APPROVED WETLANDS INVENTORY
Oregon Division of State Lands
Meets CWI standards
Date 11/99 Approved by Dana Field

SALEM-KEIZER AREA

LOCAL WETLAND INVENTORY

MARION AND POLK COUNTIES, OREGON

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TABLE OF CONTENTS

EXECUTIVE SUMMARY iv
INTRODUCTION 1
SITE PHYSIOGRAPHY 3
Area 3
Topography 3
Land-Use 4
Climate and Hydrology 4
Vegetation 6
Geology and Soils 7
METHODS 8
MAPPING ERROR 11
RESULTS AND DISCUSSION 12
BATTLE CREEK (BC) 12
CROISAN CREEK (CC) 14
LOWER CLAGGETT CREEK (CL) 14
UPPER CLAGGETT CREEK (CU) 14
EAST BANK (EB) 15
GLENN-GIBSON CREEKS (GG) 15
MILL CREEK (MC) 15
PRINGLE CREEK (PC) 16
PETTIJOHN-LAUREL CREEK (PJ) 16
LITTLE PUDDING RIVER (PU) 16
WILLAMETTE SLOUGH EAST (WS) 16
WILLAMETTE SLOUGH WEST (WW) 17
WEST BANK (WB) 17
REFERENCES 23
APPENDIXES 25
APPENDIX A: STAFF QUALIFICATIONS 26
APPENDIX B: AFFECTED TAX LOTS 28
APPENDIX C: OFWAM RESULTS 48

LIST OF TABLES

TABLE 1. PLANT INDICATOR CATEGORIES 9
TABLE 2. DISTRIBUTION OF WETLAND AREA BY COWARDIN CLASSIFICATION 12
TABLE 3. SUMMARY OF WETLAND TYPES (COWARDIN CLASSES) BY SUBWATERSHED 13
TABLE 4. DISTRIBUTION OF WETLANDS BY SUBWATERSHED 18

LIST OF FIGURES

Figure 1. Study Area Location Map 2

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EXECUTIVE SUMMARY

Drs. Jay Lorenz and Martin Schott were contracted by the Mid-Willamette Valley Council of Governments to conduct a Local Wetland Inventory (LWI) for the Salem-Keizer Region encompassing the city limits of West Salem, Salem, Keizer, and portions of Marion County within and adjacent to the Salem-Keizer Urban Growth Boundary. The inventoried wetlands were assessed using the Oregon Freshwater Assessment Methodology (OFWAM).

The objective of the inventory was to inventory the wetlands over 0.5 acres, and to assess the various wetland functions. This information will allow the various governments to meet their Goal 5 requirements. The information in this inventory is intended for planning purposes and the Goal 5 process. Another use of the inventory is to provide developers, general public and planning departments with an indication if there are wetlands on a particular parcel. However, the inventory will not provide accurate wetland boundaries, and does not include all wetlands under 0.5 acres. Wetland delineations will be required for any development which may have possible wetlands.

The project area encompasses approximately 46,136 acres (72 square miles). The elevations within the study area range from 100 to over 600 feet. Most of the higher elevations are located in the South Salem Hills and portions of West Salem. Most of the study area is on the valley floor, which is nearly flat. The area is within the Willamette River Basin, and lies in the Main Stem and Molalla-Pudding subbasins. Twelve smaller subwatersheds are located in the study area.

The field work was performed between August 1996 and April 1997. Most of the field work occurred between December 1996 and April 1997. The methods followed the Oregon Division of State Lands' (DSL) LWI procedures as outlined in OAR 141-86-180 through 240. Wetland determinations were made using the 1987 Corps of Engineers Wetland Delineation Manual. The Food Security Act Manual was used in agricultural areas.

Approximately 1,461 acres of wetlands, including 34 acres of wetland mitigation, and 44,675 acres of upland were identified in the study area. This wetland acreage was comprised of 264 acres of forest (PFO), 59 acres of scrub-shrub (PSS), and 296 acres of emergent (PEM) wetlands. In addition, there were 65 acres of farmed wetland. Ponds and excavated gravel pits with ponding amounted to 743 acres. Wetland distribution by subwatershed was as follows: Battle Creek (BC) Basin, 17 acres; Croisan Creek (CC) Basin, 9 acres; Lower Claggett (CL) Basin, 178 acres; Upper Claggett (CU) Basin, 54 acres; East Bank (EB), 103 acres; Gibson-Glenn (GG) Basin, 8 acres; Mill Creek (MC) Basin, 366 acres; Pringle Creek (PC) Basin, 124 acres; Pettijohn-Laurel Basin (PJ), <1

acre; Little Pudding River (PU) Basin, 69 acres; Willamette Slough East (WS), 506 acres; and Willamette Slough West (WW), 26 acres. Ponds were scattered throughout the study area, occurring on golf courses and small farms. Excavated gravel pits were primarily found along Mill Creek, Claggett Creek, and the Willamette River.

In general, most of the wetlands were associated with drainages or historic drainages. Many of the isolated wetlands are located in fingers of hydric soils and have been isolated by development. Many of the drainages have been channelized and relocated. Most of these drainages now function as storm drainage systems for the urban area and have little to no natural character.

Most of the open water features within the study area, other than the Willamette River and its tributaries, are either abandoned or active aggregate mining (gravel) pits. The high ground water table of the area has caused these pits to become small lakes. These bodies of water tend to have little vegetation around their margins. Many of these ponds have the potential to serve as flood water retention/detention areas, subject to reclamation plans and permits.

INTRODUCTION

The purpose of this study was to obtain a more complete understanding of the location, quantities, kinds, and function/values of wetlands within the Salem-Keizer region. Information was gathered by conducting a Local Wetland Inventory (LWI). The study area included the area within the Salem-Keizer Urban Growth Boundary (UGB) (Figure 1). A few parcels adjacent to the UGB in Marion County were also included in the study. In West Salem, the study area was limited to the city limits and did not include portions of Polk County within the UGB.

Local wetland inventories and assessments provide information sufficient to complete the planning required by state law. Site specific data is collected that can be used to determine development suitability of individual parcels. Once approved by the Division of State Lands (DSL), the LWI replaces the National Wetlands Inventory (NWI) and is incorporated into the Statewide Wetlands Inventory. A LWI fulfills the location and quantity information required for Goal 5 analysis, but not quality. A wetland quality assessment was conducted at the time of the LWI to provide information required for Goal 5 analysis and planning. Data collected for the LWI will assist local landowners and planning agencies in making decisions about future development. Thus, the LWI is a general planning tool rather than a site-specific delineation of wetland location and size that may be used in a regulatory context.

The need for wetland planning is apparent as these resources are protected by state and federal laws. In Oregon, the Division of State Lands regulates activities involving fill, removal, or alteration of material in wetlands or waterways under ORS 196.800 to 196.990 and OAR 141-85-090. The U.S. Army Corps of Engineers (COE) regulates the discharge of dredged or fill materials into waters and adjacent wetlands of the United States under authority of Section 404 of the Clean Water Act (*Federal Register,* 1986). For purposes of state and federal permitting programs wetlands are defined as follows (*Federal Register,* 1980, 1982):

> Those areas that are inundated or saturated by surface or groundwater 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.

Local Wetland Inventories are conducted in planning regions (e.g., city, county, rural service area) where site specific data suggests that wetlands may be present (see **METHODS** for listing of data sources). The presence of the Willamette River, several tributary creeks, numerous jurisdictional wetland delineations, and mapping of wetlands on the National Wetland Inventory (NWI) all indicated wetlands were present in the study area. Salem and Keizer have experienced 35 and 40 percent growth in population, respectively, over the past 15 years. The NWI, conducted in the early 1980s is now out-of-date, given the many changes in land use in a rapidly urbanizing environment. The NWI mapping was done at a coarse scale and resolution that is not particularly useful at a fine scale or parcel- based planning resolution. In addition, there are limitations to the NWI as there are occasional errors of omission and the NWI generally did not identify wetlands in land under agricultural production.

Objectives of this study were to:

- Provide current mapping of wetland boundaries at a scale suitable for future, planning, including Goal 5, and
- Assess wetland functions and values.

Salem, the state capital, and Keizer were built on the banks of the Willamette River in the middle of the Willamette Valley. The Willamette River forms the boundary between Polk and Marion Counties. Interstate 5 bisects through the study area.

SITE PHYSIOGRAPHY

Area

The study area encompasses approximately 46,136 acres (72 square miles). Of this, 3,249 acres is located in West Salem. East of the Willamette River, about 25,761 acres are located in the remaining portion of Salem; 4,590 acres in Keizer; and 12,536 acres in Marion County, outside the city limits.

Topography

Elevations within the study area are between 100 to over 600 feet. Hilly areas are located in West Salem and south Salem. There is also an elevated bench marking the edge of the modern floodplain (100 to 500 year recurrence intervals) of the Willamette River in the

north end of Keizer. The valley floor is flat with slopes typically 3 percent or less.

Land-Use

The Salem/Keizer region is an urban or urbanizing area. The core of downtown Salem area is filled with government, private offices and commercial businesses. Commercial strips are found along major thoroughfares such as Lancaster Dr., Commercial St., State St., and Liberty St. Commercial/industrial areas are located west of the airport in the Fairview Industrial Park complex and between the Salem Parkway and I-5. Older residential areas are found several blocks from the downtown government/commercial center. Within the city limits, open space is primarily restricted to parks and playgrounds. Bush Park, adjacent to Willamette University, is the largest area of parkland/open space in downtown Salem. Extensive parkland is also found along the Willamette River (Minto-Brown Island and Wallace Marine). Five Oregon State and Marion County correctional facilities occupy most of the southeast portion of the study area. Residential development is found primarily to the north and east of the downtown core extending to the city limits. The area between the city limits and urban growth boundary is rapidly urbanizing. Undeveloped portions are in agricultural production including grass seed, vegetable, fruit and nut orchards. The southern portion of the study area includes an area referred to as the South Salem Hills. Residential development and recreational uses (golf courses) are located in south Salem. South Salem has the most diverse topography within the study area and supports lower density residential development.

Like Salem, Keizer has a core area, mainly along North River Rd., which is surrounded by residential development. Much of the newer residential development in the region has been in Keizer.

West Salem has commercial strips along Edgewater Street and Wallace Road. Most of West Salem is comprised of residential development with agricultural and forest lands surrounding developed portion of the city. In West Salem, the study area was confined to the city limits.

Climate and Hydrology

The Salem-Keizer area has a modified marine climate (Soil Conservation Service, 1972). Weather patterns generally move west to east across the region, originating in the Pacific Ocean. The Coast Range modifies both temperatures and precipitation as air masses move across the region. Annual average precipitation is about 41 inches, 90 percent of which falls between October and the end of May. From November through January, monthly precipitation averages between 6 and 7 inches. Normally, there are 5 or fewer days with snow cover each year. Average daily minimum temperatures range from 33 to 52 degrees

Fahrenheit (*F*). Average maximum daily temperatures range from 46 to 82 degrees *F*.

The Willamette River, forming the boundary between Marion and Polk Counties is the dominant hydrological feature in the study area. The Molalla-Pudding subbasin is a dominant feature in the eastern portion of the study area. West Salem is divided into three subwatersheds: Gibson-Glenn Basin, West Bank, and Willamette Slough West. The Marion County portion of the study area has been sub-divided into 9 subwatersheds: Battle Creek (BC), Croisan Creek (CC), Lower Claggett Creek (CL), Upper Claggett Creek (CU), Little Pudding River (PU), East Bank (EB), Mill Creek (MC), Pettijohn-Laurel (PJ), Pringle Creek (PC), East Willamette Slough (WS). Battle Creek, a tributary of Mill Creek, originates in the south Salem hills, flowing west to east, joining Mill Creek in Turner. Croisan Creek also originates in the south Salem Hills and flows northward into the Willamette Slough. Mill Creek, originating in the Waldo Hills and western Cascades, enters Salem from the southeast and meanders through the downtown area before reaching the Willamette River. Claggett Creek originates in the southeast portion of the study area, flows through Keizer and northward into the Willamette River. Headwaters of the Little Pudding River system are in the eastern portion of the study area. The Little Pudding flows into the Pudding River near Parkersville and the Pudding River flows north, joining the Willamette River in Canby.

The northern boundary of the study area passes through an agricultural area known as Lake Labish. Historically, this was a lake in an old channel of the Willamette River (Orr et al., 1992). The original drainage in the Lake Labish has been replace by a system of drainage ditches. Lake Labish now drains in two directions, west to Claggett Creek and east into the Little Pudding River. During normal storm events the two watersheds remain distinct. However, during severe flood events such as occurred in December, 1995, February 1996, and January, 1997; the Pudding River backed up, contributing to headwater flooding of the ancient lake. During severe flood events, the Pudding River and Claggett Creek drainages are linked through Lake Labish.

Historically, there were numerous swales that were headwaters of the Little Pudding River and Claggett Creek (Soil Conservation Service, 1972). Swales in the flat valley floor created a dendritic drainage pattern in the flat valley floor. This dendritic pattern is evident by locating hydric soils in the Marion County Soil Survey. Some of the swales were filled and developed leaving isolated depressions or wet spots. In many locations stormwater drainage ditches were constructed in the swales that form the headwaters of the many creeks in the region. Today, portions of the stormwater drainage system flow in underground pipes and portions are open channel ditches, following the topography of the historic swales.

Major drainages passing through the downtown area (i.e., Pringle and Mill Creek) have been channelized in numerous locations with rip rap placed along the bank to reduce the potential for erosion. Flooding is relatively infrequent with riparian wet spots restricted to

undeveloped reaches such as Pringle Creek flowing through Bush Park.

There are numerous sand and gravel operations scattered throughout the Salem/Keizer area including Minto Island, along Mill Creek in southeast Salem, adjacent to the Salem Parkway in north Salem, and in the northwest portion of Keizer. Mining operations have created lakes as groundwater fills the excavated landscapes. At least one, Wirth Lake in Cascade Gateway Park, has been developed as a public recreational area.

Vegetation

Historic plant communities in the Salem-Keizer area have been altered by human activity. Oak forests dominated by Oregon white oak (*Quercus garryana*), coniferous forests dominated by Douglas-fir (*Pseudotsuga menziesii*), grasslands, and riparian/wetland communities were once present throughout the Willamette Valley. Many sub-dominants including big-leaf maple (*Acer macrophyllum*), hazelnut (*Corylus cornuta*), snowberry (*Symphoricarpos albus*), and sword fern (*Polystichum munitum*) are common to both the oak and conifer forest types (Franklin and Dyrness, 1973). Historic grasslands have been converted to agricultural production. Riparian and low-lying areas that were seasonally flooded were generally forested with black cottonwood (*Populus trichocarpa*), red alder (*Alnus rubra*), Oregon ash (*Fraxinus latifolia*), and willows (*Salix* spp.). Urban development, changes in hydrology (e.g., channelizing streams and swales for stormwater management), logging, agriculture, and fire control have altered these communities.

Urban areas of West Salem, Salem, and Keizer have essentially been cleared of native vegetation. Non-native plants such as English ivy (*Hedera helix*) and Himalayan blackberry (*Rubus discolor*) grow along the excavated banks of Mill and Pringle Creeks. Black cottonwood (*Populus trichocarpa*) and red alder (*Alnus rubra*) grow along the top of the banks as the creeks flow through the downtown area of Salem.

West Salem is primarily an urban or urbanizing environment. Agricultural areas are found around the periphery of the city limits. Oregon white oak, Douglas-fir, and big-leaf maple are generally second growth and remnants of the historic forest types. West Salem is predominately built on hills. Creeks flow down steeper gradients than on the valley floor. Stream channels tend to be narrow and generally lack broad floodplain or riparian areas.

Undeveloped areas in the eastern and northern portion of the study area are primarily in agricultural production growing a variety of crops including vegetables, grass seed, nursery stock, fruit and nut orchards. Historically these areas were grassland communities. Swales that were once the headwaters of creeks (i.e., Little Pudding, Claggett, and Pringle) for the most part have either been filled for residential and commercial development or channelized for stormwater drainage. Oregon ash and willows are found along stream banks and channelized ditches. Introduced grasses such as

meadow foxtail (*Alopecurus pratensis*) and reed canary grass (*Phalaris arundinacea*) are common along swales and ditches.

Prior to development, Oregon white oak and Douglas-fir forests were the dominant community types in the South Salem Hills (Franklin and Dyrness, 1973). These forest types are still present. Creeks and streams flow through relatively narrow valleys. Riparian vegetation in forested areas is dominated by red alder, Oregon ash, and black cottonwood. Riparian communities are on the banks of the creeks with essentially no riparian wetlands. Vegetation adjacent to streams in non-forested areas is generally landscaped with fairly narrow riparian zones along creeks (e.g., Battle Creek at Creekside Golf Course and residential areas along Glenn Creek).

The Minto-Brown Island area is within the 100-year floodplain of the Willamette River. Much of the area has been cleared for agriculture and to a lesser extent, aggregate mining. Low areas with seasonal flooding are still forested, dominated by Oregon ash. Oregon ash, black cottonwood, and willow communities also line both the western and eastern banks of the Willamette River as it passes through the Salem-Keizer area.

Geology and Soils

The Willamette Valley is an inland valley that was at one time part of a broad continental shelf. Uplifting and tilting of both the Coast Range and Western Cascades left a valley in what had previously been a shelf extending from the Cascades to the west (Orr et al., 1992). Tilt of the valley floor is south to north rather than inward toward the center. Hills within the valley such as the Eola Hills in West Salem and Ankeny Hills to the south are blocks of volcanic rocks (Columbia River Basalts) uplifted along faults.

Sand and gravel deposits were likely the result of glacial outwash from retreating glaciers in the Cascades. From about 15,500 to 13,000 years ago there was a series of glacial floods that came down the Columbia River and backed up into the Willamette Valley. These floods covered parts of the valley with up to 350 feet of water. Ice jams at the mouth of the Willamette River slowed retreat of flood waters. Soil formations in the valley are the result of silts and clays settling out of the massive flood events.

Geologists suspect the Willamette River has meandered across the valley in several locations. At one time the River may have followed an easterly course, flowing northward through a gap between the South Salem and Waldo Hills in the present day location of Mill Creek. Lake Labish in the northern portion of the study area likely represents an old channel of the Willamette River following a course that is now the Pudding River. Alluvial deposits from the Cascades coming down Abiqua and Butte Creeks deposited material on the eastern side of the valley, pushing the river to the west. Deposits may have dammed the river, creating Lake Labish. The thick layers of peat in the ancient lake

suggest the area was once a swamp or bog.

Wetlands in the Salem-Keizer area are a reflection of the relatively level topography. Most are found in mineral soils, on fine clay deposits which settled in swales and depressions. They are slow draining, holding water for a significant portion of the growing season. Wetland areas found adjacent to the Willamette River are within the river's floodplain and subject to frequent flooding.

METHODS

This study was completed by Drs. Martin Schott and Jay Lorenz. Mapping was provided by C & G White Cartography, Corvallis, OR. (See Appendix for qualifications of the consultants). Field studies were performed between August 1996 and April 1997.

Methods outlined in the *Corps of Engineers Wetlands Delineation Manual, 1987* were used to determine the presence of wetlands. The manual requires independent evidence of three parameters for an area to be declared as wetland: hydric soils, hydrophytic vegetation, and wetland hydrology. Location of sample points and mapping conventions followed state LWI standards and were not intended to define the limits of regulatory jurisdiction.

Hydric soils are soils that are saturated, inundated, or flooded long enough during the growing season to create anaerobic conditions that favor the growth of hydrophytic vegetation. Soil color (chroma 1 or ≤ 2 with mottles) and high organic content in the surface horizon are two field indicators of hydric soils. In sandy soils, high organic content in the surface horizon, streaking of subsurface horizons by organic matter, and organic pans are indications of hydric conditions.

TABLE 1. PLANT INDICATOR CATEGORIES

Indicator Symbol	Indicator Status	Definition
OBL	Obligate	Species that occur almost always (estimated probability >99%) in wetlands under natural conditions.
FACW	Facultative wetland	Species that usually occur in wetlands (estimated probability 67 to 99%), but occasionally are found in non-wetlands.
FAC	Facultative	Species that are equally likely to occur in wetlands or non-wetlands (estimated probability 34-66%).
FACU	Facultative upland	Species that usually occur in non-wetlands (estimated probability 67-99%), but occasionally are found in wetlands.
UPL	Upland	Species that occur almost always in non-wetlands under normal conditions (estimated probability >99%).
NI	No indicator	Species for which insufficient information was available to determine an indicator status.

Plants specifically adapted for life under saturated or anaerobic conditions are commonly referred to as hydrophytic vegetation. The U.S. Fish and Wildlife Service in cooperation with the National and Regional Interagency Review Panels publishes regional lists estimating the probability of plant species' occurrence in wetlands (Reed 1988). Each species is given an *indicator status* which represents the likelihood that it will be found in a wetland. Plant communities dominated by OBL, FACW, or FAC species indicate the presence of wetland vegetation. Categories are defined in Table 1.

Wetland hydrology occurs in soils that are saturated within 12 inches of the surface or inundated for a significant portion of the growing season (5 percent or about two weeks, March 1 to 15 in this region). Visual observation of inundation or saturation, watermarks, drift lines, sediment deposits, and drainage patterns are useful field indicators of wetland hydrology.

Soil color (hue, value, and chroma) were determined using the Munsell Color Chart at each sample point. Soil texture and moisture were estimated by touch. Dominant vegetation was sampled within a 15 foot radius of each sample point and the percent cover was estimated for each species. Data were recorded on standard data forms. Wetland boundaries and data points were mapped in the field on an aerial photograph with a mylar cover.

Methods outlined in the *Food Security Act Manual* (1996) were used in agricultural areas

where vegetation was disturbed. The principle difference between the *Corps* manual and the *Food Security Act* is criteria used for wetland hydrology. On agricultural land with disturbed vegetation, the wetland hydrology criteria is satisfied if the area is inundated (as opposed to saturated near the surface) for a significant portion of the growing season (two weeks).

OAR 141.86.180 through 240 outlines procedures for Local Wetland Inventories (LWI). The On-Site LWI Option was used over portions of the study area where access was permitted. This involved sampling characteristic wetland communities and paired plots to characterize the wetland/upland boundary. Sample plots were also located to characterize changes between major plant communities.

The Off-Site Option was applied to areas where landowners denied access. The Off-Site method involves mapping wetlands on aerial photos without field verified sample plots. In this study, investigators were able to view some of the potential wetland areas from public roads. Ground-truthing areas of restricted access was done by nearby viewing and interpretation based on photo signatures of adjacent wetlands.

The Salem Department of Public Works provided maps of open channel storm water drainages. For the most part, these storm water drainages were constructed in historic swales. Mapping open channel drainages was based on map data provided by the City.

An off-site literature review was conducted prior to engaging in field work. Sources included:

- USGS Topographic Maps, 7.5 minute series, 1:24,000;
- National Wetland Inventory, based on 1982 photography;
- Soil Survey of Marion County Area, OR (1972), Soil Conservation Service;
- Soil Survey of Polk County, OR (1982), Soil Conservation Service;
- Color aerial photographs, May 1, 1991, Scale 1"=400' Mid-Willamette Valley Council of Governments;
- Jurisdictional wetland delineation reports and permits on file at the Oregon Division of State Lands; and
- FEMA Floodplain Maps.

In addition to the literature review, public information meetings were held in West Salem and at Sprague High School providing an opportunity for communication with local citizens.

Prior to conducting field work, a base map was prepared identifying all potential wetland areas. These included areas identified as wetlands on the National Wetland Inventory, areas with hydric soils, areas where wetland delineations were on file at the Division of State Lands and potentially wet areas based on photo-interpretation. Using a Geographic Information System, landowners with potential wetlands were identified by intersecting

the parcel lots with the potential wetland areas. Respective jurisdictions then sent written notice of the LWI and requested permission to access property. About 6,000 landowners with potential wetlands were initially notified. Permission was granted to enter property for about 15 percent of those notified. (Low turnout because of an error in coding hydric soils for mailing list.) Wetlands and sample plots were mapped on color air photos covered with a mylar overlay (spring, 1992 photography, 1"=400'). Wetland boundaries and sample plots were digitized and registered with the parcel base map in a geographic information system.

The *Oregon Freshwater Assessment Methodology* (*OFWAM*) was used to evaluate wetland function and values (Roth et al., 1996). This method provides standards for rating 9 categories: wildlife habitat, fish habitat, water quality, hydrologic control, sensitivity to impact, enhancement potential, education, recreation, and aesthetic quality. Factors such as size of wetland, structural and biological diversity, presence of rare or endangered species, land-use, and access are used in the rating system. Data from field notes, referencing the aerial photograph, and information gathered from public agencies were used to complete the wetlands assessment. The following public agencies were contacted:

- Oregon Department of Environmental Quality, Portland, OR;
- Oregon Department of Fish and Wildlife, Corvallis and Salem, OR;
- Oregon Department of Agriculture, Salem, OR;
- Oregon Division of State Lands, Salem, OR; and
- Oregon Natural Heritage Program, Portland, OR.

MAPPING ERROR

The maps in the Salem-Keizer LWI show approximate location, size, and boundary of wetlands, creeks, river, ditches, and ponds in the study area. The maps do not have site specific accuracy and should be used only for general planning purposes. The maps were made by transforming hand drawn lines on aerial photographs into digitized information overlain on tax lot maps. Map error comes from many sources including the accuracy of the on- and off- site mapping, tax lot maps, different map scales, and digitizing error. For on-site verification methods, the mapped wetland boundary is accurate to ±25 feet; for the off-site verification methods, the mapped wetland boundary is accurate to ±75 feet.

In urban areas where lots are small, this can translate into a significant amount of uncertainty, but this uncertainty can be resolved if and when necessary. For example, if a stream or watercourse appears to be incorrectly mapped on a parcel the land owner can request a verification of map accuracy from the Division of State Lands (DSL). As a general rule, a field investigation of the mapped wetlands should be included in the initial stages of development planning. Again, the land owner can ask DSL to confirm the

accuracy of the LWI map on a particular parcel.

Another type of potential error in the maps is the error of omission. A LWI is not required to include wetlands less that 0.5 acres, thus, not all wetlands in the study area are mapped.

The LWI process requires that all landowners with a wetland mapped on their property be notified regardless of the size of the wetland area. Although the LWI may not include wetlands less than 0.5 acres, landowners will be notified when a watercourse is adjacent to their lot, or when only a few square feet of wetland are located on their property.

RESULTS AND DISCUSSION

Table 2 shows the distribution of wetland types within the entire study area and indicates that the most extensive type of wetlands are natural ponds and inundated gravel pits (PUB), followed by wet meadows (PEM) and forested wetlands (PFO). Study results are described below for each subwatershed. Table 3 lists the distribution of wetland types (Cowardin classes) within each subwatershed. Table 4 lists the wetlands in each subwatershed by wetland identifier and gives the acreage for each wetland.

TABLE 2. DISTRIBUTION OF WETLAND AREA BY COWARDIN CLASSIFICATION

Cowardin Class	Area (acres)
Forested Wetlands (PFO)	264
Scrub-Shrub Wetlands (PSS)	59
Wet Meadow Wetlands (PEM)	296
Farmed Wetlands (FW)	65
Ponds and Gravel Pits (PUB)	743
TOTAL	**1427***

* This total does not include 34 acres of wetland mitigation included in Table 3.

BATTLE CREEK (BC)

The Battle Creek (perennial) basin includes Jory, Battle, Powell, and Waln Creeks. They converge on the Battle Creek Golf Course, flowing east to Mill Creek in Turner. There are several wetland and wetland mitigation projects along riparian areas. Several ponds were constructed in a drainage in a neighborhood south of Rees Hill Road and west of I-5. Drainage for the ponds appears to be underground. Hilly terrain generally confines drainages in channels. There are a total of 17.14 acres of inventoried wetlands in the Battle Creek subwatershed.

TABLE 3. SUMMARY OF WETLAND TYPES (COWARDIN CLASSES) BY SUBWATERSHED

Subwatershed	Wet Meadow (PEM)	Scrub-Shrub (PSS)	Forest (PFO)	Unconsolidated Bottom (PUB)	Farmed Wetland (FW)	Mitigation Wetland	TOTAL
Battle Creek (BC)	4.73 acres 7 units	0.51acres 2 units	1.34 acres 3 units	10.56 acres 16 units	0 acres 0 units	0 acres 0 units	17.14 acres 28 units
Croisan Creek (CC)	0.97 acres 1 unit	0 acres 0 units	5.42 acres 1 unit	3.04 acres 4 units	0 acres 0 units	0 acres 0 units	9.43 acres 6 units
Claggett Creek Lower (CL)	89.29 acres 16 units	7.3 acres 5 units	18.32 ac. 6 units	62.89 acres 6 units	0 acres 0 units	0 acres 0 units	177.8 acres 30 units
Claggett Creek Upper (CU)	34.59 acres 14 units	2.22 acres 1 unit	1.64 acres 2 units	15.22 acres 1 unit	0.39 acres 1 unit	0 acres 0 units	54.06 acres 19 units
East Bank (EB)	7.19 acres 13 units	2.02 acres 2 units	19.62 ac. 6 units	65.21 acres 16 units	8.83 acres 1 unit	0 acres 0 units	102.87 ac. 38 units
Glenn-Gibson Creeks (GG)	0.08 acres 1 unit	1.49 acres 3 units	1.59 acres 1 unit	4.77 acres 4 units	0 acres 0 units	0 acres 0 units	7.93 acres 9 units
Mill Creek (MC)	37.62 acres 24 units	7.99 acres 7 units	24.64 ac. 10 units	281.55 acres 15 units	13.87 acres 5 units	0 acres 0 units	365.67 ac. 61 units
Pringle Creek (PC)	11.67 acres 15 units	5.14 acres 3 units	12.2 acres 7 units	66.18 acres 13 units	0.62 acres 1 unit	28.13 acres 5 units	123.94acres 44 units
Pettijohn-Laurel Creek (PJ)	0 acres 0 units	0 acres 0 units	0 acres 0 units	0.68 acres 2 units	0 acres 0 units	0 acres 0 units	0.68 acres 2 units
Little Pudding River (PU)	31.62 acres 35 units	2.49 acres 3 units	24.61 ac. 16 units	2.08 acres 5 units	2.59 acres 5 units	5.47 acres 4 units	68.86 acres 68 units
Willamette Slough East (WS)	77.23 acres 14 units	22.85 acres 5 units	139.32 ac. 15 units	228.62 acres 32 units	38.09 acres 10 units	0 acres 0 units	506.11 ac. 76 units
Willamette Slough West (WW)	0.93 acres 1 unit	7.46 acres 3 units	15.3 acres 3 units	2.30 acres 1 unit	0.47 acres 1 unit	0 acres 0 units	26.46 acres 9 units
TOTAL	**296 acres**	**59 acres**	**264 acres**	**743 acres**	**65 acres**	**34 acres**	**1461 acres**

388 units total

CROISAN CREEK (CC)

Wetlands are found on the north side of Kuebler Blvd., west of Sprague High School. Water seeps out of the hillside into the Croisan Creek floodplain. Croisan Creek (perennial) flows through a relatively narrow valley with steep side slopes. There were few riparian wetlands that met the minimum mapping unit (0.5 acres) along Croisan Creek. Like the Battle Creek Basin, drainages are confined by hilly terrain. Inventoried wetlands in the Croisan Creek subwatershed total 9.43 acres.

LOWER CLAGGETT CREEK (CL)

Most of the wetland area in this watershed is along the riparian floodplain of Claggett Creek. The floodplain is in an undeveloped greenway. Both indigenous wetland plants such as sedges, rushes, and Oregon ash, as well as the introduced reed canary grass grow in the wetlands. There appeared to be opportunities for enhancement and creation mitigation along the lower portion of Claggett Creek. This area appeared to be in relatively good ecological condition with high ratings for wildlife habitat, hydrologic control, and aesthetics.

Labish Ditch enters Claggett Creek from the east. It is channelized with portions flowing through culverts. Staats Lake and ponds on McNary Golf course are constructed features, created for either aggregate mining or as landscaping entities. Inventoried wetlands in this sub-basin total 177.80 acres.

UPPER CLAGGETT CREEK (CU)

Existing wetlands in the Upper Claggett watershed tend to be either small or isolated. Historic swales with hydric soils have been filled for residential development. Drainages tend to follow old swales with portions now in underground pipes. There are isolated depressions in fields used for parking lots at the north and south ends of the State Fairgrounds that meet jurisdictional wetland criteria. There is a relatively large emergent wetland and gravel pit complex at the lower end of the basin, just north of the Salem Industrial Park. The wetland appears to have been disturbed in the past and has enhancement potential. There are a total of 54.06 acres of inventoried wetlands in the Upper Claggett Creek sub-basin

EAST BANK (EB)

There are few wetlands in the East Bank watershed. Along the east bank of the Willamette River, the limits of jurisdictional water is normal high water or top of bank. Ponded areas adjacent to the Salem Parkway and in the northwest portion of the watershed are the result of past aggregate mining. A portion of the isolated wetlands in the parking areas (mowed fields) of the State Fairgrounds are in the East Bank watershed. The NWI mapped an extensive forested wetland in Spong's Landing Park. Portions of the Oregon ash forest were flooded for most of the winter of 1996/97 during the period of above normal precipitation. Examination of soils and understory plants indicated that much of the Oregon ash forest is floodplain, but not a wetland. It appears the floodplain swale once continued to the east onto land that is now in agricultural production. There are a total of 102.87 acres of inventoried wetlands in this sub-basin.

GLENN-GIBSON CREEKS (GG)

Glenn and Gibson Creeks originate in the hills of West Salem. The upper reaches of Glenn Creek currently flow through undeveloped property. There may be opportunities for stormwater detention in this upper reach. Small constructed ponds are located within the drainages at several locations. The largest native wetland complex is located south of Brush College Road in the northern portion of West Salem. A ponded area on the northern boundary of the West Salem study area, east of Wallace Rd., appears to have been constructed to hold water for irrigating agricultural fields. There are 7.93 acres of inventoried wetlands in the Glenn-Gibson sub-basin.

MILL CREEK (MC)

Mill Creek, with perennial flow, enters the southeast portion of the study area on State penitentiary farm property. There are no riparian wetlands along this reach. Several isolated farmed wetlands are located on the southeast portion of the farm property. Between Kuebler Blvd. and Rt. 22, including Cascade Gateway Park, there are several ponds created by gravel mining. Some of the best examples, in terms of diversity of native plant species, of wet prairie and forested wetlands are found in wetlands adjacent or near the banks of Mill Creek between Rt. 22 and the Southern Pacific Railroad. Several small and isolated emergent wetlands are located on the Penitentiary property north of the railroad.

West of the State Penitentiary property Mill Creek divides into three branches including the constructed Mill Race and Shelton ditch. These channels passing through the downtown area of Salem have been channelized with rip-rap banks in many locations or in the case of the Mill Race, flow through a concrete lined sluice. There are no native

wetlands through the downtown Salem area. Inventoried wetlands in the Mill Creek sub-basin total 365.67 acres.

PRINGLE CREEK (PC)

Pringle Creek, a perennial creek, drains the area north of Kuebler Blvd., west of the Salem airport, and east of the hills identified by the Hillcrest Memorial Park and Cemetery. The several branches of Pringle Creek are best described as stormwater drainages in an urbanized environment. There are isolated wetlands at the south end of the Salem airport and in the Fairview Industrial Park area. Ponded areas created by past gravel mining are located north and south of McGilchrist Street. There are a total of 123.94 acres of inventoried wetlands in this sub-basin.

PETTIJOHN-LAUREL CREEK (PJ)

Pettijohn and Laurel Creeks appear to be the only drainages or wetlands (meeting the minimum mapping requirement) in this watershed. There is 0.68 acres of inventoried wetlands in this sub-basin.

LITTLE PUDDING RIVER (PU)

This watershed covers the eastern portion of the study area, south to north. Based on review of the soil survey, it appears there were numerous dendritic swales that formed the headwaters of the Pudding system. Some of these swales have been filled for urban development. Most of the remaining swales have been channelized as part of the stormwater drainage system. Isolated wetlands are remnants of historic swales.

In the northern portion of the Pudding watershed there are riparian wetlands associated with the West Fork of the Little Pudding River. There is a relatively large wetland complex in good ecological condition at the southern end of the watershed north of Hwy. 22 (North Santiam Hwy.) along Cordon Road. There are a total of 68.86 acres of inventoried wetlands in this sub-basin.

WILLAMETTE SLOUGH EAST (WS)

This watershed includes Minto Island and the Minto-Brown Park. Essentially the entire area is within the 100 year floodplain of the Willamette River. Forested wetlands are found in oxbows and sloughs. A large portion of the area is used for agricultural production. Farmed wetland swales, likely remnant braided channels or oxbows are

evident. There are 506.11 acres of inventoried wetlands in the Willamette Slough East sub-basin.

WILLAMETTE SLOUGH WEST (WW)

The Willamette Slough West portion of the study area is within the Wallace Marine Park. There are forested riparian wetlands and semi-permanently flooded wetlands at the north end of the park. Inventoried wetlands total 26.46 acres in this sub-basin.

WEST BANK (WB)

This area includes two intermittent drainages that flow down steep east facing slopes. There are no wetlands meeting the minimum mapping requirements in the West Bank area.

TABLE 4. DISTRIBUTION OF WETLANDS BY SUBWATERSHED

Wetland Identifier	Polygon Number	Area (acres)
Battle Creek (BC)		
BC-B	1	0.87
BC-F	5	2.62
BC-G	1	0.64
BC-H	4	4.12
BC-I	1	2.83
BC-J	2	0.65
BC-K	7	3.83
BC-M	3	0.99
BC-N	4	0.59
Watershed Total	**28**	**17.14**
Crosian Creek (CC)		
CC-A	2	0.94
CC-B	2	6.39
CC-D	1	1.73
CC-E	1	0.37
Watershed Total	**6**	**9.43**
Claggett Creek Lower (CL)		
CL-A	1	1.35
CL-C	1	56.17
CL-D	1	0.20
CL-F	2	11.64
CL-G	5	26.59
CL-H	2	5.96
CL-I	4	31.32
CL-J	4	6.41
CL-K	3	2.15
CL-L	3	2.92
CL-M	5	30.92
CL-N	2	2.17
Watershed Total	**33**	**177.80**

Wetland Identifier	Polygon Number	Area (acres)
Claggett Creek Upper (CU)		
CU-B	4	31.33
CU-C	1	15.22
CU-D	1	1.22
CU-E	1	0.50
CU-F	2	0.93
CU-G	4	0.57
CU-H	1	0.46
CU-I	1	1.14
CU-J	1	0.61
CU-K	1	0.76
CU-L	1	0.81
CU-M	1	0.51
Watershed Total	**19**	**54.06**
East Bank (EB)		
EB-A	4	5.47
EB-B	1	4.86
EB-C	1	8.83
EB-D	3	12.82
EB-E	4	26.33
EB-F	3	9.64
EB-G	2	0.99
EB-H	1	2.97
EB-I	1	1.08
EB-J	1	0.93
EB-K	1	7.60
EB-L	2	2.02
EB-M	1	12.14
EB-N	1	1.70 total 3.91
EB-O	2	2.21
EB-P	10	3.28
Watershed Total	**38**	**102.87**
Glenn-Gibson Creeks (GG)		
GG-A	1	3.55
GG-E	1	0.89
GG-G	1	1.59
GG-M	2	1.34
GG-N	3	0.22
GG-O	1	0.34
Watershed Total	**9**	**7.93**

Wetland Identifier	Polygon Number	Area (acres)
Mill Creek (MC)		
MC-AA	2	2.56
MC-C	2	0.51
MC-D	3	0.82
MC-E	4	2.57
MC-EE	1	0.77
MC-F	2	4.48
MC-G	3	7.40
MC-H	1	1.34
MC-I	3	0.42
MC-J	1	7.10
MC-K	4	5.38
MC-L	1	7.10
MC-M	4	2.61
MC-N	6	22.24
MC-O	8	44.53
MC-P	1	0.27
MC-Q	3	20.40
MC-R	1	0.33
MC-U	2	2.10
MC-V	3	10.73
MC-W	5	216.80
MC-X	1	5.21
Watershed Total	**61**	**365.67**
Pringle Creek (PC)		
PC-A	1	0.14
PC-AA	2	0.36
PC-BB	1	0.61
PC-DD	1	3.32
PC-E	1	11.52
PC-F	2	43.69
PC-G	1	4.85
PC-I	1	0.62
PC-J	7	7.16
PC-K	2	1.68
PC-L	1	0.23
PC-M	1	0.58
PC-O	3	5.96
PC-P	3	0.79
PC-S	1	0.39
PC-T	6	28.16
PC-U	2	0.46
PC-V	1	0.79
PC-W	1	0.12
PC-X	5	10.99
PC-Y	1	1.52
Watershed Total	**44**	**123.94**

Wetland Identifier	Polygon Number	Area (acres)
Pettijohn-Laurel Creek (PJ)		
PJ-A	1	0.46
PJ-B	1	0.22
Watershed Total	**2**	**0.68**
Little Pudding River (PU)		
PU-A	4	2.28
PU-AA	2	2.32
PU-B	1	1.06
PU-BB	3	2.24
PU-C	2	2.91
PU-CC	2	0.55
PU-D	2	0.97
PU-E	1	1.03
PU-G	1	0.45
PU-H	1	3.23
PU-I	3	5.04
PU-J	2	4.74
PU-K	1	0.12
PU-L	1	0.80
PU-M	3	2.29
PU-N	1	3.79
PU-O	3	0.92
PU-P	3	1.02
PU-Q	1	0.46
PU-R	1	0.45
PU-S	3	4.71
PU-T	4	2.69
PU-U	2	0.22
PU-V	3	0.76
PU-W	9	6.94
PU-X	1	1.59
PU-Y	5	10.69
PU-Z	3	4.59
Watershed Total	**68**	**68.86**

Wetland Identifier	Polygon Number	Area (acres)
Willamette Sough East (WS)		
WS-A	15	167.01
WS-B	9	129.40
WS-C	6	5.96
WS-D	4	7.29
WS-E	1	4.18
WS-F	5	9.15
WS-G	15	122.55
WS-H	2	2.31
WS-I	1	0.46
WS-J	5	6.93
WS-L	2	2.61
WS-N	3	6.11
WS-O	4	13.98
WS-P	1	1.47
WS-Q	1	1.15
WS-R	2	25.55
Watershed Total	**76**	**506.11**
Willamette Sough West (WW)		
WW-A	1	0.93
WW-B	2	3.08
WW-C	5	21.98
WW-D	1	0.47
Watershed Total	**9**	**26.46**
GRAND TOTAL		**1460.95**

43.46

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APPENDIXES

APPENDIX A: STAFF QUALIFICATIONS

Martin Schott, Ph.D. Dr. Schott is an independent consultant who specializes in wetlands, threatened and endangered species, and botany. He has a Ph.D. in plant ecology, a M.S. in range ecology, a B.S. in range science, and a B.S. in biology. He has had extensive plant ecology, plant taxonomy, soils and hydrology training. In addition, he has been trained in wetland delineation and regulation. He has been conducting wetland delineations, threatened and endangered species surveys, wildlife and botanical studies since 1988. Prior to going independent he worked for two of the larger natural resource consulting firms in the Pacific Northwest, and an Alaskan based engineering firm where he was hired to develop the natural resource section of a new environmental division. During the past eight years he has either worked on or managed in excess of 400 projects. They have ranged from small wetland reconnaissances to Environmental Impact Statements. The projects have included, but are not limited to: wetland inventories, housing developments, highways, airports, destination resorts, hydroelectric projects, water storage reservoirs, and landfills. In Central Oregon, Dr. Schott inventoried wetlands on the 640,000 acre Warm Springs Indian Reservation and conducted the LaPine/Wickiup Junction Local Wetland Inventory. He is certified as a Professional Wetland Scientist by the Society of Wetland Scientists.

Special Training

- Basic Wetland Delineation - 1990
- Wetlands in Oregon - 1990
- Environmental Law & Management - 1993

Jay Lorenz, Ph.D. Dr. Lorenz has been conducting wetland delineations for the past four years. His Ph.D. was in resource geography, M.S. in zoology, and B.A. in biology. His formal training includes plant ecology, taxonomy, wildlife, cartography, and remote sensing. Prior to becoming a consultant Dr. Lorenz was an Extension Specialist at Oregon State University where he held positions in wildlife management (1984-1989) and watershed management (1990-1991). He has done about 75 wetland delineations over the past two years ranging in size from less than an acre to several hundred acres. Dr. Lorenz assisted Dr. Schott with the 640,000 acre Warm Springs Indian Reservation wetland inventory and LaPine/Wickiup Junction Local Wetland Inventory. He is certified as a Professional Wetland Scientist by the Society of Wetland Scientists.

Special Training

- Federal Methodology in Wetland Delineation - 1991
- Grasses, Sedges and Rushes Workshop - 1994

Greg White and the C & G White Cartography Company. Mr. White (principal) holds a M.S. in geography from Oregon State University. The C & G White Cartography Company has extensive experience in both manual and computer cartographic principles and conventional cartographic design. They have GIS capabilities and have been involved with several Local Wetland Inventory mapping projects including the Benton County, West Corvallis Planning Area, Tillamook Local Wetland Inventory, and LaPine/Wickiup Junction Local Wetland Inventory. C & G Cartography holds a contract with the American Automobile Association to produce regional road maps in Oregon. On another project, C & G White Cartography is working with Oregon Department of Fish & Wildlife to map plant communities throughout the state for the Gap Analysis Project. They are preparing complex vegetation maps from satellite imagery.

APPENDIX B: AFFECTED TAX LOTS

Appendix B contains all the tax lots in the study area that contain, or are adjacent to, wetlands, channels, and ditches. Lots affected by wetlands smaller than 0.5 acres are included. These wetlands are usually linear features such as intermittent streams, channelized drainages, and riverine wetlands. The tax lot information is organized by subwatershed and then alphabetically by wetland unit.

Due large number of affected tax lots in the Salem-Keizer Local Wetland Inventory that contained wetland areas, the list of affected tax lot is not shown on the individual Wetland Summary Sheets.

BATTLE CREEK

Wetland	Taxlot
BC-A	083W16BD09321
BC-A	083W16BD09322
BC-A	083W16BD09326
BC-A	083W16BD09330
BC-A	083W16CA00400
BC-A	083W16CB00100
BC-B	083W16AC06200
BC-B	083W16AC06300
BC-C	083W16DA00101
BC-C	083W16DA00200
BC-C	083W16DA00300
BC-C	083W16DA00400
BC-C	083W16DA00500
BC-C	083W16DB00201
BC-C	083W16DB00300
BC-C	083W16DB01600
BC-C	083W16DB01700
BC-C	083W16DB02200
BC-C	083W16DB02300
BC-C	083W16DB02400
BC-C	083W16DB02500
BC-C	083W16DB02600
BC-C	083W16DB02700
BC-C	083W16DB02800
BC-C	083W16DB02900
BC-C	083W16DB04100
BC-D	083W14CB02301
BC-D	083W14CB04200
BC-D	083W14CB04300
BC-D	083W14CB04400
BC-D	083W14CB04900
BC-D	083W15AD09600
BC-D	083W15AD09700
BC-D	083W15AD09800
BC-D	083W15AD09900
BC-D	083W15AD10000
BC-D	083W15AD10100
BC-D	083W15AD10200
BC-D	083W15BC02240
BC-D	083W15BC02700
BC-D	083W15BC02800
BC-D	083W15BC02900
BC-D	083W15BC03000
BC-D	083W15BC03100
BC-D	083W15BC03200
BC-D	083W15BC03300
BC-D	083W15BC03400
BC-D	083W15BC03900
BC-D	083W15BC04300
BC-D	083W15BC05300
BC-D	083W15BC05400
BC-D	083W15BC05500
BC-D	083W15BC05600
BC-D	083W15BC05700
BC-D	083W15BC05800
BC-D	083W15BD02400
BC-D	083W15BD02500
BC-D	083W15BD02600
BC-D	083W15BD02700
BC-D	083W15BD02800
BC-D	083W15BD02900
BC-D	083W15BD03000
BC-D	083W15BD03113
BC-D	083W15BD03114
BC-D	083W15BD03115
BC-D	083W15BD03116
BC-D	083W15BD03117
BC-D	083W15BD03118
BC-D	083W15BD03119
BC-D	083W15BD03120
BC-D	083W15BD03121
BC-D	083W15CA00200
BC-D	083W15CA00300
BC-D	083W15DA00600
BC-D	083W15DA07700
BC-D	083W15DA07800
BC-D	083W15DB03800
BC-D	083W15DB03900
BC-D	083W15DB04000
BC-D	083W15DB04100
BC-D	083W15DB04200
BC-D	083W15DB04300
BC-D	083W15DB04400
BC-D	083W15DB04500
BC-D	083W15DB04600
BC-D	083W15DB05700
BC-D	083W15DB05800
BC-D	083W15DB05900
BC-D	083W15DB07100
BC-D	083W15DB07200
BC-D	083W15DB07300
BC-D	083W16AD00400
BC-E	083W14CA01000
BC-E	083W14CB01400
BC-E	083W14CB01500
BC-E	083W14CB02301
BC-E	083W14CB02400
BC-E	083W14CB02500
BC-E	083W14CB03000
BC-E	083W14CB03100
BC-E	083W14CB06900
BC-E	083W14CB07100
BC-E	083W14CB07200
BC-E	083W14CD00500
BC-E	083W14CD00600
BC-E	083W14CD00700
BC-E	083W14CD00800
BC-E	083W14CD00900
BC-E	083W14CD01100
BC-E	083W14CD02100
BC-E	083W14CD02200
BC-E	083W23BA01200
BC-F	083W23A 01800
BC-F	083W23B 00100
BC-F	083W23B 00100
BC-F	083W23B 00300
BC-F	083W23B 00400
BC-F	083W23B 00400
BC-F	083W23BA00500
BC-F	083W23BC01100
BC-F	083W23BC01300
BC-F	083W23BC01400
BC-F	083W23BC03300
BC-F	083W23BC03400
BC-F	083W23BC03600
BC-F	083W23BC06900
BC-F	083W23BC07500
BC-F	083W23CA00100
BC-F	083W23CA00100
BC-F	083W23CB00900
BC-F	083W23CB01000
BC-F	083W23CB01100
BC-F	083W23CB01200
BC-F	083W23CB01300
BC-F	083W23CB01400
BC-F	083W23CB01500
BC-F	083W23CC00100
BC-F	083W23DB00100
BC-F	083W23DB00300

BC-F	083W23DB00500
BC-F	083W23DB00500
BC-F	083W23DB00600
BC-F	83W23BC 00800
BC-F	83W23BC 02400
BC-G	083W23CB01300
BC-G	083W23CB01400
BC-G	083W23CB01500
BC-G	083W23CC00300
BC-G	083W23CC00400
BC-G	083W23CC00500
BC-G	083W23CC00600
BC-G	083W23CC01000
BC-G	083W23CC01100
BC-G	083W23CC01300
BC-G	083W23CC01400
BC-G	083W23CC02600
BC-G	083W23CC02700
BC-G	083W23CC02800
BC-G	083W23CC02900
BC-G	083W23CC05400
BC-G	083W23CC05400
BC-G	083W23CC05500
BC-G	083W23CC05600
BC-G	083W23CD02400
BC-G	083W23CD02500
BC-G	083W23CD02700
BC-G	083W23CD02800
BC-G	083W23CD02900
BC-G	083W23CD03000
BC-G	083W23CD03100
BC-G	083W23CD03200
BC-G	083W23CD03300
BC-G	083W23CD03400
BC-G	083W23CD03500
BC-G	083W23CD03600
BC-G	083W23CD03700
BC-G	083W26BA00100
BC-G	083W26BB00100
BC-G	083W26BB00200
BC-G	083W26BB00300
BC-G	083W26BB00400
BC-G	083W26BB01500
BC-G	083W26BC00100
BC-H	083W23DC02400
BC-H	083W23DC05200
BC-H	083W23DC05300
BC-H	083W23DC05400
BC-H	083W23DC05500
BC-H	083W23DC05700
BC-H	083W23DC05800
BC-H	083W23DC06400
BC-H	083W23DC06500
BC-H	083W23DC06600
BC-H	083W23DC06700
BC-H	083W23DC06800
BC-H	083W23DC90000
BC-I	083W23D 00100
BC-I	083W23D 00100
BC-I	083W23D 00102
BC-J	083W20A 00100
BC-J	083W21 00100
BC-J	083W21AA00300
BC-J	083W21AB01002
BC-J	083W21AC00300
BC-J	083W21AC00400
BC-J	083W21AC00400
BC-J	083W21AC00500
BC-J	083W21AC00500
BC-J	083W21AC00600
BC-J	083W21AC00600
BC-J	083W21AC00700
BC-J	083W21AC00800
BC-J	083W21AC00800
BC-J	083W21B 00100
BC-J	083W22 00111
BC-K	083W21AA00300
BC-K	083W21AA00300
BC-K	083W22 00108
BC-K	083W22 00109
BC-K	083W22 00111
BC-K	083W22 00111
BC-L	083W22AD05900
BC-L	083W22AD06001
BC-L	083W23BC04300
BC-L	083W23BC04700
BC-L	083W23BC04800
BC-L	083W23BC04900
BC-L	083W23BC05000
BC-M	083W21CD00800
BC-M	083W21CD00900
BC-M	083W21CD01000
BC-M	083W21CD01100
BC-M	083W21D 00100
BC-M	083W21D 00700
BC-M	083W21D 01200
BC-M	083W21D 01300
BC-M	083W21DA00100
BC-M	083W21DA00500
BC-M	083W21DA00700
BC-M	083W21DA01000
BC-M	083W21DA01100
BC-M	083W21DC00700
BC-M	083W21DC00800
BC-M	083W21DC00800
BC-M	083W21DC01200
BC-M	083W21DC01900
BC-M	083W21DC01900
BC-M	083W21DC02000
BC-M	083W22 00108
BC-M	083W22 00111
BC-M	083W22CB00101
BC-M	083W22CB00111
BC-M	083W22CB00200
BC-M	083W22CB00201
BC-M	083W22CB00300
BC-M	083W21D 00100
BC-M	083W21DD00900
BC-M	083W21DD01000
BC-M	083W21DD01000
BC-N	083W22 00109
BC-N	083W22 00111
BC-N	083W22 00111
BC-N	083W22AD06201
BC-N	083W22AD06202
BC-N	083W22AD06203
BC-N	083W22AD06204
BC-N	083W22C 02100
BC-N	083W22C 02100
BC-N	083W22C 02200
BC-N	083W22C 02300
BC-N	083W22DA00700
BC-N	083W22DB00100
BC-N	083W22DB00900
BC-N	083W22DB00900
BC-N	083W22DB01000
BC-N	083W22DB01000
BC-N	083W22DB01100
BC-N	083W22DB01100
BC-N	083W22DC00200
BC-N	083W22DC00201
BC-N	083W22DC00201
BC-N	083W22DC00500
BC-N	083W23BC08200

CROISAN CREEK

Wetland	Taxlot
CC-A	073W32 00100
CC-A	073W33CA00400
CC-A	073W33CA00500
CC-A	073W33CA00703
CC-A	073W33CA00800
CC-A	073W33CA00900
CC-A	073W33CA01000
CC-A	073W33CC00100
CC-A	073W33CC00102
CC-A	073W33CC00700
CC-A	073W33CC00800
CC-A	073W33CC00801
CC-A	073W33CC00802
CC-A	073W33CC00900
CC-A	073W33CD01600
CC-A	073W33CD01602
CC-A	073W33CD01800
CC-A	073W33CD01900
CC-A	083W04 00100
CC-A	083W04BB06000
CC-A	083W04BB06100
CC-A	083W04BB06200
CC-A	083W04BB06400
CC-A	083W04BB06500
CC-A	083W04BB06800
CC-A	083W04BB06900
CC-A	083W04BB08400
CC-A	083W04BB08500
CC-A	083W04BB08700
CC-A	083W04BB09000
CC-A	083W04BB09100
CC-A	083W04BC00400
CC-A	083W04BC00500
CC-A	083W04BC01300
CC-A	083W04BC01400
CC-A	083W04BC01500
CC-A	083W04BC01600
CC-A	083W04BC01900
CC-A	083W04BC02300
CC-A	083W04BC02400
CC-A	083W04BC02500
CC-A	083W04BC02600
CC-A	083W04BC07900
CC-A	083W04CB02300
CC-A	083W04CB02500
CC-A	083W04CB02900
CC-A	083W04CB03000
CC-A	083W05AA00100
CC-A	083W05AA00700
CC-A	083W05AA00800
CC-A	083W05AA00900
CC-A	083W05AA01100
CC-A	083W05AA02800
CC-A	083W05AA02900
CC-A	083W05AA03000
CC-A	083W05AA03200
CC-A	083W05AA03300
CC-A	083W05AA03400
CC-A	083W05AA03800
CC-A	083W05AA03900
CC-A	083W05AA04700
CC-A	083W05AA05800
CC-A	083W05AD00100
CC-A	083W05AD00200
CC-A	083W05AD00300
CC-A	083W05DA00100
CC-A	083W05DA00200
CC-A	083W05DA00400
CC-A	083W05DA00500
CC-A	083W05DA00800
CC-A	083W05DA00900
CC-A	083W05DA01000
CC-A	083W05DA02300
CC-A	083W05DA02400
CC-A	083W05DD01000
CC-A	083W05DD01200
CC-A	083W05DD01300
CC-A	083W05DD01400
CC-A	083W05DD01500
CC-A	083W05DD01600
CC-A	083W05DD01700
CC-A	083W08 00200
CC-A	083W08A 01000
CC-A	083W08A 01000
CC-A	083W08A 01400
CC-A	083W08A 01600
CC-A	083W08A 02000
CC-A	083W08A 02100
CC-A	083W08A 02500
CC-A	083W08A 02600
CC-A	083W08A 03000
CC-A	083W08A 03200
CC-A	083W08A 03602
CC-A	083W08A 03800
CC-A	083W08A 03901
CC-A	083W08A 04100
CC-A	083W08C 02500
CC-A	083W08C 02600
CC-A	083W08C 02700
CC-A	083W08C 03800
CC-A	083W08DB01500
CC-A	083W08DB01600
CC-A	083W08DB01700
CC-A	083W05DD01700
CC-A	083W08A 00300
CC-A	083W08A 00400
CC-A	083W08A 00700
CC-A	083W08A 01000
CC-B	083W08C 02700
CC-B	083W08C 03800
CC-B	083W08C 03900
CC-B	083W17B 00100
CC-C	083W17B 00100
CC-C	083W17B 01100
CC-D	083W17B 01100
CC-D	083W17B 01100
CC-D	083W17B 01200
CC-D	083W17B 01200
CC-D	083W17B 01302
CC-D	083W17B 01400
CC-D	083W17B 01500
CC-D	083W17B 01600
CC-D	083W17B 01700
CC-D	083W17B 01900
CC-D	083W17B 02000
CC-D	083W17C 00100
CC-D	083W17C 00200
CC-D	083W18A 02200
CC-D	083W18A 02400
CC-E	083W08C 00900

CLAGGETT CREEK LOWER

Wetland	Taxlot
CL-A	063W26CD07900
CL-A	063W26CD12400
CL-A	063W26CD12500
CL-B	063W25 05000
CL-B	063W26DA10900
CL-B	063W26DC02300
CL-B	063W26DC09200
CL-B	063W26DD07300
CL-B	063W26DD09200
CL-B	063W26DD09500
CL-B	063W26DD09700
CL-B	063W26DD09800
CL-B	063W26DD09900

CL-B	063W35 00100
CL-B	063W35 00100
CL-B	063W35AA01300
CL-B	063W35AB01300
CL-B	063W35AB01500
CL-B	063W35AB03500
CL-B	063W35AB03800
CL-B	063W35AB04100
CL-B	063W35AB04900
CL-B	063W35AB05000
CL-B	063W35AB05100
CL-B	063W35AB05200
CL-B	063W35AB05300
CL-B	063W35AB05400
CL-B	063W35AB05500
CL-B	063W35AB05600
CL-B	063W35AB05700
CL-B	063W35BA01800
CL-B	063W35BA02000
CL-B	063W35BA02100
CL-B	063W35BA02200
CL-C	063W34 01800
CL-C	063W34AC03800
CL-C	063W34AC03900
CL-C	063W34AC04000
CL-C	063W34AC04100
CL-C	063W34DA04900
CL-C	063W35 00600
CL-C	063W35BC07000
CL-C	063W35BC07100
CL-C	063W35BC07200
CL-C	063W35BC07300
CL-C	063W35BC07400
CL-C	063W35BC07500
CL-C	063W35BC07600
CL-C	063W35BC07700
CL-C	063W35BC07800
CL-C	063W35BC07900
CL-C	063W35BC08000
CL-C	063W35BC08001
CL-C	063W35BC08002
CL-C	063W35BC08100
CL-C	063W35BC08200
CL-C	063W35BC08300
CL-C	063W35BC08400
CL-C	063W35BC08500
CL-C	063W35BD02600
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CL-D	063W26CC07800
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CL-D	063W26CC08000
CL-D	063W26CC08100
CL-D	063W26CC08200
CL-D	063W26CC08400
CL-D	063W26CC08500
CL-D	063W35 00100
CL-D	063W35 00100
CL-D	063W35 00100
CL-D	063W35 00100
CL-D	063W35BA02300
CL-D	063W35BA02300
CL-D	063W35BB00300
CL-D	063W35BB00400
CL-D	063W35BB00500
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CL-D	063W35BB00700
CL-E	063W35 00400
CL-E	063W35AC00100
CL-E	063W35AC00200
CL-E	063W35AC00300
CL-E	063W35AC03400
CL-E	063W35BD00900
CL-E	063W35BD01000
CL-E	063W35BD01100
CL-E	063W35BD01400
CL-E	063W35BD01500
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CL-E	063W35BD01800
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CL-E	063W35BD02000
CL-E	063W35BD02100
CL-E	063W35CA01901
CL-F	063W35 00200
CL-F	063W35 00300
CL-F	063W35BA02300
CL-F	063W35BA02300
CL-F	063W35BA02400
CL-F	063W35BC02400
CL-F	063W35BC08500
CL-F	063W35BD02500
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CL-F	063W35CB02200
CL-F	063W35CB02300
CL-F	063W35CB02400
CL-G	063W35CA01100
CL-G	063W35CA01200
CL-G	063W35CA01300
CL-G	063W35CA01700
CL-G	063W35CA01800
CL-G	063W35CA01800
CL-G	063W35CA01803
CL-G	063W35CA02500
CL-G	063W35CA02600
CL-G	063W35CA02700
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CL-G	063W35DC04000
CL-G	063W35DC04200
CL-G	063W35DC04300
CL-G	063W35DC04300
CL-G	063W35DC04400
CL-G	063W35DC04400
CL-G	063W35DC04500
CL-G	063W35DC04600
CL-G	063W35DC04700
CL-G	063W35DD11900
CL-G	073W02AA02200
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CL-G	073W02AA02700
CL-G	073W02AB00100
CL-G	073W02AB00201
CL-H	073W02AA02800
CL-H	073W02AA02900
CL-H	073W02AA03500
CL-H	073W02AA03600
CL-H	073W02AD07200
CL-H	073W02AD07300

CL-I	073W01CC01600
CL-I	073W01CC01700
CL-I	073W01CC01800
CL-I	073W01CC01900
CL-I	073W01CC02000
CL-I	073W01CC02100
CL-I	073W02AD05300
CL-I	073W02AD05400
CL-I	073W02AD05500
CL-I	073W02AD06100
CL-I	073W02AD06200
CL-I	073W02AD06400
CL-I	073W02DA02900
CL-I	073W02DA03000
CL-I	073W02DA03600
CL-I	073W02DA05100
CL-I	073W02DA05101
CL-I	073W02DA05102
CL-I	073W02DA05103
CL-I	073W02DB00200
CL-I	073W02DB00300
CL-I	073W02DB01000
CL-I	073W02DB13100
CL-I	073W02DD00300
CL-I	073W02DD00400
CL-I	073W02DD00500
CL-I	073W02DD00700
CL-I	073W02DD00800
CL-I	073W02DD00800
CL-I	073W02DD00900
CL-I	073W02DD03100
CL-I	073W02DD03200
CL-I	073W11AA00100
CL-I	073W11AA00300
CL-I	073W11AA00300
CL-I	073W11AA01101
CL-I	073W11AA01101
CL-I	073W11AA01200
CL-I	073W11AA01300
CL-I	073W11AA01400
CL-I	073W11AA01800
CL-I	073W11AA01900
CL-I	073W11AA01900
CL-I	073W11AA04800
CL-I	073W11AA04900
CL-I	073W11AA05100
CL-I	073W12B 03401
CL-J	063W35 00100
CL-J	063W35 00100
CL-J	063W35 00100
CL-J	063W35 00100
CL-J	063W35BB01100
CL-J	063W35BB02100
CL-J	063W35BB02200
CL-J	063W35BB02300
CL-K	063W36CD00301
CL-K	073W01B 01201
CL-K	073W01B 01300
CL-L	073W01B 00900
CL-L	073W01B 01100
CL-L	073W01B 02900
CL-L	073W01B 03000
CL-M	062W31D 01600
CL-M	062W31D 01600
CL-M	062W31D 01800
CL-M	062W31D 01900
CL-M	063W36D 00100
CL-M	063W36D 00300
CL-M	063W36D 00300
CL-M	072W06B 00100
CL-M	072W06B 00200
CL-M	073W01A 02000
CL-M	073W01A 02202
CL-N	073W01C 01000
CL-N	073W01C 01300
CL-N	073W01C 01300
CL-N	073W01C 01399
CL-N	073W01C 01400
CL-N	073W01C 01500
CL-N	073W01C 01600
CL-N	073W01C 01800
CL-N	073W01C 01900
CL-N	073W01C 03400
CL-N	073W01D 01800
CL-N	073W12B 05500

CLAGGETT CREEK UPPER

Wetland	Taxlot
CU-A	073W12B 01900
CU-A	073W12B 04000
CU-A	073W12B 04200
CU-B	073W11DA00100
CU-B	073W11DA00200
CU-B	073W11DD00100
CU-B	073W11DD00200
CU-B	073W11DD00300
CU-B	073W11DD00600
CU-B	073W11DD00700
CU-B	073W11DD00800
CU-B	073W11DD02001
CU-B	073W12 00100
CU-B	073W12 00100
CU-B	073W12B 00900
CU-B	073W12B 01900
CU-B	073W12B 01900
CU-B	073W12CA00100
CU-B	073W12CA00200
CU-B	073W12CA00500
CU-B	073W12CA01200
CU-B	073W12CA01700
CU-B	073W12CA01900
CU-B	073W12CA02000
CU-B	073W12CA02100
CU-B	073W12CC02900
CU-B	073W12CC03200
CU-B	073W12CC03300
CU-B	073W12CC03400
CU-B	073W14AA02000
CU-B	073W14AA02100
CU-B	073W14AA02100
CU-B	073W14AB00600
CU-B	073W14AB01200
CU-C	073W12 00100
CU-C	073W12B 01300
CU-C	073W12B 01900
CU-D	073W12B 02300
CU-D	073W12B 02500
CU-D	073W12B 05500
CU-E	073W12AC02600
CU-E	073W12AC02700
CU-E	073W12AC02800
CU-E	073W12AC02900
CU-E	073W12AC03200
CU-E	073W12AC03800
CU-E	073W12AD03700
CU-E	073W12AD04100
CU-E	073W12AD04200
CU-E	073W12AD05500
CU-E	073W12AD05600
CU-E	073W12AD05900
CU-E	073W12DA02400
CU-E	073W12DA02500
CU-E	073W12DA02600
CU-E	073W12DA02900
CU-E	073W12DA06000

CU-E	073W12DB04000	CU-F	073W12AD00403	CU-K	072W17BC01300
CU-E	073W12DD02001	CU-F	073W12AD06500	CU-K	072W17BC04600
CU-E	073W12DD02100			CU-K	072W17BC05200
CU-E	073W12DD02400	CU-G	073W14DA00100	CU-K	072W17BC05400
CU-E	073W12DD02500			CU-K	072W17BC06000
CU-E	073W12DD02600	CU-H	073W14DA00100	CU-K	072W17BC08900
CU-E	073W12DD02700			CU-K	072W17BC10300
CU-E	073W12DD03400	CU-I	073W13DA00100	CU-K	072W17BC10400
CU-E	073W12DD03500	CU-I	073W13DA06200	CU-K	072W17BC12900
CU-E	073W12DD03600	CU-I	073W13DA06300	CU-K	072W17BC13200
CU-E	073W12DD03700			CU-K	072W17BC13300
CU-E	073W12DD03800	CU-J	072W18AB04803	CU-K	072W17BC17000
CU-E	073W12DD03900	CU-J	072W18AB04900	CU-K	072W17BC17300
CU-E	073W12DD04400	CU-J	072W18AB05000	CU-K	072W17BC17400
CU-E	073W12DD04401	CU-J	072W18AB05100	CU-K	072W17BC17600
CU-E	073W12DD04500	CU-J	072W18AB06800	CU-K	072W17BD00500
CU-E	073W12DD04500	CU-J	072W18AB06900	CU-K	072W17BD00900
CU-E	073W12DD04600	CU-J	072W18AB07700	CU-K	072W17BD01000
CU-E	073W13AA00800	CU-J	072W18AC02000	CU-K	072W17BD01100
CU-E	073W13AA01100	CU-J	072W18BA00200	CU-K	072W17BD01200
CU-E	073W13AA01200	CU-J	072W18BA00300	CU-K	072W17BD01300
CU-E	073W13AA01300	CU-J	072W18BD03500	CU-K	072W17BD02000
CU-E	073W13AA01400	CU-J	072W18BD03600	CU-K	072W17BD04700
CU-E	073W13AA04000	CU-J	072W18BD08200	CU-K	072W17BD04800
CU-E	073W13AA04100	CU-J	072W18BD08300	CU-K	072W17BD04900
CU-E	073W13AA04200	CU-J	072W18BD08300	CU-K	072W17BD05000
CU-E	073W13AA04300			CU-K	072W17BD05100
		CU-K	072W17BA00200	CU-K	072W17BD05200
CU-F	072W07BC00400	CU-K	072W17BA02900	CU-K	072W17BD08600
CU-F	072W07BC00800	CU-K	072W17BA03600	CU-K	072W17BD08700
CU-F	072W07BC01001	CU-K	072W17BA03700	CU-K	072W17CA01600
CU-F	072W07BC01100	CU-K	072W17BA03800	CU-K	072W17CA01700
CU-F	072W07BC01200	CU-K	072W17BA04000	CU-K	072W17CA01800
CU-F	072W07BC01400	CU-K	072W17BA04100	CU-K	072W17CA01900
CU-F	072W07BC01500	CU-K	072W17BA04200	CU-K	072W17CA02000
CU-F	072W07C 01400	CU-K	072W17BA04500	CU-K	072W17CB00100
CU-F	072W07C 01700	CU-K	072W17BA06400	CU-K	072W17CB00500
CU-F	072W07C 01800	CU-K	072W17BA06500	CU-K	072W17CB00600
CU-F	072W07C 01900	CU-K	072W17BA06800	CU-K	072W17CB04600
CU-F	072W07C 01900	CU-K	072W17BA06900	CU-K	072W17CB05000
CU-F	072W07CB00800	CU-K	072W17BB01700	CU-K	072W17CB05100
CU-F	072W07CB02000	CU-K	072W17BB01800	CU-K	072W17CB05200
CU-F	072W07CB02200	CU-K	072W17BB02100	CU-K	072W17CB08300
CU-F	072W07CB03501	CU-K	072W17BB02200	CU-K	072W17CB08400
CU-F	072W07CB04300	CU-K	072W17BB02300	CU-K	072W17CB08500
CU-F	072W07CB04400	CU-K	072W17BB02500	CU-K	072W17CB08600
CU-F	072W07CB04500	CU-K	072W17BB04800	CU-K	072W17CB08700
CU-F	072W07CB04600	CU-K	072W17BB04900	CU-K	072W17CB08800
CU-F	072W07CB05300	CU-K	072W17BB05000	CU-K	072W17CB08900
CU-F	073W12AD00102	CU-K	072W17BC01000	CU-K	072W17CB09000
CU-F	073W12AD00202	CU-K	072W17BC01100	CU-K	072W17CB10800
CU-F	073W12AD00203	CU-K	072W17BC01200	CU-K	072W17CB10900

CU-K	072W17CB11000
CU-K	072W17CB11100
CU-K	072W17CB11200
CU-K	072W17CB11300
CU-K	072W17CB11400
CU-K	072W17CB11600
CU-K	072W17CB11700
CU-K	072W17CB12100
CU-K	072W17CC12400
CU-K	072W17CC15900
CU-K	072W17CC16000
CU-K	072W17CC16100
CU-K	072W18AA01800
CU-K	072W18AA01900
CU-K	072W18AA03500
CU-K	072W18AA03600
CU-K	072W18AA04900
CU-K	072W18AD00100
CU-K	072W18AD01200
CU-K	072W18CD00100
CU-K	072W18CD00100
CU-K	072W18DA00110
CU-K	072W19AB02200
CU-K	072W19BA01300
CU-K	072W19BA01400
CU-L	072W18DD00100
CU-L	072W18DD00101
CU-M	072W19AB 3701
CU-M	072W19AB03800
CU-M	072W19AC00300
CU-M	072W19BA05200
CU-M	072W19BA05201
CU-M	072W19BA05400
CU-M	072W19BA05500
CU-M	072W19BA05600
CU-M	072W19BA05600
CU-M	072W19BA05700
CU-M	072W19BA05700
CU-M	072W19BA05800
CU-M	072W19BA05800
CU-M	072W19BA05900
CU-M	072W19BA05900
CU-M	072W19BD00100
CU-M	072W19BD00200
CU-M	072W19BD00600

DITCH

Waterway	Taxlot
DITCH	062W31D 00100
DITCH	062W31D 00200
DITCH	072W30AB07400
DITCH	072W30AB07500
DITCH	072W30AB07600
DITCH	072W30AB07700
DITCH	072W30AB07800
DITCH	072W30AB07900
DITCH	072W30AB08000
DITCH	072W30AB08100
DITCH	072W30AB08200
DITCH	072W30AB08300
DITCH	072W30AB08400
DITCH	072W30AB08500
DITCH	072W30AB08600
DITCH	072W30AB08700
DITCH	072W30AC00900
DITCH	072W30AC01000
DITCH	072W30AC01100
DITCH	072W30AC01200
DITCH	072W30AC01300
DITCH	072W30AC08200
DITCH	072W30AC08300
DITCH	072W30AC08700
DITCH	072W30AC08800
DITCH	072W30AC09300
DITCH	072W30AC11200
DITCH	072W30AC11300
DITCH	072W30AC11400
DITCH	072W30AC11500
DITCH	072W30AC11600
DITCH	072W30AC11700
DITCH	072W30AC12500
DITCH	072W30AC12600
DITCH	072W30DB00400
DITCH	072W30DB11000
DITCH	072W30DC05100
DITCH	072W30DC05200
DITCH	072W30DC05300
DITCH	072W30DC05400
DITCH	072W30DC05500
DITCH	072W30DC05600
DITCH	072W31AB02400
DITCH	072W31AB02500
DITCH	072W31AB02600
DITCH	072W31AB03000
DITCH	072W31AB04100
DITCH	072W31AB04400
DITCH	072W31AB04500
DITCH	072W31AB05400
DITCH	072W31AB05702
DITCH	072W31AB06400
DITCH	072W31AB06800
DITCH	072W31AB07000
DITCH	072W31AC00100
DITCH	072W32BA00200
DITCH	072W32BA01100
DITCH	072W32BA02000
DITCH	072W32BA02100
DITCH	072W32BA02200
DITCH	072W32BA02300
DITCH	072W32BA02500
DITCH	072W32BA09200
DITCH	072W32BA10900
DITCH	072W32BA11000
DITCH	072W32BA11100
DITCH	072W32BC00100
DITCH	072W32BC00200
DITCH	072W32BC00500
DITCH	072W32BC00600
DITCH	072W32BC00700
DITCH	072W32BC01900
DITCH	072W32BC02000
DITCH	072W32BC02100
DITCH	072W32BC02700
DITCH	072W32BC03300
DITCH	072W32BC03400
DITCH	072W32BC04900
DITCH	072W32BC05000
DITCH	072W32BC05100
DITCH	072W32BC05200
DITCH	072W32BC05800
DITCH	072W32BC05900
DITCH	072W32BC06000
DITCH	072W32BC07900
DITCH	072W32BC08100
DITCH	072W32BC08200
DITCH	072W32BC08300
DITCH	072W32BC08400
DITCH	072W32BC08500
DITCH	072W32BC11800
DITCH	072W32BC11900
DITCH	072W32BC12000
DITCH	072W32BC12200
DITCH	072W32BC12300

EAST BANK

Wetland	Taxlot
EB-A	063W27 00900
EB-A	063W34 00100
EB-A	063W34 00200
EB-A	063W34AB07800
EB-A	063W35 00100
EB-B	063W28C 01700

EB-C	063W28C 01700
EB-C	063W33 00200
EB-C	063W33 00400
EB-C	063W33 00500
EB-C	063W33 00600
EB-C	063W33 00600
EB-C	063W33 00700
EB-D	063W33 00700
EB-D	063W33 00900
EB-D	063W33 01000
EB-D	063W33 01500
EB-E	063W33 00700
EB-E	063W33 00800
EB-E	063W33 00900
EB-F	073W04 00100
EB-F	073W04 00200
EB-G	073W04 00100
EB-G	073W04 00600
EB-G	073W04A 00600
EB-G	073W04A 00800
EB-H	073W04 00300
EB-H	073W04 00300
EB-H	073W04 00400
EB-H	073W04 00500
EB-H	073W04 00600
EB-H	073W04 00600
EB-H	073W04 01000
EB-I	073W04 00600
EB-J	073W04 00600
EB-K	073W10AD07200
EB-K	073W10AD07400
EB-K	073W10AD07500
EB-K	073W10DA08800
EB-K	073W10DA09000
EB-K	073W10DA09100
EB-K	073W10DA09200
EB-K	073W10DA09300
EB-L	073W10DD05100
EB-L	073W10DD06800
EB-L	073W10DD06900
EB-L	073W15AA05500
EB-L	073W15AA05600
EB-L	073W15AA05700
EB-L	073W15AA05800
EB-L	073W15AA05900
EB-L	073W15AA06000
EB-L	073W15AA06100
EB-L	073W15AA08202
EB-L	073W15AA08300
EB-L	073W15AA08402
EB-L	073W15AA08700
EB-L	073W15AA08700
EB-L	073W15AA09100
EB-L	073W15AA09200
EB-L	073W15AA09300
EB-L	073W15AD03400
EB-L	073W15AD03500
EB-L	073W15AD03600
EB-L	073W15AD03701
EB-L	073W15AD03900
EB-L	073W15AD04000
EB-L	073W15AD04100
EB-L	073W15AD04300
EB-L	073W15AD04500
EB-M	073W11CD01601
EB-M	073W11CD01800
EB-M	073W11CD02000
EB-M	073W11CD02100
EB-N	073W14BA00100
EB-N	073W14BB00100
EB-O	073W14BA00100
EB-O	073W14BA00100
EB-P	073W14DA00100
EB-P	073W14DA00100

GLENN-GIBSON CREEKS

Wetland	Taxlot
GG-A	073W04 202
GG-A	073W04 203
GG-A	073W05DD 900
GG-A	073W05DD 1000
GG-A	073W05DD 1100
GG-A	073W05DD 1400
GG-A	073W05DD 1500
GG-A	073W05DD 1600
GG-A	073W05DD 1700
GG-A	073W05DD 2100
GG-A	073W05DD 2200
GG-E	073W16A 2900
GG-E	073W16A 2908
GG-E	073W16BD 3500
GG-E	073W16BD 3500
GG-E	073W16BD 3501
GG-E	073W16BD 3501
GG-E	073W16BD 5200
GG-E	073W16BD 5300
GG-E	073W16BD 5400
GG-E	073W16BD 5500
GG-E	073W16BD 5901
GG-E	073W16BD 6300
GG-E	073W16BD 6400
GG-E	073W16BD 6500
GG-E	073W16BD 6600
GG-E	073W16BD 6700
GG-E	073W16BD 6800
GG-E	073W16BD 6900
GG-E	073W16BD 7000
GG-E	073W16BD 7100
GG-E	073W16BD 7200
GG-E	073W16CB 6400
GG-E	073W16CB 6500
GG-E	073W16CB 6600
GG-E	073W16CB 6700
GG-E	073W16CB 6800
GG-E	073W16CB 6900
GG-E	073W16CB 7000
GG-E	073W16CB 7100
GG-E	073W16CB 7300
GG-E	073W16CB 7400
GG-E	073W16CB 7600
GG-E	073W16CB 7700
GG-E	073W16CB 7800
GG-E	073W16CB 8000
GG-E	073W16CB 8100
GG-E	073W16CB 8401
GG-E	073W16CB 8402
GG-E	073W16DB 3800
GG-E	073W16DB 3900
GG-F	073W16C 1100
GG-F	073W16DB 100
GG-F	073W16DB 500
GG-F	073W16DB 600
GG-F	073W16DB 2600
GG-F	073W16DB 2800
GG-F	073W16DB 2900
GG-F	073W16DB 3500
GG-F	073W16DB 5300
GG-F	073W16DB 5400
GG-F	073W16DB 6200

GG-G	073W
GG-G	073W16C 1100
GG-G	073W16CD 1600
GG-G	073W16CD 1600
GG-G	073W16CD 2300
GG-G	073W16CD 2400
GG-G	073W21BA 100
GG-G	073W21BA 100
GG-G	073W21BA 200
GG-G	073W21BB 1100
GG-G	073W21BB 1200
GG-G	073W21BB 9000
GG-G	073W21BB 9100
GG-H	073W20AA 2200
GG-H	073W20AA 2300
GG-H	073W20AA 2400
GG-H	073W20AA 2500
GG-H	073W20AA 2600
GG-H	073W20AA 2700
GG-H	073W20AA 2800
GG-H	073W20AA 2900
GG-H	073W20AA 3000
GG-H	073W20AA 3100
GG-H	073W20AA 3200
GG-H	073W20AA 3400
GG-H	073W20AA 7900
GG-H	073W20AA 8000
GG-H	073W20AA 8100
GG-H	073W20AA 8200
GG-H	073W20AA 8300
GG-H	073W20AA 8400
GG-H	073W20AA 8500
GG-H	073W20AA 8600
GG-H	073W20AA 8700
GG-H	073W20AA 8800
GG-H	073W20AA16700
GG-H	073W20AA16800
GG-H	073W20AA16900
GG-H	073W20AA17000
GG-H	073W20AB 1700
GG-H	073W20AB 1800
GG-H	073W20AB 2000
GG-H	073W20AB 3100
GG-H	073W20AB 3200
GG-H	073W20AB 3300
GG-H	073W20AB 3400
GG-H	073W20AB 3500
GG-H	073W20AB 3600
GG-H	073W20AB 7500
GG-H	073W20AB 7600
GG-H	073W20AB 7800
GG-H	073W20AB 7900
GG-H	073W20AB 8000
GG-H	073W20AB 8100
GG-H	073W20AB 8200
GG-H	073W20AB 8300
GG-H	073W20AB 8400
GG-H	073W20AB 8500
GG-H	073W20AB 8600
GG-H	073W20AB 8700
GG-H	073W20AB 8800
GG-H	073W20AB 8900
GG-H	073W20AB 9000
GG-H	073W20AB 9100
GG-H	073W20AB 9200
GG-H	073W20AB 9300
GG-H	073W20AB 9400
GG-H	073W20AB 9500
GG-H	073W20AB 9600
GG-H	073W20AB 9700
GG-H	073W20AB 9800
GG-H	073W20AB 9900
GG-H	073W20AB10100
GG-H	073W20AB10200
GG-H	073W20AB12600
GG-H	073W20AB12700
GG-H	073W20B 600
GG-H	073W20B 700
GG-H	073W20BC 100
GG-H	073W20BC 101
GG-H	073W20BC 102
GG-H	073W20BC 200
GG-H	073W20BC 1800
GG-H	073W20BC 2000
GG-H	073W20BC10200
GG-H	073W20BC10800
GG-H	073W20BC10900
GG-H	073W20BC11000
GG-H	073W20BD 100
GG-H	073W20BD 200
GG-H	073W21BB 100
GG-H	073W21BB 200
GG-H	073W21BB 300
GG-H	073W21BB 400
GG-H	073W21BB 500
GG-H	073W21BB 600
GG-H	073W21BB 700
GG-H	073W21BB 800
GG-H	073W21BB 900
GG-H	073W21BB 1000
GG-H	073W21BB 1100
GG-I	073W19AD 104
GG-I	073W19AD 105
GG-I	073W19DB 100
GG-I	073W20BC 2000
GG-J	073W19 200
GG-J	073W19 1400
GG-J	073W19 1904
GG-J	073W19DB 100
GG-J	073W19DB 200
GG-J	073W19DB 300
GG-J	073W19DB 400
GG-J	073W19DB 1700
GG-J	073W19DB 1900
GG-J	073W19DB 2200
GG-J	073W19DB 2300
GG-J	073W19DB 2400
GG-J	073W19DB 2500
GG-J	073W19DB 2600
GG-J	073W19DB 2700
GG-J	073W19DB 2800
GG-J	073W19DB 2900
GG-J	073W19DB 3000
GG-J	073W19DB 3100
GG-J	073W19DB 3800
GG-J	073W19DB 3900
GG-J	073W19DB 4400
GG-J	073W19DB 5900
GG-K	073W19 200
GG-K	073W19 501
GG-M	073W
GG-M	073W09 413
GG-M	073W09 413
GG-M	073W09 600
GG-M	073W09CC 200
GG-M	073W09CC 401
GG-M	073W09CC 402
GG-M	073W09CC 402
GG-N	073W08DD 1100
GG-N	073W08DD 1200
GG-N	073W08DD 1300
GG-N	073W08DD 1500
GG-N	073W08DD 1600
GG-N	073W09 600
GG-N	073W17 3702
GG-N	073W17 3802
GG-N	073W17AA 700
GG-N	073W17AA 800
GG-N	073W17AA 900

GG-N	073W17AA 1000
GG-N	073W17AA 1100
GG-N	073W17AA 1200
GG-N	073W17AA 1300
GG-N	073W17AA 5300
GG-N	073W17AA 5300
GG-N	073W17AA 5400
GG-N	073W17AA 5500
GG-N	073W17AA 6300
GG-N	073W17AA 6300
GG-N	073W17AA 8300
GG-N	073W17AA11800
GG-N	073W17AA11800
GG-N	073W17AA11900
GG-N	073W17AA12000
GG-N	073W17AA12000
GG-N	073W17AA17200
GG-N	073W17AA17300
GG-N	073W17AA17400
GG-N	073W17AA17600
GG-N	073W17AA17700
GG-N	073W17AD 1100
GG-N	073W17AD 1100
GG-N	073W17AD 3200
GG-N	073W17B 400
GG-O	073W08D 1700
GG-O	073W08D 1800
GG-O	073W08D 1800
GG-O	073W08DC 100
GG-O	073W08DC 200
GG-O	073W08DC 300
GG-O	073W08DC 400
GG-O	073W08DC 500
GG-O	073W17AA 5500

MILL CREEK

Wetland	Taxlot
MC-A	073W22AC00000
MC-A	073W22AC03000
MC-A	073W22AC03000
MC-A	073W22AC03200
MC-A	073W22AC03600
MC-A	073W22AC03700
MC-A	073W22AC03800
MC-A	073W22AC03900
MC-A	073W22AD08400
MC-A	073W22AD08700
MC-A	073W22AD10200
MC-A	073W22AD11600
MC-A	073W22AD11700
MC-A	073W22DA01100
MC-A	073W22DA02800
MC-A	073W22DA03000
MC-A	073W22DA04300
MC-A	073W22DA04400
MC-A	073W22DA06500
MC-A	073W22DA06999
MC-A	073W22DA08400
MC-A	073W22DA08500
MC-A	073W22DA09000
MC-A	073W22DA09300
MC-A	073W22DA09400
MC-A	073W22DA09600
MC-A	073W22DA09700
MC-A	073W22DA09800
MC-A	073W22DA09801
MC-A	073W22DA90000
MC-A	073W22DB00100
MC-A	073W22DB01400
MC-A	073W23CB03200
MC-A	073W23CB03900
MC-A	073W23CB03900
MC-A	073W23CB05200
MC-A	073W23CB05400
MC-A	073W23CB07000
MC-A	073W23CB07100
MC-A	073W23CB10400
MC-A	073W23CB13000
MC-A	073W23CD00700
MC-A	073W23CD00800
MC-A	073W23CD02000
MC-A	073W23CD02100
MC-A	073W23CD02200
MC-A	073W23CD02300
MC-A	073W23CD04000
MC-A	073W23CD04100
MC-A	073W23CD04900
MC-A	073W23CD05400
MC-A	073W23CD05500
MC-A	073W23CD08200
MC-A	073W23CD08300
MC-A	073W23DC13600
MC-A	073W25 00800
MC-A	073W26AB04900
MC-A	073W26AB05000
MC-A	073W26AB05100
MC-A	073W26AB05500
MC-A	073W26AB05600
MC-A	073W26AB06100
MC-A	073W26AB06400
MC-A	073W26AB07700
MC-A	073W26AB09100
MC-A	073W26AB09700
MC-A	073W26AB09800
MC-A	073W26AB09900
MC-A	073W26AB10600
MC-A	073W26AB11100
MC-A	073W26AB13100
MC-A	073W26AB13500
MC-A	073W26AB13600
MC-A	073W26AC02300
MC-A	073W26AC02400
MC-A	073W26AC04600
MC-A	073W26AC04700
MC-A	073W26AC04800
MC-A	073W26AC07900
MC-A	073W26AC08000
MC-A	073W26AC08200
MC-A	073W26AC10300
MC-A	073W26AC10500
MC-A	073W26AC10600
MC-A	073W26AC12700
MC-A	073W26AC13500U1
MC-A	073W26AC90000
MC-A	073W26BA00200
MC-A	073W26BA02500
MC-A	073W26BA02600
MC-A	073W26BA02700
MC-A	073W26BA02900
MC-A	073W26BA03600
MC-A	073W26BA04100
MC-A	073W26BA04200
MC-A	073W26BA07400
MC-A	073W26DA05700
MC-A	073W26DA10600
MC-A	073W26DA12000
MC-A	073W26DA13000
MC-A	073W26DA13300
MC-A	073W26DA15300
MC-A	073W26DB00600
MC-A	073W26DB00700
MC-A	073W26DB00800
MC-A	073W26DB01100
MC-A	073W26DB01300
MC-A	073W26DB01400
MC-A	073W26DD00200
MC-AA	073W26CB01900
MC-AA	073W26CB02000
MC-AA	073W26CB02100
MC-AA	073W26CB02400
MC-AA	073W26CB02400
MC-AA	073W26CB02402
MC-AA	073W26CB02500
MC-AA	073W26CB02600

MC-AA 073W26CB02800
MC-AA 073W26CB03300
MC-AA 073W26CB03600
MC-AA 073W26CC00100
MC-AA 073W26CD01000
MC-AA 073W26CD01100
MC-AA 073W26CD02700
MC-AA 073W26CD04700
MC-AA 073W26CD04900
MC-AA 073W26CD05200
MC-AA 073W26DC13900
MC-AA 073W26DD08200
MC-AA 073W26DD13300
MC-AA 073W27AC01100
MC-AA 073W27AC01300
MC-AA 073W27AC01300
MC-AA 073W27AC01400
MC-AA 073W27AC01500
MC-AA 073W27AC01501
MC-AA 073W27AC02600
MC-AA 073W27AC02600
MC-AA 073W27AC02700
MC-AA 073W27AC03200
MC-AA 073W27AC03200
MC-AA 073W27AC04900
MC-AA 073W27AC05300
MC-AA 073W27AD01400
MC-AA 073W27AD01500
MC-AA 073W27BA01492
MC-AA 073W27BA01700
MC-AA 073W27BA03100
MC-AA 073W27BA03100
MC-AA 073W27BA03200
MC-AA 073W27BD00100
MC-AA 073W27DA00100
MC-AA 073W27DA00400
MC-AA 073W27DA00500
MC-AA 073W27DA01000
MC-AA 073W27DA01100
MC-AA 073W36 00100

MC-B 073W25 00700
MC-B 073W25 00700

MC-BB 073W26DD14100
MC-BB 073W26DD14200
MC-BB 073W26DD14300
MC-BB 073W26DD14400
MC-BB 073W35AA00100
MC-BB 073W36 00511
MC-BB 073W36 00516
MC-BB 073W36 00517
MC-BB 073W36 00521
MC-BB 073W36 00900
MC-BB 073W36 00901
MC-BB 073W36 01000
MC-BB 073W36 01400

MC-C 073W25 00700

MC-CC
073W26AC13500U1
MC-CC 073W26AC13600
MC-CC 073W26AC14000
MC-CC 073W26AC14100
MC-CC 073W26AC14400
MC-CC 073W26AC14500
MC-CC 073W26AC14900
MC-CC 073W26BC04300
MC-CC 073W26BD07000
MC-CC 073W26BD07100
MC-CC 073W26BD07300
MC-CC 073W26BD07500
MC-CC 073W26BD08500
MC-CC 073W26BD08600
MC-CC 073W26BD11300
MC-CC 073W26BD11400
MC-CC 073W26BD11900
MC-CC 073W26BD13300
MC-CC 073W26BD13400
MC-CC 073W27AB03600
MC-CC 073W27AB03600
MC-CC 073W27AC00100
MC-CC 073W27AC00100
MC-CC 073W27AC03000
MC-CC 073W27AC03000
MC-CC 073W27AC03000

MC-D 073W25 00700

MC-E 073W25 00700
MC-E 073W25 00700
MC-E 073W25 00700

MC-EE 082W07C 00200
MC-EE 082W07C 00300
MC-EE 082W07C 00400
MC-EE 082W07C 00500

MC-F 073W25 00700

MC-G 072W30CB01400
MC-G 073W25 00702
MC-G 073W25 01000
MC-G 073W25 01100
MC-G 073W25 01102
MC-G 073W25 01200

MC-H 073W36 00200
MC-H 073W36 00300
MC-H 073W36 00500
MC-H 073W36 00500

MC-I 073W36 00500
MC-I 073W36 00500
MC-I 073W36 00517
MC-I 073W36 00520

MC-J 073W36 00500
MC-J 073W36 00520
MC-J 073W36 00521
MC-J 073W36 01000

MC-K 073W36 00500
MC-K 073W36 00507
MC-K 073W36 00508
MC-K 073W36 00509
MC-K 073W36 00515

MC-L 073W36 00900
MC-L 073W36 00901

MC-M 073W36 00515
MC-M 073W36 00600
MC-M 073W36 00802

MC-N 072W31BC06100
MC-N 072W31BC06100
MC-N 072W31C 00100
MC-N 073W36 00600

MC-O 073W36 02200
MC-O 073W36 02500

MC-P 073W36 02500
MC-P 073W36 02600
MC-P 073W36 02600
MC-P 082W06 00400
MC-P 082W06 01300
MC-P 082W06 01800
MC-P 082W06 01900
MC-P 082W06 02000

MC-Q 073W36 02500
MC-Q 073W36 02600
MC-Q 082W06 01900

MC-Q	082W06 01900
MC-Q	082W06 02000
MC-Q	083W01A 00100
MC-Q	083W01A 00100
MC-Q	083W01A 00601
MC-R	083W01 00100
MC-S	082W06 01200
MC-S	082W07 00100
MC-S	082W07B 00000
MC-S	082W07B 01200
MC-T	082W07 00100
MC-T	082W18 00000
MC-U	072W31C 00200
MC-V	082W08 00100
MC-V	082W08 00100
MC-V	082W08 00100
MC-W	082W06 00400
MC-W	082W06 00500
MC-W	082W06 00800
MC-W	082W06 00900
MC-W	082W06 01002
MC-W	082W06 01200
MC-X	082W08 00100
MC-Y	082W18 00000
MC-Y	082W20 00000
MC-Y	082W20C 00300
MC-Z	073W27DA05800
MC-Z	073W27DA05801

PRINGLE CREEK

Wetland	Taxlot
PC-A	073W27D 00100
PC-A	073W27DD00100
PC-AA	082W18CB00400
PC-AA	082W18CB00500
PC-B	073W27D 00100
PC-B	073W34AA16900
PC-B	073W35BB07400
PC-B	073W35BB07500
PC-B	073W35BB07600
PC-B	073W35BC06100
PC-B	073W35BC06300
PC-B	073W35BC06400
PC-B	073W35BC06500
PC-B	073W35BC07600
PC-BB	082W19C 00600
PC-BB	082W19C 00700
PC-C	073W34AC00100
PC-C	073W34AD11700
PC-C	073W34AD12400
PC-C	073W34AD12500
PC-C	073W34AD12600
PC-C	073W34AD13100
PC-C	073W34AD13200
PC-C	073W34AD13700
PC-C	073W34AD15400
PC-C	073W34DA02000
PC-C	073W34DA02100
PC-C	073W34DA02200
PC-C	073W34DC09400
PC-C	073W34DC09501
PC-C	073W34DC09502
PC-C	073W34DC09600
PC-C	073W34DC09800
PC-C	073W34DC10000
PC-C	073W34DC10100
PC-C	073W34DD07500
PC-C	073W34DD07600
PC-C	073W34DD07900
PC-C	073W34DD08000
PC-C	073W34DD08600
PC-C	073W34DD08700
PC-C	073W34DD09100
PC-C	073W34DD09200
PC-C	073W34DD09201
PC-C	073W34DD09900
PC-C	073W34DD10100
PC-C	073W34DD10200
PC-C	073W34DD10300
PC-C	073W34DD10400
PC-C	073W34DD10500
PC-C	073W34DD10600
PC-C	073W34DD10800
PC-C	073W34DD10900
PC-C	073W35CB02800
PC-C	073W35CB02900
PC-C	073W35CB03200
PC-C	073W35CB03301
PC-C	073W35CC01000
PC-C	073W35CC01100
PC-C	073W35CC01200
PC-C	073W35CC01300
PC-C	073W35CC01400
PC-C	073W35CC01500
PC-C	073W35CC02701
PC-C	073W35CC02801
PC-C	073W35CC02900
PC-C	073W35CC03000
PC-C	073W35CC03400
PC-C	073W35CC03900
PC-C	083W03AB01000
PC-C	083W03AB03300
PC-C	083W03AB04100
PC-C	083W03AB04200
PC-C	083W03AB04500
PC-C	083W03AB04600
PC-C	083W03AB05000
PC-C	083W03AC04100
PC-C	083W03AC04500
PC-C	083W03AC04600
PC-C	083W03AC04700
PC-C	083W03AC04800
PC-C	083W03AC04900
PC-CC	082W18B 01000
PC-CC	082W18B 01600
PC-CC	082W18B 01700
PC-CC	082W18B 02200
PC-CC	082W18B 02300
PC-CC	082W18B 02400
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PC-D	073W35CB00100
PC-D	073W35CB00200
PC-D	073W35CB00300
PC-D	073W35CB00599
PC-D	073W35CB00599
PC-D	073W35CD01000
PC-D	073W35CD01100
PC-D	073W35CD01400
PC-D	083W02 00205
PC-D	083W02AB02200
PC-D	083W02AB02400
PC-D	083W02AB02500
PC-D	083W02BA00200
PC-D	083W02BA00300
PC-D	083W02BA00400

PC-DD	083W13A 00400
PC-E	073W35AC01900
PC-E	073W35CA00200
PC-E	073W35CA00300
PC-E	073W35CA00301
PC-E	073W35CA00400
PC-E	073W35DB04500
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PC-F	073W35D 00200
PC-F	073W35D 00200
PC-F	073W35D 00203
PC-F	073W35DA00100
PC-F	073W35DA00200
PC-F	073W35DA00201
PC-F	073W35DB03700
PC-F	073W35DB03900
PC-F	073W35DB04000
PC-F	073W35DB04500
PC-F	073W35DC00100
PC-F	073W35DC00200
PC-F	083W02A 00100
PC-F	083W02A 00200
PC-F	083W02A 00300
PC-F	083W02A 00700
PC-F	083W02A 00700
PC-F	083W02AB00100
PC-F	083W02AB00300
PC-G	083W02 00202
PC-G	083W02 00205
PC-G	083W02 00206
PC-G	083W02AB02200
PC-G	083W02AB02300
PC-G	083W02BA00400
PC-G	083W02BA01601
PC-G	083W02BD00100
PC-G	083W02BD02500
PC-G	083W02BD02600
PC-G	083W02BD03400
PC-G	083W02BD03500
PC-G	083W02BD03600
PC-G	083W02BD03800
PC-G	083W02BD04200
PC-G	083W02BD04500
PC-G	083W02BD04501
PC-G	083W02BD04600
PC-G	083W02BD06101
PC-G	083W02BD07300
PC-G	083W02BD07500
PC-G	083W02BD07600
PC-H	083W01 00400
PC-H	083W01 00404
PC-H	083W01 00500
PC-H	083W02 00200
PC-H	083W02 00201
PC-H	083W02 00600
PC-H	083W02 00700
PC-H	083W02 00800
PC-H	083W02 00900
PC-H	083W02 01100
PC-H	083W02 01200
PC-H	083W02 01300
PC-H	083W02 01700
PC-H	083W02 01900
PC-H	083W12A 00500
PC-H	083W12A 00600
PC-H	083W12B 00301
PC-I	083W01 00500
PC-I	083W12A 00800
PC-I	083W12A 00801
PC-I	083W12A 00802
PC-I	083W12A 00803
PC-I	083W12A 01100
PC-I	083W12A 01102
PC-I	083W12B 00200
PC-I	083W12B 00300
PC-I	083W12B 00500
PC-I	083W12C 02200
PC-I	083W12C 02200
PC-I	083W12D 01000
PC-J	082W07C 02200
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PC-J	083W12A 00400
PC-J	083W12A 00500
PC-J	083W12A 00500
PC-J	083W12A 00800
PC-J	083W12A 00803
PC-J	083W12A 00804
PC-J	083W12A 01000
PC-J	083W12A 01400
PC-J	083W12A 01500
PC-J	083W12A 01600
PC-K	083W02 00100
PC-K	083W02 00200
PC-K	083W02 00300
PC-K	083W02 00300
PC-K	083W02CA00500
PC-K	083W02CA00600
PC-K	083W02CA00700
PC-K	083W02CA00800
PC-K	083W02CA00900
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PC-K	083W02CA09500
PC-K	083W02CA09600
PC-K	083W02CA13600
PC-K	083W02CA13700
PC-K	083W02CA17600
PC-K	083W02CA17700
PC-K	083W11 00200
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PC-L	083W02CC06900
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PC-L	083W02CC07300
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PC-L	083W02CC07700
PC-L	083W02CC09000
PC-L	083W02CC09100
PC-L	083W02CC09202
PC-L	083W03DD10302
PC-L	083W03DD10400
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PC-L	083W10AA00201
PC-L	083W10AA00300
PC-L	083W10AA00400
PC-L	083W10AA00600
PC-L	083W10AB00500
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PC-L	083W10AB00700
PC-L	083W10AB00900
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PC-L	083W10AB01300
PC-L	083W10AB01400
PC-L	083W11BB00100
PC-L	083W11BB00200

PC-M	083W10AB02600
PC-M	083W10AB02700
PC-M	083W10AB02800
PC-M	083W10AB03400
PC-M	083W10AB04600
PC-M	083W10AB04700
PC-M	083W10AB04800
PC-M	083W10AB04900
PC-M	083W10AB06600
PC-M	083W10AB06700
PC-M	083W10AB06900
PC-M	083W10AC00100
PC-M	083W10AC00204
PC-M	083W10AC00210
PC-M	083W10AC00211
PC-M	083W10AC00212
PC-M	083W10AC00213
PC-M	083W10AC00214
PC-M	083W10AC00220
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PC-M	083W10AC00400
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PC-M	083W10AC03900
PC-M	083W10AC04000
PC-M	083W10AC04100
PC-M	083W10AC04200
PC-M	083W10AC04300
PC-M	083W10AC04400
PC-M	083W10AC04401
PC-M	083W10AC04402
PC-M	083W10AC04403
PC-M	083W10AC04900
PC-M	083W10AC05000
PC-M	083W10AC05200
PC-M	083W10AC05300
PC-M	083W10AC05400
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PC-M	083W10BA00900
PC-M	083W10BA01100
PC-M	083W10BD07700
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PC-M	083W10CA00300
PC-M	083W10CA00500
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PC-M	083W10CA02200
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PC-N	083W09CA08700
PC-N	083W09CA09300
PC-N	083W09CA09400
PC-N	083W09CA09500
PC-N	083W09CA10300
PC-N	083W09CA10400
PC-N	083W09DA02500
PC-N	083W09DA02602
PC-N	083W09DA02700
PC-N	083W09DA09800
PC-N	083W09DA10200
PC-N	083W09DA13200
PC-N	083W09DA13500
PC-N	083W09DA13700
PC-N	083W09DB01700
PC-N	083W09DB01900
PC-N	083W10CB08100
PC-N	083W10CB08600
PC-N	083W10CB09700
PC-N	083W10CB10200
PC-N	083W10CB11300
PC-N	083W10CB11800
PC-N	083W10CB11900
PC-N	083W10CB12000
PC-N	083W10CB12100
PC-N	083W10CB12500
PC-O	083W03CA01800
PC-O	083W03CA01900
PC-O	083W03CA02100
PC-O	083W03CA02300
PC-O	083W03CA02300
PC-O	083W03CA02501
PC-O	083W03CA02501
PC-O	083W03CA02502
PC-O	083W03CA02502
PC-O	083W03CA02503
PC-O	083W03CB00100
PC-O	083W03CB00101
PC-O	083W03CB03500
PC-O	083W03CB03501
PC-O	083W03CB03701
PC-O	083W03CB90000
PC-O	083W03CB90000
PC-O	083W04DD02200
PC-O	083W04DD02300
PC-O	083W04DD02600
PC-O	083W04DD02700
PC-P	083W02 00201
PC-P	083W02 00400
PC-P	083W02 00400
PC-P	083W11 00300
PC-P	083W11 00300
PC-P	083W11 00300
PC-P	083W11 00400
PC-P	083W11CD03500
PC-P	083W11CD03600
PC-P	083W11CD03700
PC-P	083W11D 00200
PC-P	083W11D 00801
PC-P	083W11D 00900
PC-P	083W11D 01000
PC-P	083W11D 01100
PC-P	083W11D 01200
PC-P	083W11D 01300
PC-P	083W11D 01900
PC-P	083W11DB00100
PC-P	083W11DB07400
PC-P	083W11DC00700
PC-P	083W11DC00800
PC-P	083W11DC02300
PC-P	083W11DC02400
PC-P	083W11DC03400
PC-P	083W11DC03401
PC-P	083W11DC03800
PC-P	083W11DC04900
PC-P	083W11DC05300
PC-P	083W11DC05400
PC-P	083W11DC05500
PC-P	083W11DC06000

PC-P	083W12B 01498
PC-P	083W14AB00701
PC-Q	083W11BB02300
PC-Q	083W11BB04100
PC-Q	083W11BB04200
PC-Q	083W11BB06100
PC-Q	083W11BB06200
PC-Q	083W11BB06400
PC-Q	083W11BB06700
PC-Q	083W11BB06800
PC-Q	083W11BB09600
PC-Q	083W11BC03000
PC-R	083W11D 00700
PC-R	083W11D 02100
PC-R	083W11D 02200
PC-R	083W14 00108
PC-R	083W14 00201
PC-R	083W14AB00200
PC-R	083W14AB00202
PC-R	083W14AB00203
PC-R	083W14AC03500
PC-R	083W14AC03700
PC-R	083W14AC03704
PC-S	083W14AC03300
PC-T	083W01 00403
PC-T	083W01 00404
PC-T	083W12A 00801
PC-T	083W12A 00803
PC-T	083W12A 00804
PC-T	083W12B 00400
PC-T	083W12B 00500
PC-T	083W12B 00600
PC-T	083W12B 01496
PC-T	083W12B 01497
PC-T	083W13BD10900
PC-T	083W13BD11000
PC-T	083W13BD11800
PC-T	083W13C 00102
PC-T	083W13C 00102
PC-T	083W13C 00200
PC-U	082W07B 02100
PC-U	082W07C 00100
PC-U	082W07C 00200
PC-U	082W07C 00300
PC-U	082W07C 00400
PC-U	082W07C 00500
PC-U	082W07C 00700
PC-U	082W07C 00800
PC-U	082W07C 00900
PC-U	082W07C 01200
PC-U	082W07C 01603
PC-U	082W07C 01800
PC-U	082W07C 01802
PC-U	082W07C 02200
PC-U	082W07C 02300
PC-V	083W02 00400
PC-W	082W07C 01900
PC-W	083W12D 02501
PC-W	083W12D 02501
PC-W	083W12D 02900
PC-W	083W12D 03100
PC-W	083W13A 00100
PC-W	083W13A 00200
PC-X	082W18B 00400
PC-X	082W18B 00400
PC-X	082W18B 00500
PC-X	082W18B 00500
PC-X	082W18B 01100
PC-X	082W18B 01101
PC-X	082W18B 01200
PC-X	082W18B 01300
PC-X	082W18B 01300
PC-X	082W18B 01400
PC-X	082W18B 01500
PC-X	082W18B 02300
PC-X	082W18CA00600
PC-X	082W18CA00700
PC-X	082W19B 00100
PC-X	082W19B 00200
PC-X	082W19B 00700
PC-X	082W19B 00900
PC-X	082W19B 01000
PC-X	082W19B 01300
PC-X	082W19B 01400
PC-Y	083W12A 01302
PC-Z	083W13DA01500
PC-Z	083W13DA01600
PC-Z	083W13DA01700
PC-Z	083W13DA02100
PC-Z	083W13DA02200
PC-Z	083W13DA02300
PC-Z	083W13DA02400
PC-Z	083W13DA02500
PC-Z	083W13DA02600
PC-Z	083W13DA03100
PC-Z	083W13DA03200
PC-Z	083W13DB02100
PC-Z	083W13DB02300
PC-Z	083W13DB02400

PETTIJOHN - LAUREL CREEK

Wetland	Taxlot
PJ-A	083W06 00300
PJ-A	083W06 00300
PJ-A	083W06 00600
PJ-B	083W05AC06801
PJ-B	083W05B 00900
PJ-B	083W05B 01000
PJ-B	083W05B 01100
PJ-B	083W05B 01200
PJ-B	083W05B 01300
PJ-B	083W05B 01400
PJ-B	083W05B 01500
PJ-B	083W05B 01600
PJ-B	083W05B 01700
PJ-B	083W05B 01800
PJ-B	083W05B 02100
PJ-B	083W05C 02100
PJ-B	083W05C 02200
PJ-B	083W05C 02301
PJ-B	083W05C 02301
PJ-B	083W06 00800
PJ-B	083W06 00900
PJ-C	083W06 00600
PJ-C	083W06C 00402
PJ-C	083W06C 00500
PJ-C	083W06C 00502

LITTLE PUDDING RIVER

Wetland	Taxlot
PU-A	062W32 01000
PU-A	062W32B 01900
PU-A	062W32B 02000
PU-A	062W32B 02100
PU-A	062W32B 02200
PU-A	062W32B 02300
PU-A	062W32B 02400
PU-A	062W32B 02500
PU-A	062W32B 02600
PU-A	062W32B 03800
PU-A	062W32B 04000

PU-A	062W32B 04100
PU-A	062W32B 04200
PU-A	062W32B 04500
PU-AA	072W32CA03000
PU-AA	072W32CD03600
PU-AA	072W32CD03700
PU-AA	072W32CD03800
PU-AA	072W32CD03900
PU-AA	072W32CD90000
PU-AA	072W32CD90019
PU-AA	072W32CD90020
PU-AA	072W32CD90021
PU-AA	072W32CD90022
PU-AA	082W05 00100
PU-AA	082W05 00200
PU-AA	082W05 00400
PU-AA	082W05 00400
PU-AA	082W05 00401
PU-AA	082W05 00500
PU-AA	082W05BB02200
PU-AA	082W05BB03800
PU-B	062W32B 03500
PU-B	062W32B 03600
PU-B	062W32B 03700
PU-B	062W32CA00700
PU-B	062W32CA00700
PU-B	062W32CA00800
PU-BB	082W05 01700
PU-BB	082W05 01701
PU-BB	082W05A 03000
PU-BB	082W05A 03200
PU-BB	082W05A 03201
PU-BB	082W05A 03301
PU-C	062W32C 00100
PU-C	062W32C 00200
PU-C	062W32C 01000
PU-CC	082W04C 02500
PU-D	062W32C 00200
PU-D	062W32C 00900
PU-E	072W05BB00100
PU-E	072W05BB00200
PU-E	072W05BB00200
PU-E	072W05BB06700
PU-E	072W05BB06900
PU-E	072W05BB07400
PU-E	072W05BB07500
PU-E	072W05BB07600
PU-E	072W05BB09900
PU-E	072W05BB10000
PU-EE	082W04B 01600
PU-EE	082W04C 00700
PU-F	072W05BB04700
PU-F	072W05BB04800
PU-F	072W05BB04900
PU-F	072W05BB05000
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PU-F	072W05BB05200
PU-F	072W05BB06700
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PU-F	072W05BC11200
PU-F	072W05BC11300
PU-F	072W05BC13300
PU-F	072W05BC16100
PU-F	072W05BC16200
PU-F	072W05BC16300
PU-F	072W05BC16700
PU-F	072W05BC16800
PU-F	072W05BC16900
PU-F	072W06AD00900
PU-F	072W06AD01000
PU-F	072W06AD01100
PU-F	072W06AD01200
PU-F	072W06AD01800
PU-F	072W06AD08400
PU-F	072W06AD09100
PU-F	072W06AD09200
PU-F	072W06AD09300
PU-F	072W06AD09600
PU-F	072W06AD10300
PU-F	072W06AD10400
PU-G	072W05A 01200
PU-G	072W05A 01300
PU-G	072W05A 01400
PU-H	072W05D 01200
PU-H	072W05D 01400
PU-H	072W05D 01500
PU-H	072W05D 01600
PU-H	072W05D 01701
PU-I	072W05D 01000
PU-I	072W05D 01000
PU-I	072W05D 01100
PU-I	072W05D 01200
PU-I	072W08A 01900
PU-I	072W08A 01901
PU-I	072W08A 02200
PU-I	072W08A 02400
PU-I	072W08A 02900
PU-I	072W08A 02900
PU-I	072W08A 03000
PU-I	072W08A 03100
PU-I	072W08A 03200
PU-I	072W08A 03300
PU-I	072W08A 03400
PU-I	072W08BD02000
PU-I	072W08BD02100
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PU-I	072W08BD07300
PU-I	072W08BD11800
PU-J	072W08CD00100
PU-J	072W08CD00100
PU-J	072W08CD02500
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PU-K	072W17BA06700
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PU-L	072W17CC02100
PU-L	072W17CC02200
PU-L	072W17CC04500
PU-L	072W17CC05200
PU-L	072W17CC05500
PU-L	072W17CC05600
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PU-L	072W17CC05800
PU-L	072W17CC05900

PU-L	072W17CC06000	PU-L	072W20CC06300	PU-P	072W19DB01801
PU-L	072W17CC06100	PU-L	072W20CC06400	PU-P	072W19DB01900
PU-L	072W17CC06200	PU-L	072W20CC06500	PU-P	072W19DB01900
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PU-L	072W17CC06400	PU-L	072W20CC06700	PU-P	072W19DC03500
PU-L	072W17CC06500	PU-L	072W20CC06800	PU-P	072W19DC03800
PU-L	072W17CC06600	PU-L	072W20CC06907	PU-P	072W19DC03900
PU-L	072W17CC06700	PU-L	072W20CC07000	PU-P	072W19DC05300
PU-L	072W17CC06800	PU-L	072W20CC07100	PU-P	072W19DC05400
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PU-L	072W19AD04400	PU-M	072W19AA04200	PU-Q	072W20CA00800
PU-L	072W19AD04500	PU-M	072W19AA04700		
PU-L	072W19AD04800	PU-M	072W19AA04800	PU-R	072W29BA00102
PU-L	072W19AD05000	PU-M	072W19AA04800	PU-R	072W29BA00200
PU-L	072W19AD05100	PU-M	072W19AA05800		
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PU-L	072W19DA04800	PU-M	072W19AD00400	PU-S	072W29BA01805
PU-L	072W19DA04900	PU-M	072W19AD00400	PU-S	072W29BA02000
PU-L	072W19DA05000	PU-M	072W19AD00500	PU-S	072W29BA02100
PU-L	072W19DA05100	PU-M	072W19AD00600		
PU-L	072W19DA05200	PU-M	072W19AD03000	PU-T	072W29B 00100
PU-L	072W19DA05300	PU-M	072W19AD03400	PU-T	072W29B 00200
PU-L	072W19DA05400	PU-M	072W19AD03600	PU-T	072W29B 00200
PU-L	072W19DA05500	PU-M	072W19AD03700	PU-T	072W29C 00900
PU-L	072W19DA05600				
PU-L	072W19DA16000	PU-N	072W20BA01001	PU-U	072W20CC07500
PU-L	072W19DD03400	PU-N	072W20BA01001	PU-U	072W20CC07600
PU-L	072W19DD03500	PU-N	072W20BD00100	PU-U	072W20CC12800
PU-L	072W19DD03600	PU-N	072W20BD00500	PU-U	072W20CC12900
PU-L	072W19DD03700			PU-U	072W20CC13100
PU-L	072W19DD03800	PU-O	072W19AC01702	PU-U	072W20CC13200
PU-L	072W19DD03900	PU-O	072W19AC01702	PU-U	072W20CC13300
PU-L	072W19DD04000	PU-O	072W19AC02300	PU-U	072W29BB01800
PU-L	072W19DD04100	PU-O	072W19AC02401	PU-U	072W29BB01900
PU-L	072W19DD04200	PU-O	072W19DB00100	PU-U	072W29BB02000
PU-L	072W19DD04300	PU-O	072W19DB00100	PU-U	072W29BB02100
PU-L	072W19DD04400	PU-O	072W19DB03300	PU-U	072W29BB02200
PU-L	072W20BB00300	PU-O	072W19DB03412	PU-U	072W29BB03400
PU-L	072W20BB02300	PU-O	072W19DB03413	PU-U	072W29BC02100
PU-L	072W20BB02400	PU-O	072W19DB03413	PU-U	072W29BC02200
PU-L	072W20BB02401	PU-O	072W19DB03414	PU-U	072W29BC02300
PU-L	072W20BB03200			PU-U	072W29BC02400
PU-L	072W20BC10400	PU-P	072W19CA07000	PU-U	072W29BC02800
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PU-L	072W20BC11800	PU-P	072W19CD02700	PU-U	072W29BC03100
PU-L	072W20CC06200	PU-P	072W19DB01800	PU-U	072W29BC03700

PU-U	072W30AA07800
PU-U	072W30AA08000
PU-V	072W30AD07900
PU-V	072W30AD08000
PU-V	072W30AD08100
PU-V	072W30AD08200
PU-V	072W30AD08300
PU-V	072W30AD08300
PU-V	072W30AD08400
PU-V	072W30AD08599
PU-V	072W30DA00100
PU-W	072W31D 00100
PU-W	072W31D 00102
PU-W	072W31D 00103
PU-W	072W31D 00300
PU-W	082W05 00700
PU-W	082W05 00703
PU-W	082W05BB02400
PU-X	072W32AC05700
PU-X	072W32AC05800
PU-X	072W32AC06700
PU-X	072W32AC06701
PU-X	072W32AC06702
PU-X	072W32BD04300
PU-X	072W32BD04400
PU-X	072W32BD05800
PU-X	072W32BD05900
PU-X	072W32BD06000
PU-X	072W32BD18700
PU-X	072W32CA01600
PU-X	072W32CA02600
PU-X	072W32CA03200
PU-X	072W32CB11100
PU-X	072W32CB11300
PU-X	072W32CC03900
PU-X	072W32CC04000
PU-X	072W32CC04100
PU-X	072W32CC09000
PU-X	072W32CC09100
PU-X	072W32CC09200
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PU-X	072W32CC09400
PU-X	072W32CC09500
PU-X	072W32CC09900
PU-X	072W32CC10000
PU-X	072W32CC10100
PU-X	072W32CC10200
PU-X	072W32CD01600
PU-X	072W32CD01700
PU-X	072W32CD01800
PU-X	072W32CD01900
PU-X	072W32CD02000
PU-X	072W32CD02100
PU-X	072W32CD02200
PU-X	072W32CD02300
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PU-X	072W32CD02500
PU-X	072W32CD02600
PU-X	072W32CD02700
PU-X	072W32CD02800
PU-X	072W32CD02900
PU-X	072W32CD03000
PU-X	072W32CD03200
PU-X	072W32CD03201
PU-X	072W32CD03400
PU-X	072W32CD03401
PU-X	072W32CD03500
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PU-Y	072W32D 01000
PU-Y	072W32D 02000
PU-Y	072W32D 02100
PU-Y	072W32D 02100
PU-Y	072W32D 02101
PU-Y	072W32D 02300
PU-Y	072W32D 02400
PU-Y	072W32D 02500
PU-Y	072W32D 02600
PU-Y	072W32D 03500
PU-Y	072W32D 03700
PU-Y	072W32D 03800
PU-Z	072W32CA03000
PU-Z	072W32D 02200
PU-Z	082W05 00100

WEST BANK

Waterway	Taxlot
WB-A	073W21AC 802
WB-A	073W21AC 1700
WB-A	073W21AD 5400
WB-A	073W21AD 5800
WB-A	073W21AD 5801
WB-A	073W21AD 5802
WB-A	073W21AD 6700
WB-A	073W21AD 6701
WB-A	073W21BD 1700
WB-A	073W21BD 1701
WB-A	073W21BD 1800
WB-A	073W21BD 1900
WB-A	073W21BD 1901
WB-B	073W20C 100
WB-B	073W20DB 5600
WB-B	073W20DB 5900
WB-B	073W20DB 6000
WB-B	073W20DB 6100
WB-B	073W20DB 6200
WB-B	073W20DC 2400
WB-B	073W20DC 2500
WB-B	073W20DC 3501
WB-B	073W20DC 3502
WB-B	073W20DC 3503
WB-B	073W20DC 3600
WB-B	073W20DC 3700
WB-B	073W20DC 5100
WB-B	073W20DC 5200
WB-B	073W20DC 5300
WB-B	073W20DC 5900
WB-B	073W20DC 6000
WB-B	073W20DC 6100
WB-B	073W20DC 6200
WB-B	073W20DC 6300
WB-B	073W20DC 6400
WB-B	073W20DC 6800
WB-B	073W20DC 6900
WB-B	073W20DC 7000
WB-B	073W28C 602
WB-B	073W29A 2200
WB-B	073W29AA 2400
WB-B	073W29AA 6000
WB-B	073W29AA 6100
WB-B	073W29AA 6200
WB-B	073W29AB 103
WB-B	073W29AB 108
WB-B	073W29AB 208

WILLAMETTE RIVER

Waterway	Taxlot
WILLR	063W28C 01700
WILLR	063W33 00600
WILLR	063W33 00700
WILLR	073W03 100
WILLR	073W03DB05300
WILLR	073W03DB06500
WILLR	073W03DC02500
WILLR	073W03DC02700
WILLR	073W03DC02800
WILLR	073W03DC03400
WILLR	073W04 100
WILLR	073W04 101

WILLR 073W04 400
WILLR 073W04 00200
WILLR 073W04 00300
WILLR 073W04 00600
WILLR 073W04 01200
WILLR 073W05 105
WILLR 073W05 200
WILLR 073W05 300
WILLR 073W05 1800
WILLR 073W05 1900
WILLR 073W05 2000
WILLR 073W10 100
WILLR 073W10 600
WILLR 073W10 701
WILLR 073W10AD07801
WILLR 073W10AD08000
WILLR 073W10AD08100
WILLR 073W10AD08101
WILLR 073W10AD08102
WILLR 073W10DA08300
WILLR 073W10DA08400
WILLR 073W10DA08500
WILLR 073W10DA08700
WILLR 073W10DA09100
WILLR 073W10DA09200
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WILLR 073W10DD06800
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WILLR 073W15AA08402
WILLR 073W15AA09100
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WILLR 073W15AA09300
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WILLR 073W15AD04000
WILLR 073W15AD04100
WILLR 073W15AD04300
WILLR 073W15AD04500
WILLR 073W15AD10800
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WILLR 073W15DC00700
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WILLR 073W22AB00600
WILLR 073W22AB00900
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WILLR 073W22AC01700
WILLR 073W22C 100
WILLR 073W22C 100
WILLR 073W22C 100
WILLR 073W22C 100
WILLR 073W22CD00800
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WILLR 073W29 600
WILLR 073W29 800
WILLR 073W29 1100
WILLR 073W29 1600
WILLR 073W30 900
WILLR 073W30 1800
WILLR 073W30 2100
WILLR 073W30 00100
WILLR 073W30 00400
WILLR 073W30 00500
WILLR 073W31 00700
WILLR 073W31 01100
WILLR 073W31 01200
WILLR 073W31BB01100
WILLR 073W31BB01200
WILLR 073W32 00100
WILLR 083W06 00300
WILLR 084W01 00101

WILLAMETTE SLOUGH EAST

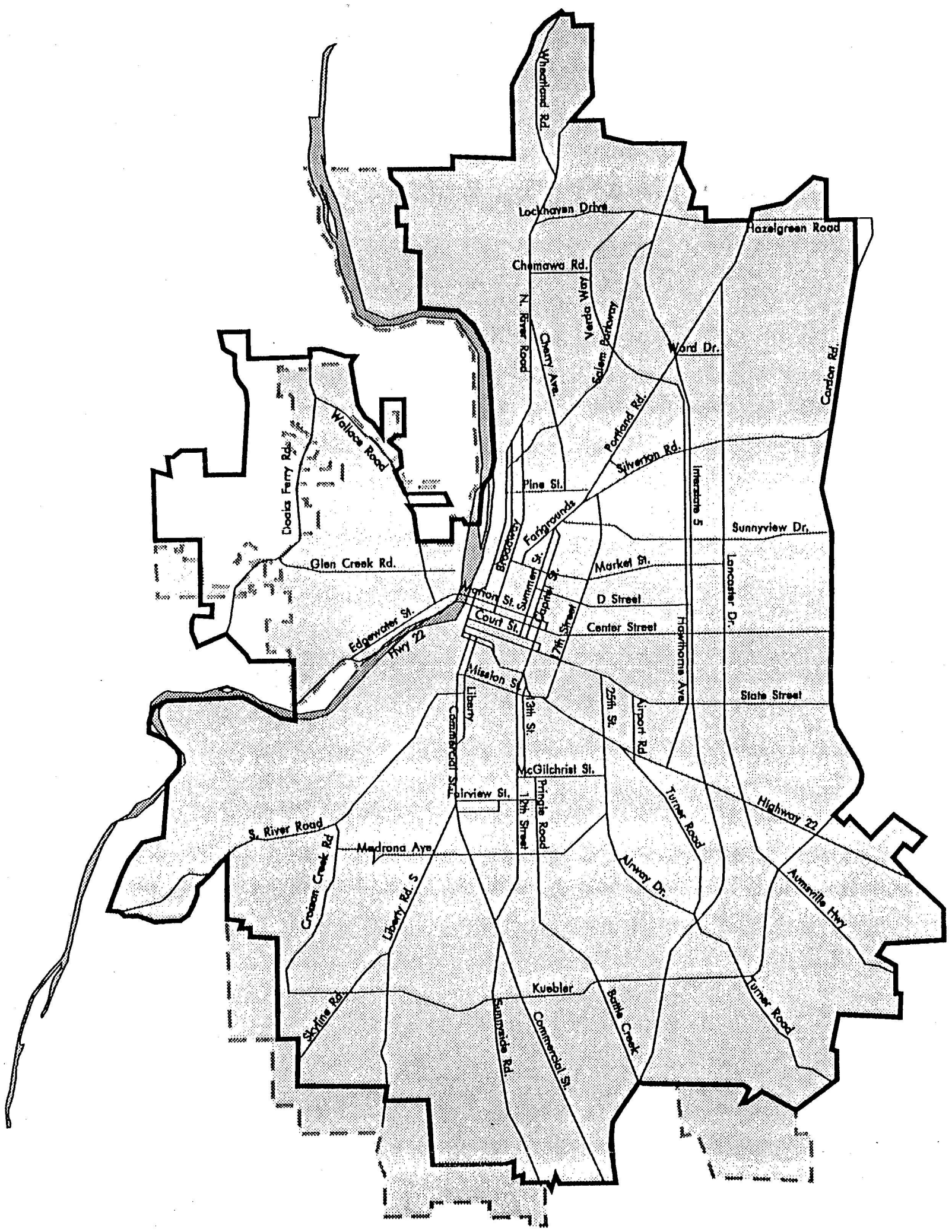
Wetland	Taxlot
WS-A	073W27 00100
WS-A	073W27 00200
WS-A	073W27 00200
WS-A	073W27 00200
WS-A	073W27 00200
WS-A	073W32 00100
WS-B	073W22CD01100
WS-B	073W22CD01700
WS-B	073W22CD01700
WS-B	073W27 00100
WS-B	073W27 00200
WS-B	073W27BA01491
WS-B	073W27BA01492
WS-B	073W27BA03100
WS-B	073W27BD00300
WS-B	073W27BD00301
WS-B	073W27BD02200
WS-B	073W27BD02300
WS-B	073W27BD02400
WS-B	073W27CB00700
WS-B	073W27CB00701
WS-B	073W27CB04100
WS-B	073W27CC13900
WS-B	073W27CC14000
WS-B	073W28DD00100
WS-B	073W28DD00200
WS-B	073W28DD00201
WS-B	073W28DD00300
WS-B	073W28DD00301
WS-B	073W28DD00400
WS-B	073W28DD00500
WS-B	073W28DD00600
WS-B	073W32 00100
WS-B	073W32 00100
WS-B	073W32 00100
WS-B	073W32 00100
WS-B	073W33A 00100
WS-B	073W33A 00200
WS-C	073W27 00200
WS-C	073W27 00200
WS-C	073W32 00100
WS-D	073W32 00100
WS-E	073W32 00100
WS-F	073W32 00100
WS-F	073W32 00100
WS-F	073W33 00300
WS-F	073W33 00300
WS-F	073W33CA00500

WS-G	073W30	00100
WS-G	073W30	00100
WS-G	073W30	00200
WS-G	073W31	00200
WS-G	073W31	00300
WS-G	073W31	00300
WS-G	073W32	00100
WS-G	073W32	00100
WS-G	073W32	00100
WS-G	073W32	00100
WS-G	073W32	00100
WS-G	073W32	00200
WS-G	073W32	00500
WS-G	073W32	00600
WS-G	073W33	00300
WS-H	073W31	02000
WS-H	073W32	00600
WS-I	083W05B	00200
WS-J	073W31	02000
WS-J	073W31	02000
WS-J	073W32	00100
WS-J	073W32	00100
WS-J	083W05B	00200
WS-J	083W06	00100
WS-J	083W06	00300
WS-J	083W06	00300
WS-K	073W32	00100
WS-K	073W32	00101
WS-K	073W33	00300
WS-L	073W32	00100
WS-N	073W31	00300
WS-N	073W31	00301
WS-N	073W31	00301
WS-N	073W31	00900
WS-N	073W31	01000
WS-N	073W31	01100
WS-N	073W31	01200
WS-N	073W31	01800
WS-N	073W32	00100
WS-O	073W31	01600
WS-O	073W31	01800
WS-O	083W06	00300
WS-P	073W31	00300
WS-Q	073W31	00700
WS-Q	073W31BB	01300
WS-Q	073W31BB	01400
WS-R	073W30	00500
WS-R	073W30CC	00100
WS-R	073W31	00400
WS-R	073W31	00500
WS-R	073W31	00700
WS-R	073W31BB	00100
WS-T	084W01	00906
WS-T	084W01	01200
WS-T	084W01	01203
WS-T	084W01	01205
WS-T	084W01	01208
WS-T	084W01	01300

WILLAMETTE SLOUGH WEST

Wetland	Taxlot	
WW-A	073W22B	200
WW-A	073W22B	201
WW-A	073W22B	201
WW-A	073W22B	900
WW-A	073W22C	200
WW-A	073W22C	301
WW-A	073W22C	304
WW-A	073W22C	404
WW-A	073W22C	601
WW-B	073W15	1701
WW-C	073W15	301
WW-C	073W15	1701
WW-C	073W15	00000
WW-C	073W15	00100
WW-C	073W22B	100
WW-C	073W22C	100
WW-C	073W22C	100
WW-D	073W15	400
WW -D	073W15	2300
WW -D	073W16A	2901
WW -D	073W16A	2903
WW -D	073W16A	2904
WW -D	073W16AB	5600
WW -D	073W16DB	2900
WW -D	073W16DB	3300
WW -D	073W16DB	3400
WW -D	073W16DB	3500

Figure 1. Salem-Keizer Local Wetlands Inventory Study Area



Mid-Willamette Valley Council of Governments
Salem-Keizer Region Local Wetlands Inventory:
February 1996 rev.

APPENDIX C: OFWAM RESULTS

Appendix C is composed of tables that document the decision-making process for the Oregon Freshwater Wetland Assessment Methodology (OFWAM) results. The information is organized by subwatershed. OFWAM provides information about wetland quality, and combined with size and location data, will identify significant wetland resources in a community. The Goal 5 process must be completed for these significant wetland resources using either the "safe harbor" or ESEE analysis/management plan approach.

The LWI rule calls for inventory of all units 1/2 acre or larger, but smaller units (such as stormwater ditches) that formed hydrologic connections between other wetlands were included on the map. However, no wetland summary sheets or OFWAM evaluations were prepared for these smaller units.

The OFWAM methodology contains guidance about how to lump or split adjacent and/or hydrologically connected wetland units. Ideally, those small connector pieces should be lumped in with the larger adjacent unit for description and evaluation. There will be some art to this, as it is inappropriate to extend the protection of significant wetland ordinances to trivial and degraded ditches that happen to outfall into a "nice" wetland. As Salem and Keizer develop protective ordinances, it will be important to field verify the boundaries with each application.

OFWAM is not intended to be used on streams (like Mill Cr.). It can and should be used on riverine wetlands, where there is a stringer of jurisdictional wetland adjacent to the banks. OFWAM should be applied to other jurisdictional wetlands, including artificial & farmed, regardless of Cowardin class.

Battle Creek Subwatershed

Wetland Identifier	BC-A	BC-B	BC-C	BC-D	BC-E	BC-F	BC-G	BC-H	BC-I	BC-J	BC-K	BC-L	BC-M	BC-N
Wetland Type	R4	Constructed ponds	R4	R4	R4	R3, PEM, pond	R3, PEM	Constructed ponds	PFO, PUB, POND	R4, PUB	PFO, PSS, PEM, R2	R2	R2, PFO, PEM	R4, PUB
Wetland Acreage	linear	0.87	linear	linear	linear	2.62	0.64	4.12	2.83	0.65	3.83	linear	0.99	0.59
Wildlife Habitat	NA		NA	NA	NA							NA	NA	
Question 1		c				c	c	c	a	b	a			b
Question 2		b				c	b	b	b	a	a			b
Question 3		c				c	c	b	c	c	b			c
Question 4		c				b	b	a	a	c	b			c
Question 5		b				a	a	b	a	a	a			a
Question 6		b				a	a	a	a	a	a			
Question 7		NA				c	c	NA	c	c	c			
Question 8		c				c	c	c	c	b	c			
Question 9		c				c	c	b	b	b	a			
Assessment Descriptor		*Provides some*				*Provides some*	*Provides some*	*Provides some*	*Provides some*	*Provides some*	*Provides some*			*Provides some*
Fish Habitat														
Streams and Rivers						NA	NA							
Question 1									b	a	a			b
Question 2									b	a	a			b
Question 3									c	b	b			b
Question 4									c	c	c			c
Question 5									c	b	c			b
Question 6									a	a	a			c
Lakes and Ponds														
Question 1		b						a						
Question 2		c						c						
Question 3		b						b						
Question 4		NA						NA						
Question 5		c						c						
Question 6		b						b						
Assessment Descriptor		*Impacted*						*Impacted*	*Impacted*	*Intact*	*Impacted*			*Impacted*
Water Quality														
Question 1		c				a	a	c	a	a	a			a
Question 2		a				a	a	a	a	a	a			a
Question 3		c				a	a	c	b	a	b			b
Question 4		b				b	b	b	b	b	b			b
Question 5		a				a	a	a	a	b	a			b
Question 6		NA				c	c	a	c	c	c			c
Assessment Descriptor		*Impacted*				*Intact*	*Intact*	*Impacted*	*Impacted*	*Intact*	*Impacted*			*Impacted*
Hydrologic Control														
Question 1		a				b	b	b	b	b	a			b
Question 2		a				a	a	a	a	a	a			a
Question 3		b				b	b	b	b	c	b			b
Question 4		a				c	c	a	c	c	c			c
Question 5		b				c	c	b	a	a	b			b
Question 6		a				a	a	a	a	b	a			b
Question 7		NA				a	a	a	a	b	b			b
Assessment Descriptor		*Intact*				*Impacted*	*Impacted*	*Intact*	*Intact*	*Impacted*	*Impacted*			*Impacted*

Battle Creek Subwatershed

Wetland Identifier	BC-A	BC-B	BC-C	BC-D	BC-E	BC-F	BC-G	BC-H	BC-I	BC-J	BC-K	BC-L	BC-M	BC-N
Sensitivity to Impacts														
Question 1		a				a	a	NA	a	b	b			b
Question 2		a				b	b	b	a	b	b			b
Question 3		NA				c	c	NA	c	c	c			c
Question 4		a				a	a	a	a	b	a			b
Question 5		a				a	a	a	a	a	a			a
Question 6		c				b	b	c	c	a	c			c
Assessment Descriptor		*Potentially sensitive*				*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*			*Potentially sensitive*
Enhancement Potential														
Question 1		a				b	b	a	a	a	a			a
Question 2		b				a	a	b	a	a	a			a
Question 3		NA				a	a	NA	a	a	a			a
Question 4		b				b	b	b	b	c	b			b
Question 5		b				c	c	b	b	b	a			c
Question 6		b				b	b	b	b	b	b			b
Assessment Descriptor		*High*				*Mod potential*	*Mod potential*	*High*	*High*	*High*	*High*			*High*
Education														
Question 1		c				a	c	c	c	c	c			c
Question 2		a				b	a	a	b	a	b			a
Question 3		b				b	b	b	b	a	b			b
Question 4		c				c	c	c	c	c	c			c
Question 5		c				a	c	c	c	c	c			c
Question 6		b				a	b	c	b	b	a			b
Assessment Descriptor		*Not appropriate*				*Has potential*	*Not appropriate*	*Not appropriate*	*Not appropriate*	*Not appropriate*	*Not appropriate*			*Not appropriate*
Recreation														
Question 1		c				a	c	c	c	c	c			c
Question 2		c				c	c	b	c	c	c			c
Question 3						a		c						
Question 4						b		b						
Question 5						b		a						
Question 6						b		b						
Assessment Descriptor		*Not appropriate*				*Has uses*	*Not appropriate*	*Has potential*	*Not appropriate*	*not appropriate*	*Not appropriate*			*Not appropriate*
Aesthetics														
Question 1		c				c	c	c	b	b	a			b
Question 2		a				a	c	c	a	c	c			c
Question 3		a				b			a	a	a			a
Question 4		b				b			b	c	b			c
Question 5		a				a			b	a	a			
Question 6		a				a			c	a	a			
Assesment Descriptor		*Mod pleasing*				*Mod pleasing*	*Not pleasing*	*Not pleasing*	*Mod pleasing*	*Not pleasing*	*Mod pleasing*			*Not pleasing*

Lower Claggett Creek Subwatershed

Wetland Identifier	CL-A	CL-B	CL-C	CL-D	CL-E	CL-F	CL-G	CL-H	CL-I	CL-J	CL-K	CL-L	CL-M	CL-N
Wetland Type(s)	PEM	DITCH	PUB	PFO	PEM	PEM, PSS	PEM, PSS, PFO	PEM	PEM, PSS, PFO	PONDS	PEM, PSS, PFO	PEM	PEM, PSS	PEM, PSS
Wetland Acreage	1.35	linear	56.17	0.20	linear	11.64	26.59	5.96	31.32	6.41	2.15	2.92	30.92	2.17
Wildlife Habitat		NA		NA	NA									
Question 1	c					a	a	a	a		a	c	b	a
Question 2	c					c	b	c	c		b	c	b	a
Question 3	c					c	a	c	b		b	c	c	c
Question 4	c					c	b	c	b		c	c	c	c
Question 5	b					a	a	c	a		b	c	a	b
Question 6	a					a	a	a	a		a	a	a	b
Question 7	NA					c	c	c	c		c	NA	c	NA
Question 8	c					c	c	b	c		c	c	a	c
WC result: Question 9	a some					a some	a some	c some	a some		a some	a some	b some	b some
Fish Habitat	NA													
Streams and Rivers														
Question 1						c	c	c	b		NA	NA	NA	NA
Question 2						b	a	c	a					
Question 3						c	b	c	b					
Question 4						c	c	c	c					
Question 5						c	c	b	c					
Question 6						a	a	a	b					
Lakes and Ponds														
Question 1														
Question 2														
Question 3														
Question 4														
Question 5														
Question 6														
Assessment Descriptor	*NA*					*Impacted*	*Impacted*	*Impacted*	*Impacted*					
Water Quality														
Question 1	a					a	a	a	a		c	c	a	c
Question 2	a					b	a	b	c		b	a	b	a
Question 3	a					a	a	a	a		a	a	a	a
Question 4	b					a	a	a	a		b	b	a	b
Question 5	a					a	a	b	a		a	a	c	a
Question 6	c					c	c	c	c		NA	NA	NA	NA
Assessment Descriptor	*Intact*					*Impacted*	*Intact*	*Impacted*	*Impacted*		*Impacted*	*Impacted*	*Impacted*	*Impacted*
Hydrologic Control														
Question 1	b					a	a	a	a		b	b	a	b
Question 2	a					c	a	c	c		c	a	c	a
Question 3	b					a	a	a	a		b	b	a	b
Question 4	c					c	c	c	c		NA	c	c	a
Question 5	c					c	b	c	c		a	c	b	a
Question 6	a					a	a	a	a		a	a	c	a
Question 7	a					a	a	a	a		a	NA	b	a
Assessment Descriptor	*Impacted*					*Intact*	*Intact*	*Intact*	*Intact*		*Impacted*	*Impacted*	*Impacted*	*Intact*

Lower Claggett Creek Subwatershed

Wetland Identifier	CL-A	CL-B	CL-C	CL-D	CL-E	CL-F	CL-G	CL-H	CL-I	CL-J	CL-K	CL-L	CL-M	CL-N
Sensitivity to Impacts														
Question 1	NA					a	b	a	a		NA	b	a	a
Question 2	b					b	b	b	b		NA	b	b	b
Question 3	NA					c	c	c	c		NA	NA	NA	NA
Question 4	a					a	a	b	a		a	a	c	a
Question 5	a					a	a	a	a		a	a	a	a
Question 6	b					b	b	c	b		a	c	b	a
Assessment Descriptor	*Potentially Sensitive*					*Potentially Sensitive*	*Potentially Sensitive*	*Potentially Sensitive*	*Potentially Sensitive*		*Potentially Sensitive*	*Potentially Sensitive*	*Potentially Sensitive*	*Potentially Sensitive*
Enhancement Potential														
Question 1	b					a	a	a	a		b	b	b	b
Question 2	a					a	a	a	a		b	b	a	b
Question 3	a					a	a	a	a		NA	NA	a	NA
Question 4	b					a	a	a	a		b	b	a	b
Question 5	c					a	a	c	a		a	a	b	b
Question 6	b					b	b	b	b		b	b	b	b
Assessment Descriptor	*Moderate*					*High*	*High*	*High*	*High*		*Mod potential*	*Moderate*	*Mod potential*	*Mod potential*
Education														
Question 1	c					c	c	a	c		a	c	c	c
Question 2	a					b	a	a	a		a	c	a	b
Question 3	b					b	b	b	b		b	b	b	b
Question 4	c					b	c	a	a		a	c	c	c
Question 5	c					a	c	a	a		a	c	c	c
Question 6	b					a	b	a	a		a	b	b	b
Assessment Descriptor	*Not appropriate*					*Not Appropriate*	*Not Appropriate*	*High*	*Not appropriate*		*High*	*Not appropriate*	*Not appropriate*	*Not appropriate*
Recreation														
Question 1	c					a	c	a	a		a	c	c	c
Question 2	c					c	c	c	c		c	c	c	c
Question 3	c					c	c	c	c		c	c	c	c
Question 4	b					b	b	b	b		b	b	b	b
Question 5	b					a	a	a	a		NA	b	b	b
Question 6	b					b	b	b	b		b	b	b	b
Assessment Descriptor	*Not Appropriate*					*Opportunities*	*Not Appropriate*	*Opportunities*	*Opportunities*		*Potential*	*Not Appropriate*	*Not Appropriate*	*Not Appropriate*
Aesthetics														
Question 1	c					b	a	c	a		b	c	b	b
Question 2	a					a	c	a	b		a	c	c	b
Question 3	c					c	a	a	a		b	c	a	c
Question 4	c					b	b	b	b		b	c	b	c
Question 5	b					b	a	a	a		a	b	a	c
Question 6	c					b	a	a	b		a	c	b	c
Assesment Descriptor	*Not Pleasing*					*Moderate*	*Moderate*	*Pleasing*	*Pleasing*		*Pleasing*	*Not pleasing*	*Mod pleasing*	*Not pleasing*

Upper Claggett Creek Subwatershed

Wetland Identifier	CU-A	CU-B	CU-C	CU-D	CU-E	CU-F	CU-G	CU-H	CU-I	CU-J	CU-K	CU-L	CU-M
Wetland Type	R2	PEM, PSS	PUB	PEM	PFO	PFW, PEM	PEM	PEM	PFO	PEM	PEM	PEM	PEM
Wetland Acreage	linear	31.33	15.22	1.22	0.50	0.93	0.57	0.46	1.14	0.61	0.76	0.81	0.51
Wildlife Habitat			NA	NA				NA					
Question 1	NA	b	See	Insufficient Data	b	a	c		c	c	b	c	c
Question 2		c	Wetland	for OFWAM	a	c	c		a	c	c	c	c
Question 3		c	Summary		c	c	c		c	c	c	c	c
Question 4		NA	Sheet		NA	a	b		NA	NA	NA	NA	b
Question 5		a			a	a	b		b	a	b	b	a
Question 6		a			a	a	b		a	a	a	b	a
Question 7		c			c	c	NA		c	NA	NA	NA	NA
Question 8		c			c	c	c		c	c	c	c	c
Question 9		a			c	b	c		a	c	b	c	b
Assessment Descriptor		*Provides some*			*Provides some*	*Provides some*	*Provides some*		*Provides some*	*Provides some*	*Provides some*	*Provides some*	*Provides some*
Fish Habitat		NA			NA	NA	NA		NA	NA	NA	NA	NA
Streams and Rivers													
Question 1													
Question 2													
Question 3													
Question 4													
Question 5													
Question 6													
Lakes and Ponds													
Question 1													
Question 2													
Question 3													
Question 4													
Question 5													
Question 6													
Assessment Descriptor													
Water Quality													
Question 1		c			b	a	b		a	b	c	b	b
Question 2		a			a	a	a		b	b	a	b	b
Question 3		a			a	a	a		a	b	a	a	a
Question 4		a			b	b	b		b	b	b	b	b
Question 5		a			a	a	a		a	a	a	a	a
Question 6		c			c	c	c		c	NA	NA	NA	NA
Assessment Descriptor		*Impacted*			*Intact*	*Intact*	*Intact*		*Impacted*	*Impacted*	*Impacted*	*Impacted*	*Impacted*
Hydrologic Control													
Question 1		a			b	a	b		b	b	b	b	b
Question 2		a			a	a	a		c	c	a	c	c
Question 3		a			b	b	b		b	b	b	b	b
Question 4		c			c	c	a		c	c	b	a	c
Question 5		c			a	c	c		a	c	c	c	c
Question 6		a			a	a	a		a	a	a	a	a
Question 7		a			a	a	a		a	a	a	NA	a
Assessment Descriptor		*Intact*			*Intact*	*Intact*	*Intact*		*Impacted*	*Impacted*	*Impacted*	*Impacted*	*Impacted*

Upper Claggett Creek Subwatershed

Wetland Identifier	CU-A	CU-B	CU-C	CU-D	CU-E	CU-F	CU-G	CU-H	CU-I	CU-J	CU-K	CU-L	CU-M
Sensitivity to Impacts													
Question 1		a			a	a	NA		a	a	a	a	a
Question 2		b			a	b	b		a	b	b	b	b
Question 3		c			c	c	NA		c	NA	NA	NA	NA
Question 4		a			a	a	a		a	a	a	a	a
Question 5		a			a	a	a		a	a	a	a	a
Question 6		b			a	b	b		a	b	b	b	b
Assessment Descriptor		*Potentially sensitive*			*Potentially sensitive*	*Potentially sensitive*	*Not sensitive*		*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*
Enhancement Potential													
Question 1		b			b	b	NA		b	b	b	b	b
Question 2		b			c	a			a	c	b	c	c
Question 3		NA			NA	a			a	NA	NA	NA	NA
Question 4		a			b	b			b	b	b	b	b
Question 5		a			c	b			a	c	b	c	a
Question 6		b			b	b			b	b	b	b	b
Assessment Descriptor		*Moderate Potential*			*Little potential*	*Mod potential*			*Mod potential*	*Little Potential*	*Mod potential*	*Little Potential*	*Mod potential*
Education													
Question 1		a			a	c	NA		a	a	a	c	c
Question 2		b			a	b			a	a	a	a	a
Question 3		b			b	b			b	b	b	b	b
Question 4		c			c	c			a	c	c	c	c
Question 5		b			a	c			a	a	a	c	c
Question 6		b			a	b			a	a	a	b	b
Assessment Descriptor		*Has potential*			*Has potential*	*Not appropriate*			*Has uses*	*Has potential*	*Has potential*	*Not appropriate*	*Not appropriate*
Recreation													
Question 1		b			a	c	NA		a	a	a	c	c
Question 2		c			c	c			c	c	c	c	c
Question 3		c			a	c			a	b	b	c	c
Question 4		b			b	b			b	b	b	b	b
Question 5		b			b	b			b	b	b	b	b
Question 6		b			b	b			b	b	b	b	b
Assessment Descriptor		*Has potential*			*Provides opportunity*	*Not appropriate*			*Provides opportunity*	*Has potential*	*Has potential*	*Not appropriate*	*Not appropriate*
Aesthetics													
Question 1		c			c	b	NA		c	c	c	c	c
Question 2		a			a	c			a	a	b	b	c
Question 3		c			a	b			a	c	b	a	a
Question 4		c			b	b			b	b	b	b	a
Question 5		a			a	a			a	a	a	a	a
Question 6		c			a	b			b	a	a	a	a
Assesment Descriptor		*Not pleasing*			*Pleasing*	*Mod pleasing*			*Pleasing*	*Not pleasing*	*Mod pleasing*	*Mod pleasing*	*Not pleasing*

East Bank Subwatershed

Wetland Identifier	EB-A	EB-B	EB-C	EB-D	EB-E	EB-F	EB-G	EB-H	EB-I	EB-J	EB-K	EB-L	EB-M	EB-N	EB-O	EB-P
Wetland Type	PFO, pond	PFO	FW	L1UB, POW, PFO	PUB	PUB	PFO, PUB	PUB	PUB	PFO	PFO	PSS	PUB, R2	PEM	PEM	PEM
Wetland Acreage	5.47	4.87	8.83	12.82	26.33	9.64	0.99	2.97	1.08	0.93	7.6	2.02	12.14	1.7	2.21	3.28
Wildlife Habitat					NA			NA	NA				NA		See CU-H	See CU-H
Question 1	c	b		b	See	N	N	See	See	c	a	a	See	c		
Question 2	a	a		b	Wetland	E	E	Wetland	Wetland	a	a	a	Wetland	c		
Question 3	c	c		c	Summary	E	E	Summary	Summary	c	c	c	Summary	c		
Question 4	b	a		a	Sheet	D	D	Sheet	Sheet	NA	a	a	Sheet	NA		
Question 5		a		b		S	S			b	a	a		b		
Question 6		a		b						b	a	a		a		
Question 7		a		NA		R	R			NA	a	a		NA		
Question 8		a		b		A	A			b	a	c		c		
Question 9		a		b		T	T			c	a	c		c		
Assessment Descriptor	*Provides some*	*Diverse*		*Provides some*		*I*	*I*			*Provides some*	*Diverse*	*Provides some*		*Provides some*		
Fish Habitat						N	N									
Streams and Rivers	NA	NA				G	G									
Question 1										NA	a	c		NA		
Question 2											b	a				
Question 3											b	c				
Question 4											a	a				
Question 5											a	c				
Question 6											a	a				
Lakes and Ponds																
Question 1				a												
Question 2				c												
Question 3				a												
Question 4				NA												
Question 5				b												
Question 6				b												
Assessment Descriptor				*Impacted*							*Intact*	*Impacted*				
Water Quality																
Question 1	c	a		c						c	a	a		a		
Question 2	a	a		a						c	a	a		a		
Question 3	a	a		c						a	a	a		b		
Question 4	a	b		a						b	a	b		b		
Question 5	a	b		b						b	c	a		a		
Question 6	NA	a		NA						NA	a	a		NA		
Assessment Descriptor	*Impacted*	*Intact*		*Impacted*						*Impacted*	*Intact*	*Intact*		*Impacted*		
Hydrologic Control																
Question 1	a	a		a						a	a	a		b		
Question 2	a	a		a						b	a	a		a		
Question 3	a	a		a						b	a	b		b		
Question 4	a	c		a						a	c	c		b		
Question 5	a	a		b						a	a	a		c		
Question 6	a	b		b						b		a		a		
Question 7	a	b		b						b		a		a		
Assessment Descriptor	*Intact*	*Intact*		*Intact*						*Impacted*	*Intact*	*Intact*		*Impacted*		

Wetland Identifier	EB-A	EB-B	EB-C	EB-D	EB-E	EB-F	EB-G	EB-H	EB-I	EB-J	EB-K	EB-L	EB-M	EB-N	EB-O	EB-P
Sensitivity to Impacts																
Question 1	a	b		a						a	b	b		a		
Question 2	a	b		b						b	b	b		b		
Question 3	NA	a		NA						NA	a	a		NA		
Question 4	a	b		b						b	c	a		a		
Question 5	a	b		b						b	c	a		a		
Question 6	a	a		c						a	a	a		b		
Assessment Descriptor	*Potentially sensitive*	*Potentially sensitive*		*Potentially sensitive*						*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*		*Potentially sensitive*		
Enhancement Potent																
Question 1	a	NA		a						b	NA	a		b		
Question 2	b			b						b		a		a		
Question 3	NA			NA						NA		a		a		
Question 4	a			a						b		b		b		
Question 5	c			b						c		c		c		
Question 6	b			b						b		b		b		
Assessment Descriptor	*High*			*High*						*Mod*		*High*		*Mod*		
Education																
Question 1	c	a		c						c	a	a		a		
Question 2	a	a		a						a	a	a		a		
Question 3	b	a		b						b	a	b		b		
Question 4	c	a		c						c	a	a		c		
Question 5	c	b		c						c	a	a		b		
Question 6	b	a		b						b	a	a		b		
Assessment Descriptor	*Not appropriate*	*Has uses*		*Not appropriate*						*Not appropriate*	*Has uses*	*Has uses*		*Potential uses*		
Recreation																
Question 1	c	a		c						c	a	a		b		
Question 2	c	a		b						c	a	a		c		
Question 3		b		c							b	b		c		
Question 4		a		b							a	b		b		
Question 5		a		a								a		b		
Question 6		b		a								b		b		
Assessment Descriptor	*Not appropriate*	*Provides opportunities*		*Has potential*						*Not appropriate*	*Provides opportunities*	*Provides opportunities*		*Has potential*		
Aesthetics																
Question 1	c	b		c						c	b	b		c		
Question 2	c	b		c						c	a	a		b		
Question 3		a		a						a	b	b		b		
Question 4		c		a						b	a	b		b		
Question 5		a		a							a	a		a		
Question 6		a		a							a	a		b		
Assesment Descriptor	*Not Pleasing*	*Mod pleasing*		*Not pleasing*						*Not pleasing*	*Pleasing*	*Pleasing*		*Mod Pleasing*		

Glenn-Gibson Subwatershed

Wetland Identifier	GG-A	GG-E	GG-F	GG-G	GG-H	GG-I	GG-J	GG-K	GG-M	GG-N	GG-O
Wetalnd Type	PUBH	R4, PSS	R3, R4	PFO, R3	R2	R2, PUB	R4	R4	R4, PSS, PUB	PUB, PEM, R4	PEM
Wetland Acreage	3.55	0.89	linear	1.59	linear	linear	linear	linear	1.34	0.22	0.34
Wildlife Habitat			NA		NA	NA	NA	NA		NA	NA
Question 1	c	a		c					a		
Question 2	b	b		a					b		
Question 3	c	c		c					c		
Question 4	a	b		c					b		
Question 5	a	a		a					a		
Question 6	a	a		a					a		
Question 7	c	c		c					c		
Question 8	c	c		a					b		
Question 9	a	c		b					c		
Assessment Descriptor	*Provides some*	*Provides some*		*Provides some*					*Provides some*		
Fish Habitat											
Streams and Rivers											
Question 1	c	c		a					c		
Question 2	c	a		a					b		
Question 3	c	c		b					b		
Question 4	c	c		c					c		
Question 5	c	c		c					b		
Question 6	b	a		a					a		
Lakes and Ponds											
Question 1											
Question 2											
Question 3											
Question 4											
Question 5											
Question 6											
Assessment Descriptor	*Impacted*	*Impacted*		*Impacted*					*Impacted*		
Water Quality											
Question 1	a	a		a					a		
Question 2	a	b		b					a		
Question 3	c	c		a					c		
Question 4	b	b		b					b		
Question 5	a	a		a					b		
Question 6	c	c		c					c		
Assessment Descriptor	*Impacted*	*Impacted*		*Impacted*					*Impacted*		
Hydrologic Control											
Question 1	b	b		a					a		
Question 2	a	c		c					a		
Question 3	b	b		c					b		
Question 4	a	c		c					b		
Question 5	b	b		a					b		
Question 6	b	b		a					a		
Question 7	a	a		a					a		
Assessment Descriptor	*Impacted*	*Impacted*		*Intact*					*Intact*		

Glenn-Gibson Subwatershed

Wetland Identifier	GG-A	GG-E	GG-F	GG-G	GG-H	GG-I	GG-J	GG-K	GG-M	GG-N	GG-O
Sensitivity to Impacts											
Question 1	a	b		a					b		
Question 2	b	b		b					b		
Question 3	c	c		c					c		
Question 4	a	a		a					a		
Question 5	a	a		a					a		
Question 6	c	b		a					c		
Assessment Descriptor	*Potentially sensitive*	*Potentially sensitive*		*Potentially sensitive*					*Potentially sensitive*		
Enhancement Potent											
Question 1	a	a		a					a		
Question 2	a	a		a					a		
Question 3	a	a		a					a		
Question 4	b	b		c					b		
Question 5	a	c		b					b		
Question 6	b	b		b					b		
Assessment Descriptor	*High*	*High*		*High*					*High*		
Education											
Question 1	c	c		c					c		
Question 2	b	a		a					b		
Question 3	b	b		b					b		
Question 4	c	c		c					c		
Question 5	c	a		c					c		
Question 6	b	a		a					b		
Assessment Descriptor	*Not appropriate*	*Not appropriate*		*Not appropriate*					*Not appropriate*		
Recreation											
Question 1	c	b		c					c		
Question 2	c	c		c					c		
Question 3	c	c		c					c		
Question 4	b	b		b					b		
Question 5	a	a		a					b		
Question 6	b	b		b					b		
Assessment Descriptor	*Not appropriate*	*Has potential*		*Not appropriate*					*Not appropriate*		
Aesthetics											
Question 1	c	b		c					b		
Question 2	c	c		c					c		
Question 3	b	a		a					a		
Question 4	b	b		b					b		
Question 5	a	a		b					a		
Question 6	a	a		a					a		
Assesment Descriptor	*Not pleasing*	*Mod pleasing*		*Not pleasing*					*Mod pleasing*		

Mill Creek Subwatershed

Wetland Identifier	MC-A	MC-B	MC-C	MC-D	MC-E	MC-F	MC-G	MC-H	MC-I	MC-J	MC-K	MC-L	MC-M	MC-N	MC-O
Wetland Type	R2	R2	PEM	PEM	PEM, PUB	PFO, PEM, pond	PEM, PSS	PFO	FW	R2, PFO	PFO, FW, PEM	PEM	PSS, R2, PEM, PUB	PFO, PEM, PSS, pond	PFO, PSS, PUB
Wetland Acreage	linear	linear	0.51	0.82	2.57	4.48	7.4	1.34	0.42	7.1	5.38	7.1	2.6	22.24	44.53
Wildlife Habitat	NA	NA							NA		NA				
Question 1			c	c	c	a	a	b		a	Under	c	a	a	a
Question 2			b	b	b	b	c	a		a	Construction	c	a	a	a
Question 3			c	c	c	c	b	c		c		c	b	a	a
Question 4			c	c	c	a	NA	NA		b		NA	a	NA	a
Question 5			b	b	a	b	b	a		a		b	a	b	a
Question 6			b	b	a	b	a	a		a		b	a	b	a
Question 7			a	a	a	NA	NA	NA		a		NA	a	a	a
Question 8			a	a	a	a	c	c		a		c	a	a	a
Question 9			c	c	c	b	c	c		b		b	a	c	a
Assessment Descriptor			*Provides some*	*Provides some*	*Provides some*	*Provides some*	*Provides some*	*Provides some*		*Diverse*		*Provides some*	*Diverse*	*Diverse*	*Diverse*
Fish Habitat															
Streams and Rivers															
Question 1			NA	NA	NA		NA	NA		a		NA	a	NA	a
Question 2										a			b		a
Question 3										b			b		b
Question 4										a			a		a
Question 5										a			a		a
Question 6										a			a		a
Lakes and Ponds															
Question 1						b									
Question 2						c									
Question 3						b									
Question 4						NA									
Question 5						a									
Question 6						b									
Assessment Descriptor						*Impacted*				*intact*		*NA*	*Intact*	*NA*	*Intact*
Water Quality															
Question 1			b	b	b	c	a	c		a		b	a	b	a
Question 2			a	a	a	a	a	a		c		a	b	a	a
Question 3			c	c	c	c	a	a		a		a	a	a	a
Question 4			b	b	b	b	b	b		a		a	a	a	a
Question 5			c	c	c	c	a	a		c		a	c	c	c
Question 6			NA	NA	NA	NA	c	NA		a		NA	a	a	a
Assessment Descriptor			*Impacted*	*Impacted*	*Impacted*	*Impacted*	*Intact*	*Impacted*		*Impacted*		*Intact*	*Impacted*	*Intact*	*Intact*
Hydrologic Control															
Question 1			a	a	b	a	b	b		a		a	a	a	a
Question 2			a	a	a	a	a	a		b		a	c	a	a
Question 3			b	b	b	b	b	b		a		a	a	a	a
Question 4			a	a	c	a	c	b		c		a	c	a	c
Question 5			b	c	c	b	c	a		a		c	a	a	a
Question 6			c	c	a	c	a	c		a		a	a	c	c
Question 7			NA	NA	a	a	a	a		a		a	c	c	a
Assessment Descriptor			*Impacted*	*Impacted*	*Impacted*	*Intact*	*Impacted*	*Impacted*		*Intact*		*Intact*	*Intact*	*Intact*	*Intact*

Mill Creek Subwatershed

Wetland Identifier	MC-A	MC-B	MC-C	MC-D	MC-E	MC-F	MC-G	MC-H	MC-I	MC-J	MC-K	MC-L	MC-M	MC-N	MC-O
Sensitivity to Impacts															
Question 1			a	a	b	a	a	a		b		a	a	a	a
Question 2			a	a	b	a	b	b		a		b	a	b	a
Question 3			NA	NA	NA	NA	c	NA		a		NA	a	a	a
Question 4			c	c	a	c	a	a		c		a	c	c	c
Question 5			a	a	a	a	a	a		a		a	a	a	c
Question 6			b	b	b	c	b	a		a		b	a	a	a
Assessment Descriptor			*Potentially Sensitive*	*Potentially Sensitive*	*Potentially Sensitive*	*Potentially Sensitive*	*Potentially Sensitive*	*Potentially Sensitive*		*Potentially Sensitive*		*Potentially Sensitive*	*Sensitive*	*Potentially Sensitive*	*Sensitive*
Enhancement Potential															
Question 1			b	b	b	a	a	b		NA		b	NA	NA	NA
Question 2			c	c	c	b	a	b				c			
Question 3			NA	NA	NA	NA	a	NA				NA			
Question 4			b	b	b	b	b	b				a			
Question 5			c	c	c	b	b	c				b			
Question 6			b	b	b	b	b	b				b			
Assessment Descriptor			*Little*	*Little*	*Little*	*High*	*High*	*Moderate*				*Moderate*			
Education															
Question 1			c	c	a	c	c	c		c		a	c	a	a
Question 2			b	b	b	b	b	a		a		a	a	b	a
Question 3			b		b	b	b	b				b		a	a
Question 4			c		c	c	c	c				a		c	a
Question 5			c		a	c	a	c				a		c	a
Question 6			b		a	b	a	c				a		b	a
Assessment Descriptor			*Not appropriate*	*Not appropriate*	*Has potential*	*Not appropriate*	*Not appropriate*	*Not appropriate*		*Not appropriate*		*Has uses*	*Not appropriate*	*Has potential*	*Has uses*
Recreation															
Question 1			c	c	a	c	a	c		c		a	c	c	a
Question 2			c	c	c	c	c	c		c		c	c	c	c
Question 3					c		c					b			a
Question 4					b		b					b			a
Question 5					NA		b					NA			a
Question 6					b		b					b			b
Assessment Descriptor			*Not appropriate*	*Not appropriate*	*Has potential*	*Not appropriate*	*Has potential*	*Not appropriate*		*Not appropriate*		*Has potential*	*Not appropriate*	*Not appropriate*	*provides opp*
Aesthetics															
Question 1			c	c	c	b	b	c		b		c	b	a	a
Question 2			c	c	a	c	a	c		c		a	c	c	a
Question 3					a	NA	c			a		b	a	a	a
Question 4					b	a	c			a		a	a	b	a
Question 5					b	a	b			a		a	a	b	a
Question 6					b	b	c			a		a	b	c	a
Assesment Descriptor			*Not pleasing*	*Not pleasing*	*Mod pleasing*	*Mod pleasing*	*Not pleasing*	*Not pleasing*		*Mod pleasing*		*Pleasing*	*Mod pleasing*	*Not pleasing*	*Pleasing*

Mill Creek Subwatershed

Wetland Identifier	MC-P	MC-Q	MC-R	MC-S	MC-T	MC-U	MC-V	MC-W	MC-X	MC-Y	MC-Z	MC-AA	MC-BB	MC-CC	MC-EE
Wetland Type	PFO, R2	PFO, OW	PSS	linear	linear	PEM	PUB, FW, pond	PUB	FW	R2	R2	PEM, pond, R2	R2	R2	PFO
Wetland Acreage	0.27	20.4	0.33	R2	R2	2.1	10.73	216.8	5.21	linear	linear	2.56	linear	linear	0.77
Wildlife Habitat	NA		NA	NA	NA		N	NA		NA	NA		NA	NA	
Question 1		a	<0.5 ac.			c	E	See				c			b
Question 2		b				c	E	Wetland				c			a
Question 3		c				c	D	Summary				c			c
Question 4		a				NA	S	Sheet				b			NA
Question 5		a				b						b			a
Question 6		a				B	R					b			a
Question 7		a				NA	A					NA			NA
Question 8		a				c	T					c			c
Question 9		c				c	I					c			c
Assessment Descriptor		*Provides some*				*Provides some*	N		*Provides some*	*NA*	*NA*	*Provides some*	*NA*	*NA*	*Provides some*
Fish Habitat							G								
Streams and Rivers															NA
Question 1															
Question 2															
Question 3															
Question 4															
Question 5															
Question 6															
Lakes and Ponds															
Question 1		a													
Question 2		c													
Question 3		c													
Question 4		a													
Question 5		a													
Question 6		a													
Assessment Descriptor		*Impacted*				*NA*			*Not present*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Water Quality															
Question 1		a				b						b			c
Question 2		a				b						a			a
Question 3		c				a						a			a
Question 4		a				b						b			b
Question 5		c				a						a			a
Question 6		a				NA						NA			NA
Assessment Descriptor		*Impacted*				*Impacted*			*Impacted or degraded*			*Intact*			*Impacted*
Hydrologic Control										NA	NA		NA	NA	
Question 1		a				a						b			b
Question 2		a				c						a			a
Question 3		a				b						b			b
Question 4		b				a						c			b
Question 5		b				c						c			a
Question 6		c				a						a			c
Question 7		a				a						a			a
Assessment Descriptor		*Intact*				*Intact*			*Impacted*			*Impacted*			*Impacted*

Wetland Identifier	MC-P	MC-Q	MC-R	MC-S	MC-T	MC-U	MC-V	MC-W	MC-X	MC-Y	MC-Z	MC-AA	MC-BB	MC-CC	MC-EE
Sensitivity to Impacts										NA	NA		NA	NA	
Question 1		a				a						a			a
Question 2		a				a						a			b
Question 3		a				NA						NA			NA
Question 4		c				a						a			a
Question 5		c				a						a			a
Question 6		c				b						b			a
Assessment Descriptor		*Potentially Sensitive*				*Potentially Sensitive*			*Potentially Sensitive*			*Potentially Sensitive*			*Potentially Sensitive*
Enhancement Potential										NA	NA		NA	NA	
Question 1		a				a						b			b
Question 2		a				c						c			b
Question 3		a				NA						NA			NA
Question 4		a				b						b			b
Question 5		b				c						c			c
Question 6		b				b						b			b
Assessment Descriptor		*High*				*Moderate*			*Little*			*Low*			*Moderate*
Education										NA	NA		NA	NA	
Question 1		a				c						a			c
Question 2		a				a						a			a
Question 3		b										b			b
Question 4		a										c			c
Question 5		a										a			c
Question 6		a										a			c
Assessment Descriptor		*Has uses*				*Not appropriate*			*Not appropriate*			*Has potential*			*Not Appropriate*
Recreation										NA	NA		NA	NA	
Question 1		a				c						a			c
Question 2		c				c						c			a
Question 3		a										b			a
Question 4		b										b			b
Question 5		a										b			b
Question 6		b										b			b
Assessment Descriptor		*Provides opp*				*Not appropriate*			*Not appropriate*			*Has potential*			*Not Appropriate*
Aesthetics															
Question 1		b				c						c			
Question 2		a				c						a			
Question 3		a										c			
Question 4		a													
Question 5		a													
Question 6		a													
Assesment Descriptor		*Pleasing*				*Not pleasing*			*Not pleasing*			*Not pleasing*			*Moderate Pleasing*

Pringle Creek Subwatershed

Wetland Identifier	PC-A	PC-B	PC-C	PC-D	PC-E	PC-F	PC-G	PC-H	PC-I	PC-J	PC-K	PC-L	PC-M	PC-N	PC-O	PC-P	PC-Q	PC-R	PC-S
Wetland Type	PEM	R2	R2	R2	PUB	R2, PUB	R2, PSS	R2	FW	PFO, PSS, OW	PEM, R3	PEM, R2	R2, PFO	R2	PUB	PEM	R2	R2	PEM
Wetland Acreage	linear	linear	linear	linear	11.52	43.69	4.85	linear	0.62	7.16	1.68	0.23	0.58	linear	5.96	0.79	linear	linear	0.39
Wildlife Habitat	NA	NA	NA	NA	NA			NA				NA		NA			NA	NA	NA
Question 1					See	**N**	a		**N**	a	a		c		**N**	b			
Question 2					Wetland	**E**	a		**E**	a	c		a		**E**	c			
Question 3					Summary	**E**	b		**E**	c	c		c		**E**	c			
Question 4					Sheet.	**D**	NA		**D**	a	c		NA		**D**	NA			
Question 5						**S**	a		**S**	b	a		a		**S**	a			
Question 6							a			b	a		a			a			
Question 7						**R**	a		**R**	c	a		a		**R**	a			
Question 8						**A**	c		**A**	c	c		c		**A**	a			
Question 9						**T**	b		**T**	c	c		c		**T**	c			
Assessment Descriptor						***I***	*Diverse*		***I***	*Provides some*	*Provides some*		*Provides some*		***I***	*Provides some*			
Fish Habitat						**N**			**N**						**N**				
Streams and Rivers						**G**	NA		**G**	NA					**G**				
Question 1											c		b			c			
Question 2											b		b			b			
Question 3											c		c			c			
Question 4											a		a			a			
Question 5											c		c			a			
Question 6											b		b			b			
Lakes and Ponds																			
Question 1																			
Question 2																			
Question 3																			
Question 4																			
Question 5																			
Question 6																			
Assessment Descriptor											*Impacted*		*Impacted*			*Impacted*			
Water Quality																			
Question 1							b			c	c		a			c			
Question 2							a			a	b		b			b			
Question 3							a			b	a		a			a			
Question 4							b			b	b		b			b			
Question 5							a			a	a		a			c			
Question 6							a			a	a		a			a			
Assessment Descriptor							*Intact*			*Impacted or degraded*	*Impacted or degraded*		*Impacted or degraded*			*Impacted or degraded*			
Hydrologic Control																			
Question 1							b			a	c		b			b			
Question 2							a			a	c		c			c			
Question 3							b			b	b		b			b			
Question 4							c			a	c		c			c			
Question 5							a			a	c		a			c			
Question 6							a			a	c		a			a			
Question 7							a			a	a		a			c			
Assessment Descriptor							*Intact*			*Intact*	*Lost*		*Impacted*			*Lost*			

Pringle Creek Subwatershed

Wetland Identifier	PC-A	PC-B	PC-C	PC-D	PC-E	PC-F	PC-G	PC-H	PC-I	PC-J	PC-K	PC-L	PC-M	PC-N	PC-O	PC-P	PC-Q	PC-R	PC-S
Sensitivity to Impacts																			
Question 1							a			a	a		a			b			
Question 2							b			b	b		b			b			
Question 3							a			a	a		a			a			
Question 4							a			a	a		a			c			
Question 5							a			a	a		a			a			
Question 6							a			a	b		a			b			
Assessment Descriptor							*Potentially sensitive*			*Potentially sensitive*	*Potentially sensitive*		*Potentially sensitive*			*Potentially sensitive*			
Enhancement Potential																			
Question 1							NA			b	b		a			b			
Question 2										b	b		c			b			
Question 3										NA	NA		NA			NA			
Question 4										b	b		b			b			
Question 5										c	c		c			c			
Question 6										b	b		b			b			
Assessment Descriptor										*Moderate*	*Moderate*		*Moderate*			*Moderate*			
Education																			
Question 1							c			c	a		a			c			
Question 2							a			b	a		a			b			
Question 3											b		b			b			
Question 4											a		a						
Question 5											a		a						
Question 6											a		b						
Assessment Descriptor							*Not appropriate*			*Not appropriate*	*Has uses*		*Has uses*			*Not appropriate*			
Recreation																			
Question 1							c			c	a		a			c			
Question 2							c			c	c		c			c			
Question 3							c				a		b						
Question 4							a				b		b						
Question 5							b				a		a						
Question 6							b				b		b						
Assessment Descriptor							*Not appropriate*			*Not appropriate*	*Provides opportunity*		*Has uses*			*Not appropriate*			
Aesthetics																			
Question 1							b			a	b		c			c			
Question 2							c			c	a		a			c			
Question 3							a			c	a		b						
Question 4							b				b		b						
Question 5							a				a		b						
Question 6							a				a		a						
Assesment Descriptor							*Mod pleasing*			*Not pleasing*	*Pleasing*		*Mod pleasing*			*Not pleasing*			

Pringle Creek Subwatershed

Wetland Identifier	PC-T	PC-U	PC-V	PC-W	PC-X	PC-Y	PC-Z	PC-AA	PC-BB	PC-CC	PC-DD
Wetland Type	PEM, PUB, MITIGATION	PEM	PEM	PEM, ditches	PEM, PFO	PUB	R4	PUB	PEM	Ditch	PEM
Wetland Acreage	28.16	0.46	0.79	0.12	10.99	1.52	linear	0.36	0.61	linear	3.32
Wildlife Habitat		NA		NA			NA	NA	NA	NA	
Question 1	a		c		b				Not		c
Question 2	c		c		a				enough		c
Question 3	c		c		c				info		c
Question 4	c		c		c				to		c
Question 5	a		b		a				rate.		c
Question 6	a		c		a				See		a
Question 7	NA		a		a				Wetland		c
Question 8	a		c		b				Summary		a
Question 9	c		c		c				Sheet.		c
Assessment Descriptor	*Provides some*		*Provides some*		*Provides some*	*Provides some*					*Provides Some*
Fish Habitat	NA		NA		NA						NA
Streams and Rivers											
Question 1											
Question 2											
Question 3											
Question 4											
Question 5											
Question 6											
Lakes and Ponds											
Question 1											
Question 2											
Question 3											
Question 4											
Question 5											
Question 6											
Assessment Descriptor						*Impacted or degraded*					
Water Quality											
Question 1	c		b		c						c
Question 2	a		b		b						b
Question 3	a		a		a						a
Question 4	a		b		a						b
Question 5	c		a		c						a
Question 6	NA		a		a						NA
Assessment Descriptor	*Impacted or degraded*		*Impacted or degraded*		*Impacted or degraded*	*Impacted or degraded*					*Impacted or degraded*
Hydrologic Control											
Question 1	b		b		b						b
Question 2	a		c		b						a
Question 3	a		b		a						b
Question 4	c		c		c						c
Question 5	c		c		a						c
Question 6	c		a		c						a
Question 7	a		a		b						b
Assessment Descriptor	*Impacted*		*Impacted*		*Impacted*	*Impacted*					*Impacted*

Wetland Identifier	PC-T	PC-U	PC-V	PC-W	PC-X	PC-Y	PC-Z	PC-AA	PC-BB	PC-CC	PC-DD
Sensitivity to Impacts											
Question 1	a		a		a						b
Question 2	b		a		b						b
Question 3	NA		a		a						NA
Question 4	c		a		b						a
Question 5	a		a		a						a
Question 6	b		c		a						c
Assessment Descriptor	*Potentially sensitive*		*Sensitive*		*Potentially sensitive*	*Potentially sensitive*					*Potentially sensitive*
Enhancement Potential											
Question 1	b		a		a						b
Question 2	b		c		b						b
Question 3	NA		NA		NA						NA
Question 4	a		b		a						b
Question 5	c		a		c						a
Question 6	b		c		b						b
Assessment Descriptor	*Moderate*		*Moderate*		*High*	*High*					*Moderate*
Education											
Question 1	c		c		c						c
Question 2	a										c
Question 3											b
Question 4											c
Question 5											c
Question 6											b
Assessment Descriptor	*Not appropriate*		*Not appropriate*		*Not appropriate*	*Not appropriate*					*Not appropriate*
Recreation											
Question 1	c		c		c						c
Question 2	c		c		c						c
Question 3											c
Question 4											c
Question 5											b
Question 6											c
Assessment Descriptor	*Not appropriate*		*Not appropriate*		*Not appropriate*	*Not appropriate*					*Not Pleasing*
Aesthetics											
Question 1	b		c		b						
Question 2	c		a		c						
Question 3	a		a		b						
Question 4	a		c		b						
Question 5	a		a		a						
Question 6	a		a		a						
Assesment Descriptor	*Mod pleasing*		*Not pleasing*		*Mod pleasing*	*Not pleasing*					

Croison Creek Subwatershed

Wetland Identifier	CC-A	CC-B	CC-C	CC-D	CC-E
Wetland Type	PUB	R3, PFO, PEM	R2	POND	POND
Wetland Acreage	0.94	6.39	linear	1.73	0.37
Wildlife Habitat			NA		NA
Question 1	b	a		b	
Question 2	b	a		b	
Question 3	c	b		c	
Question 4	b	b		b	
Question 5	a	a		a	
Question 6	a	a		a	
Question 7	c	c		c	
Question 8	c	b		a	
Question 9	b	a		a	
Assessment Descriptor	*Provides some*	*Diverse*		*Provides some*	
Fish Habitat					
Streams and Rivers					
Question 1	a	a			
Question 2	a	a			
Question 3	b	b			
Question 4	c	c			
Question 5	c	a			
Question 6	a	a			
Lakes and Ponds					
Question 1				b	
Question 2				c	
Question 3				c	
Question 4				c	
Question 5				a	
Question 6				b	
Assessment Descriptor	*Impacted*	*Intact*		*Impacted*	
Water Quality					
Question 1	a	a		a	
Question 2	a	a		a	
Question 3	c	a		c	
Question 4	b	b		b	
Question 5	a	c		c	
Question 6	c	c		c	
Assessment Descriptor	*Impacted*	*Intact*		*Impacted*	
Hydrologic Control					
Question 1	a	b		a	
Question 2	a	c		a	
Question 3	b	a		b	
Question 4	c	c		b	
Question 5	a	a		b	
Question 6	b	a		c	
Question 7	c	c		c	
Assessment Descriptor	*Impacted*	*Impacted*		*Impacted*	
Sensitivity to Impacts					

Croison Creek Subwatershed

Wetland Identifier	CC-A	CC-B	CC-C	CC-D	CC-E
Question 1	a	a		b	
Question 2	b	b		b	
Question 3	c	c		c	
Question 4	a	c		c	
Question 5	a	a		a	
Question 6	a	a		c	
Assessment Descriptor	*Potentially Sensitive*	*Potentially Sensitive*		*Potentially Sensitive*	
Enhancement Potent					
Question 1	a			a	
Question 2	a			a	
Question 3	a			a	
Question 4	b			b	
Question 5	a			a	
Question 6	b			b	
Assessment Descriptor	*High*	*NA*		*High*	
Education					
Question 1	c	a		c	
Question 2	b	b		a	
Question 3	b	a		b	
Question 4	c	a		c	
Question 5	a	b		c	
Question 6	b	b		b	
Assessment Descriptor	*Not Appropriate*	*Has uses*		*Not Appropriate*	
Recreation					
Question 1	a	a		c	
Question 2	c	c		c	
Question 3	c	c		c	
Question 4	b	a		b	
Question 5	a	a		a	
Question 6	b	b		a	
Assessment Descriptor	*Opportunities*	*Provides Opp*		*Not Appropriate*	
Aesthetics					
Question 1	b	a		b	
Question 2	c	c		c	
Question 3	b	a		a	
Question 4	b	a		b	
Question 5	a	a		a	
Question 6	a	a		a	
Assesment Descriptor	*Mod Pleasing*	*Mod Pleasing*		*Mod pleasing*	

Pettijohn-Laurel Subwatershed

Wetland Identifier	PJ-A	PJ-B	PJ-C
Wetland Type	PUB	R2, PFO, R3, PAB	R4
Wetland Acreage	0.46	0.22	linear
Wildlife Habitat	NA	NA	NA
Question 1			
Question 2			
Question 3			
Question 4			
Question 5			
Question 6			
Question 7			
Question 8			
Question 9			
Assessment Descriptor			
Fish Habitat			
Streams and Rivers			
Question 1			
Question 2			
Question 3			
Question 4			
Question 5			
Question 6			
Lakes and Ponds			
Question 1			
Question 2			
Question 3			
Question 4			
Question 5			
Question 6			
Assessment Descriptor			
Water Quality			
Question 1			
Question 2			
Question 3			
Question 4			
Question 5			
Question 6			
Assessment Descriptor			
Hydrologic Control			
Question 1			
Question 2			
Question 3			
Question 4			
Question 5			
Question 6			
Question 7			
Assessment Descriptor			

Pettijohn-Laurel Subwatershed

Wetland Identifier	PJ-A	PJ-B	PJ-C
Sensitivity to Impacts			
Question 1			
Question 2			
Question 3			
Question 4			
Question 5			
Question 6			
Assessment Descriptor			
Enhancement Potential			
Question 1			
Question 2			
Question 3			
Question 4			
Question 5			
Question 6			
Assessment Descriptor			
Education			
Question 1			
Question 2			
Question 3			
Question 4			
Question 5			
Question 6			
Assessment Descriptor			
Recreation			
Question 1			
Question 2			
Question 3			
Question 4			
Question 5			
Question 6			
Assessment Descriptor			
Aesthetics			
Question 1			
Question 2			
Question 3			
Question 4			
Question 5			
Question 6			
Assesment Descriptor			

Little Pudding River Subwatershed

Wetland Identifier	PU-A	PU-B	PU-C	PU-D	PU-E	PU-F	PU-G	PU-H	PU-I	PU-J	PU-K	PU-L	PU-M	PU-N	PU-O	PU-P	PU-Q
Wetland Type	PEM, PFO, pond	PFO	PEM, FW	PEM, FW	PFO	Ditch	FW	PFO	PEM, PFO	PEM, PFO	PEM	FW	PEM, PFO	PEM	PEM, PFO, pond	PEM, PFO	PEM
Wetalnd Acreage	2.28	1.06	2.91	0.97	1.03	linear	0.45	3.23	5.04	4.74	0.12	0.8	2.29	3.79	0.92	1.02	0.46
Wildlife Habitat						NA	NA				NA						NA
Question 1	a	a	c	c	c	**S**		c	a	a			a	c	c	a	
Question 2	c	a	c	c	a	**I**		a	c	a			c	c	a	c	
Question 3	c	b	c	c	c	**T**		c	b	b			b	c	c	c	
Question 4	c	NA	c	NA	NA	**E**		NA	NA	NA			c	NA	c	NA	
Question 5	a	a	a	a	a			a	a	a			a	a	a	a	
Question 6	a	a	a	a	a	**U**		a	a	a			a	a	a	a	
Question 7	c	c	NA	NA	c	**N**		c	c	c			c	c	c	c	
Question 8	c	b	b	b	b	**D**		b	a	c			c	c	c	c	
Question 9	a	b	c	c	c	**E**		c	b	c			b	c	c	c	
Assessment Descriptor	*Provides some*	*Diverse*	*Provides some*	*Provides some*	*Provides som*	***R***		*Provides some*	*Provides some*	*Provides some*			*Provides some*	*Provides some*	*Provides some*	*Provides some*	
Fish Habitat			NA	Na	NA			NA	NA	NA				NA	NA	NA	
Streams and Rivers	b	b				**D**							c				
Question 1	b	b				**E**							c				
Question 2	b	b				**V**							c				
Question 3	c	c				**E**							c				
Question 4	c	c				**L**							c				
Question 5	c	c				**O**							c				
Question 6	b	b				**P**											
Lakes and Ponds						**M**											
Question 1						**E**											
Question 2						**N**											
Question 3						**T**											
Question 4																	
Question 5																	
Question 6																	
Assessment Descriptor	*Impacted*	*Impacted*											*Lost*				
Water Quality																	
Question 1	a	a	c	c	a			a	a	a			a	b	a	b	
Question 2	a	a	b	b	b			a	a	a			b	c	a	c	
Question 3	a	a	a	c	a			a	a	a			a	a	a	a	
Question 4	b	b	b	b	b			b	a	b			b	b	b	b	
Question 5	a	b	b	b	b			b	c	a			a	a	a	a	
Question 6	*c*	*c*	*NA*	*NA*	*c*			*c*	*c*	*c*			*c*	*c*	*c*	*c*	
Assessment Descriptor	*Intact*	*Intact*	*Impacted*	*Impacted*	*Impacted*			*Impacted*	*Intact*	*Intact*			*Impacted*	*Impacted*	*Intact*	*Impacted*	
Hydrologic Control																	
Question 1	a	a	b	b	b			b	b	b			b	b	b	b	
Question 2	a	a	c	c	c			a	a	a			c	b	a	b	
Question 3	b	b	b	b	b			b	a	b			b	b	b	b	
Question 4	b	c	c	c	c			c	c	c			c	c	b	c	
Question 5	c	a	c	c	a			a	c	a			c	c	a	c	
Question 6	b	b	b	b	a			b	c	a			a	b	a	a	
Question 7	a	b	b	b	b			b	a	c			a	a	a	a	
Assessment Descriptor	*Impacted*	*Impacted*	*Impacted*	*Impacted*	*Impacted*			*Impacted*	*Impacted*	*Impacted*			*Impacted*	*Impacted*	*Intact*	*Impacted*	

Little Pudding River Subwatershed

Wetland Identifier	PU-A	PU-B	PU-C	PU-D	PU-E	PU-F	PU-G	PU-H	PU-I	PU-J	PU-K	PU-L	PU-M	PU-N	PU-O	PU-P	PU-Q
Sensitivity to Impacts																	
Question 1	a	b	b	b	a			b	b	a			a	a	a	a	
Question 2	b	b	b	b	b			b	b	b			b	b	b	b	
Question 3	c	c	NA	NA	c			c	c	c			c	c	c	c	
Question 4	a	b	b	b	b			b	c	a			a	a	a	a	
Question 5	a	a	a	a	a			a	a	a			a	a	a	a	
Question 6	b	a	b	b	a			a	b	a			b	b	a	b	
Assessment Descriptor	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*			*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*			*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	
Enhancement Potential		NA															
Question 1	a		b	b	b			b	b	b			b	b	b	b	
Question 2	a		b	b	a			a	a	a			a	c	a	c	
Question 3	a		NA	NA	a			a	a	a			a	NA	b	NA	
Question 4	b		b	b	b			b	a	b			b	b	b	b	
Question 5	b		c	c	c			c	c	c			c	c	c	c	
Question 6	b		b	b	b			b	b	b			b	b	b	b	
Assessment Descriptor	*High*		*Mod*	*Mod*	*Mod*			*Mod*	*Mod*	*Mod*			*Mod*	*Little*	*Mod*	*Little*	
Education																	
Question 1	c	c	c	c	c			c	c	c			c	c	a	c	
Question 2															a		
Question 3															b		
Question 4															c		
Question 5															b		
Question 6															b		
Assessment Descriptor	*Not appropriate*	*Not appropriate*	*Not appropriate*	*Not Appropriate*	*Not appropriate*			*Not appropriate*	*Not appropraite*	*Not appropriate*			*Not appropriate*	*Not appropraite*	*Has potential*	*Not appropriate*	
Recreation																	
Question 1	c	c	c	c	c			c	cc	c			c	c	b	c	
Question 2	c	c	c	c	c			c	c	c			c	c	c	c	
Question 3															c		
Question 4															b		
Question 5															b		
Question 6															b		
Assessment Descriptor	*Not appropriate*	*Not appropriate*	*Not appropriate*	*Not appropriate*	*Not appropriate*			*Not appropriate*	*Not appropriate*	*Not appropriate*			*Not appropraite*	*Not appropriate*	*Has potential*	*Not appropriate*	
Aesthetics																	
Question 1	a	b	c	c	c			c	b	b			b	c	c	b	
Question 2	c	b	b	c	c			b	b	b			c	a	b	c	
Question 3	a	b	a					a	a	a			a	a	a	a	
Question 4	a	b	b					b	b	b			b	a	b	b	
Question 5	a	a	a					b	a	b			a	a	a	a	
Question 6	b	a	a					b	a	a			a	a	a	a	
Assesment Descriptor	*Mod pleasing*	*Mod pleasing*	*Moderate*	*Not pleasing*	*Not pleasing*			*Mod Pleasing*	*Mod pleasing*	*Mod pleasing*			*Mod pleasing*	*Pleasing*	*Mod pleasing*	*Mod pleasing*	

Little Pudding River Subwatershed

Wetland Identifier	PU-R	PU-S	PU-T	PU-U	PU-V	PU-W	PU-X	PU-Y	PU-Z	PU-AA	PU-BB	PU-CC	PU-EE
Wetland Type	PFO	PEM, PFO	PFO, FW, PUB	PSS, PEM	PEM	PEM (mitigation)	PFO	PFO, PSS, PEM	PFO, PEM	PEM	PEM, PSS	PEM, PUB	R4
Wetalnd Acreage	0.45	4.71	2.69	0.22	0.76	6.94	1.59	10.69	4.59	2.32	2.24	0.55	linear
Wildlife Habitat	NA			NA								NA	NA
Question 1		a	c		c	c	c	a	b	c	b	See	
Question 2		a	b		c	c	a	a	a	c	a	Wetland	
Question 3		b	c		c	c	c	a	c	c	c	Summary	
Question 4		NA	a		NA	NA	NA	NA	NA	NA	c	Sheet	
Question 5		a	a		b	b	b	a	a	b	a		
Question 6		a	a		b	b	b	a	a	b	a		
Question 7		c	c		NA	NA	NA	c	c	NA	c		
Question 8		a	b		c	c	c	a	b	a	b		
Question 9		b	c		c	c	c	b	b	c	c		
Assessment Descriptor		*Diverse*	*Provides some*		*Provides some*	*Provides some*	*Provides some*	*Diverse*	*Provides some*	*Provides some*	*Provides some*		
Fish Habitat		NA	NA		NA	NA	NA		NA	NA	NA		
Streams and Rivers								a					
Question 1								a					
Question 2								b					
Question 3								c					
Question 4								a					
Question 5								b					
Question 6													
Lakes and Ponds													
Question 1													
Question 2													
Question 3													
Question 4													
Question 5													
Question 6													
Assessment Descriptor								*Intact*					
Water Quality													
Question 1		a	a		c	c	c	a	a	b	a		
Question 2		a	a		a	a	a	a	c	c	c		
Question 3		a	c		a	a	a	a	a	b	a		
Question 4		b	b		b	b	b	b	b	b	b		
Question 5		c	b		a	a	a	c	b	c	b		
Question 6		*c*	*c*		*NA*	*NA*	*NA*	*c*	*c*	*NA*	*c*		
Assessment Descriptor		*Intact*	*Impacted*		*Impacted*	*Impacted*	*Impacted*	*Intact*	*Impacted*	*Impacted*	*Impacted*		
Hydrologic Control													
Question 1		b	b		a	a	a	b	b	a	b		
Question 2		a	a		a	a	a	a	b	b	b		
Question 3		b	b		b	b	b	b	b	b	b		
Question 4		c	c		a	a	a	c	c	a	c		
Question 5		a	b		c	c	a	a	a	c	a		
Question 6		a	c		a	a	a	b	c	a	b		
Question 7		c	b		a	a	a	b	b	b	b		
Assessment Descriptor		*Impacted*	*Impacted*		*Intact*	*Intact*	*Intact*	*Impacted*	*Impacted*	*Impacted*	*Impacted*		

Little Pudding River Subwatershed

Wetland Identifier	PU-R	PU-S	PU-T	PU-U	PU-V	PU-W	PU-X	PU-Y	PU-Z	PU-AA	PU-BB	PU-CC	PU-EE
Sensitivity to Impacts													
Question 1		a	a		a	a	a	a	a	a	a		
Question 2		b	b		b	b	b	b	b	a	b		
Question 3		c	c		NA	NA	NA	c	c	NA	c		
Question 4		c	b		a	a	a	c	b	c	b		
Question 5		a	a		a	a	a	a	a	a	a		
Question 6		a	c		b	b	a	a	a	b	a		
Assessment Descriptor		*Potentially sensitive*	*Potentially sensitive*		*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*		
Enhancement Potential								NA					
Question 1		NA	b		b	b	b		b	b	b		
Question 2			a		b	b	b		a	c	a		
Question 3			a		NA	NA	NA		a	na	a		
Question 4			b		b	b	b		b	b	b		
Question 5			c		c	c	c		c	c	c		
Question 6			b		b	b	b		b	b	b		
Assessment Descriptor			*Mod*		*Mod*	*Mod*	*Mod*		*Mod*	*Little*	*Mod*		
Education													
Question 1		c	c		b	b	c	c	c	c	c		
Question 2					a	a							
Question 3					b	b							
Question 4					c	c							
Question 5					c	c							
Question 6					b	b							
Assessment Descriptor		*Not appropriate*	*Not appropriate*		*Has potential*	*Has potential*	*Not appropriate*	*Not appropriate*	*Not Appropriate*	*Not appropriate*	*Not appropriate*		
Recreation													
Question 1		c	c		c	c	c	c	c	c	c		
Question 2		c	c		c	c	c	c	c	c	c		
Question 3													
Question 4													
Question 5													
Question 6													
Assessment Descriptor		*Not appropriate*	*Not appropraite*		*Not appropraite*	*Not appropriate*	*Not appropriate*	*Not appropriate*	*Not appropriate*	*Not appropriate*	*Not appropriate*		
Aesthetics													
Question 1		a	c		c	c	c	a	b	c	b		
Question 2		b	b		c	c	c	b	b	c	b		
Question 3		a	b					a	a		a		
Question 4		a	b					a	b		b		
Question 5		a	c					a	a		a		
Question 6		a	a					a	b		c		
Assesment Descriptor		*Pleasing*	*Not pleasing*		*Not pleasing*	*Not pleasing*	*Not pleasing*	*Pleasing*	*Mod pleasing*	*Not pleasing*	*Mod pleasing*		

Willamette Slough East Subwatershed

Wetland Identifier	WS-A	WS-B	WS-C	WS-D	WS-E	WS-F	WS-G	WS-H	WS-I	WS-J	WS-K	WS-L	WS-N	WS-O
Wetland Type	PEM, PFO, PSS, OW, R2	PEM, PFO, PSS, OW, FW	PEM, PFO, OW, PSS	PUB, PFO, PSS, OW, FW	FW	PEM, PUB, FW, OW	PFO, PSS, OW, FW	FW, PEM	PEM	PEM, POW, FW	ditch	PEM, FW	PFO, OW	FW, PUB, PFO, pond
Wetland Acreage	167.01	129.4	5.96	7.29	4.18	9.15	122.55	2.31	0.46	6.93	linear	2.61	6.11	13.98
Wildlife Habitat									NA		NA			
Question 1	a	a	a	a		b	a	c				c	b	
Question 2	a	b	c	a		b	a	c				c	a	
Question 3	a	a	b	b		c	b	c				c	c	
Question 4	a	a	b	c		a	a	NA				NA	b	
Question 5	a	a	b	b		a	a	b				b	a	
Question 6	a	a	b	b		a	a	b				b	a	
Question 7	a	a	NA	NA		NA	a	NA				NA	a	
Question 8	a	a	b	b		b	a	b				b	b	
Question 9	b	b	c	c		c	b	c				c	b	
Assessment Descriptor	*Diverse*	*Diverse*	*Provides some*	*Provides some*	*Provides some*	*Provides some*	*Diverse*	*Provides some*		*Provides some*		*Provides some*	*Provides some*	*Provides some*
Fish Habitat								NA				NA		
Streams and Rivers														
Question 1	a	a					a							
Question 2	a	a					a							
Question 3	b	b					a							
Question 4	a	a					a							
Question 5	a	a					a							
Question 6	a	a					a							
Lakes and Ponds														
Question 1			c	c		a							b	
Question 2			b	b		c							a	
Question 3			b	b		c							a	
Question 4			NA	NA		NA							a	
Question 5			b	b		b							b	
Question 6			c	c		b							b	
Assessment Descriptor	*Intact*	*Intact*	*Impacted*	*Impacted*	*NA*	*Impacted*	*Intact*			*NA*			*Intact*	*Impacted*
Water Quality														
Question 1	a	a	c	c		c	a	c				c	a	
Question 2	a	a	a	a		a	a	a				a	a	
Question 3	a	a	a	a		a	a	c				b	a	
Question 4	a	a	b	a		a	a	b				b	a	
Question 5	c	c	b	b		b	c	b				b	b	
Question 6	a	a	Na	NA		NA	a	NA				NA	a	
Assessment Descriptor	*Intact*	*Intact*	*Impacted or degraded*	*Impacted or degraded*	*Impacted or degraded*	*Impacted or degraded*	*Intact*	*Impacted or degraded*		*Impacted or degraded*		*Impacted or degraded*	*Intact*	*Impacted or degraded*
Hydrologic Control														
Question 1	a	a	a	a		a	a	a				a	a	
Question 2	a	a	a	a		a	a	a				a	a	
Question 3	a	a	b	a		a	a	b				b	a	
Question 4	c	c	a	a		c	c	a				a	c	
Question 5	a	a	b	a		b	a	c				c	a	
Question 6	c	c	b	b		b	c	b				b	b	
Question 7	c	b	b	b		b	b	b				b	b	
Assessment Descriptor	*Intact*	*Intact*	*Impacted or degraded*	*Intact*	*Impacted or degraded*	*Impacted or degraded*	*Intact*	*Impacted or degraded*		*Intact*		*Impacted*	*Intact*	*Impacted or degraded*

Willamette Slough East Subwatershed

Wetland Identifier	WS-A	WS-B	WS-C	WS-D	WS-E	WS-F	WS-G	WS-H	WS-I	WS-J	WS-K	WS-L	WS-N	WS-O
Sensitivity to Impacts														
Question 1	a	b	a	a		b	a	a				a	a	
Question 2	a	a	a	b		a	a	a				a	a	
Question 3	a	a	NA	NA		NA	a	NA				NA	a	
Question 4	b	b	b	b		b	c	b				b	b	
Question 5	b	b	b	b		b	c	b				b	b	
Question 6	c	a	c	a		c	a	b				b	a	
Assessment Descriptor	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Potentially sensitive*	*Sensitive*	*Potentially sensitive*		*Potentially sensitive*		*Potentially sensitive*	*Sensitive*	*Potentially sensitive*
Enhancement Potential	NA	NA												
Question 1			a	a		a	NA	b				b	a	
Question 2			b	b		b		b				b	a	
Question 3			NA	NA		NA		NA				NA	a	
Question 4			b	a		a		b				b	a	
Question 5			c	c		c		c				c	c	
Question 6			b	b		b		b				b	a	
Assessment Descriptor			*High*	*High*	*High*	*High*		*Mod*		*High*		*Mod*	*High*	*High*
Education														
Question 1	c	a	c	c		a	a	c				a	c	
Question 2		a				a	a					a		
Question 3		a				b	a					b		
Question 4		a				a	a					a		
Question 5		a				a	a					b		
Question 6		a				a	b					b		
Assessment Descriptor	*Not appropriate*	*Has uses*	*Not appropriate*	*Not appropriate*	*Has uses*	*Has uses*	*Has uses*	*Not appropriate*		*Not appropriate*		*Has uses*	*Not appropriate*	*Not appropriate*
Recreation														
Question 1	c	a	c	c		a	c	c				a	c	
Question 2	a	a	c	c		c	b	c				c	c	
Question 3	c	a				a	a					a		
Question 4	a	a				b	a					b		
Question 5	a	a				a	a					b		
Question 6	b	b				b	b					b		
Assessment Descriptor	*Provides opportunities*	*Provides opportunities*	*Not appropriate*	*Not appropriate*	*Provides opportunities*	*Provides opportunities*	*Has potential*	*Not appropriate*		*Not appropriate*		*Provides opportunities*	*Not appropriate*	*Not appropriate*
Aesthetics														
Question 1	a	a	a	a		b	a	c				c	b	
Question 2	b	a	c	c		a	b	a				b	c	
Question 3	b	a	b	b		b	a	b				a	a	
Question 4	b	b	a	a		a	b	c				c	b	
Question 5	a	a	a	a		a	a	a				a	a	
Question 6	a	a	a	a		b	a					a	a	
Assesment Descriptor	*Pleasing*	*Pleasing*	*Pleasing*	*Pleasing*	*Not pleasing*	*Pleasing*	*Pleasing*	*Not pleasing*		*Mod pleasing*		*Not pleasing*	*Mod pleasing*	*Mod pleasing*

Willamette Slough East Subwatershed

Wetland Identifier	WS-P	WS-Q	WS-R	WS-T
Wetland Type	FW	PFO	PUB	R4
Wetland Acreage	1.47	1.15	25.55	linear
Wildlife Habitat			NA	NA
Question 1		c	See	
Question 2		a	Wetland	
Question 3		c	Summary	
Question 4		c	Sheet	
Question 5		b		
Question 6		b		
Question 7		NA		
Question 8		a		
Question 9		a		
Assessment Descriptor	*Provides some*	*Provides some*		
Fish Habitat		NA		
Streams and Rivers				
Question 1				
Question 2				
Question 3				
Question 4				
Question 5				
Question 6				
Lakes and Ponds				
Question 1		c		
Question 2		a		
Question 3		a		
Question 4		b		
Question 5		c		
Question 6		NA		
Assessment Descriptor	*NA*	*Impacted*		
Water Quality				
Question 1		a		
Question 2		a		
Question 3		b		
Question 4		a		
Question 5		c		
Question 6		c		
Assessment Descriptor	*Impacted or degraded*	*Impacted or degraded*		
Hydrologic Control				
Question 1		a		
Question 2		a		
Question 3		b		
Question 4		a		
Question 5		a		
Question 6		c		
Question 7		c		
Assessment Descriptor	*Impacted or degraded*	*Intact*		

Willamette Slough East Subwatershed

Wetland Identifier	WS-P	WS-Q	WS-R	WS-T
Sensitivity to Impacts				
Question 1		a		
Question 2		a		
Question 3		NA		
Question 4		c		
Question 5		c		
Question 6		a		
Assessment Descriptor	*Potentially sensitive*	*Potentially sensitive*		
Enhancement Potential				
Question 1		b		
Question 2		b		
Question 3		NA		
Question 4		b		
Question 5		a		
Question 6		b		
Assessment Descriptor	*Moderate*	*Mod*		
Education				
Question 1		c		
Question 2				
Question 3				
Question 4				
Question 5				
Question 6				
Assessment Descriptor	*Not appropriate*	*Not appropriate*		
Recreation				
Question 1		c		
Question 2		c		
Question 3				
Question 4				
Question 5				
Question 6				
Assessment Descriptor	*Not appropriate*	*Not appropriate*		
Aesthetics				
Question 1		c		
Question 2		b		
Question 3		c		
Question 4				
Question 5				
Question 6				
Assesment Descriptor	*Not pleasing*	*Not pleasing*		

Willamette Slough West Subwatershed

Wetland Identifier	WW-A	WW-B	WW-C	WW-D
Wetland Type	PUB, PEM	PFO, PUB	PSS, PFO, R2	FW, PFO
Wetland Acreage	0.93	3.08	21.98	0.47
Wildlife Habitat				NA
Question 1	c	b	a	
Question 2	b	b	a	
Question 3	c	c	b	
Question 4	c	b	a	
Question 5	a	b	a	
Question 6	a	b	a	
Question 7	c	NA	a	
Question 8	a	a	a	
Question 9	b	a	a	
Assessment Descriptor	Provides some	Provides some	Diverse	
Fish Habitat				
Streams and Rivers				
Question 1	b		a	
Question 2	b		a	
Question 3	b		b	
Question 4	c		a	
Question 5	a		a	
Question 6	b		a	
Lakes and Ponds				
Question 1		c		
Question 2		b		
Question 3		a		
Question 4		NA		
Question 5		a		
Question 6		b		
Assessment Descriptor	Impacted	Impacted	Intact	
Water Quality				
Question 1	a	c	a	
Question 2	a	a	a	
Question 3	b	b	a	
Question 4	b	b	a	
Question 5	c	c	c	
Question 6	c	NA	a	
Assessment Descriptor	Impacted	Impacted	Intact	
Hydrologic Control				
Question 1	a	a	a	
Question 2	a	a	a	
Question 3	b	b	a	
Question 4	c	a	c	
Question 5	b	a	a	
Question 6	b	c	c	
Question 7	a	c	c	
Assessment Descriptor	Impacted	Intact	Intact	

Willamette Slough West Subwatershed

Wetland Identifier	WW-A	WW-B	WW-C	WW-D
Sensitivity to Impacts				
Question 1	a	a	a	
Question 2	b	a	a	
Question 3	c	NA	a	
Question 4	c	c	c	
Question 5	c	c	c	
Question 6	c	a	a	
Assessment Descriptor	Potentially sensitive	Potentially sensitive	Sensitive	
Enhancement Potential				
Question 1	a	a	NA	
Question 2	a	b		
Question 3	a	NA		
Question 4	b	b		
Question 5	b	a		
Question 6	b	b		
Assessment Descriptor	High	High		
Education				
Question 1	a	a	a	
Question 2	a	a	a	
Question 3	b	b	a	
Question 4	a	a	a	
Question 5	a	b	a	
Question 6	b	b	b	
Assessment Descriptor	Has uses	Has uses	Has uses	
Recreation				
Question 1	a	b	a	
Question 2	c	c	a	
Question 3	b	b	b	
Question 4	b	b	a	
Question 5	a	a	a	
Question 6	b	b	b	
Assessment Descriptor	Provides opportunities	Has potential	Provides opportunities	
Aesthetics				
Question 1	c	b	a	
Question 2	a	a	a	
Question 3	a	a	a	
Question 4	b	b	b	
Question 5	a	a	a	
Question 6	a	a	a	
Assesment Descriptor	Pleasing	Pleasing	Pleasing	

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 3/9/97

Wetland ID: BC-A
Data Sheets: BC1

Location: T8S, R3W, Section 16,
Waln Creek, south of Rock Creek Dr.

Classification: R4

Hydrological Basin: Battle Creek

Wetland Area: linear

Soil: McAlpin silty clay loam, Waldo silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*T*

Function/Value Summary: NA

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is a 1-3 foot wide drainage. It goes into an underground pipe at the east end of the park. This feature is a stream and not a good illustration of a wetland.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 3/9/97

Wetland ID: BC-B
Data Sheets: None

Location: T8S, R3W, Section 16, North of Holder Lane, East of Liberty

Classification: Constructed pond

Hydrologic Basin: Battle Creek

Wetland Area: .87

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Impacted/degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: This pond was not field verified and could not be seen from the road. There is potential fish habitat.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 3/9/97

Wetland ID: BC-C
Data Sheets: None

Location: T8S, R3W, Section 16, South side of Holder Lane

Classification: R4

Hydrologic Basin: Battle Creek

Wetland Area: linear

Soil: McAlpin silty clay loam, Waldo silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: NA

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This reach is deeply incised and passes through a new subdivision.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/9/97

Wetland ID: BC-D
Data Sheets: BC2, BC3
both offsite

Location: T8S, R3W, Section 15,
Waln Creek from Lone Oak to Ross Ct.

Classification: R4

Hydrologic Basin: Battle Creek

Wetland Area: linear

Soil: McAlpin silty clay loam, Waldo silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Populus trichocarpa	*T*
Alnus rubra	*T*
Juncus effusus	*GC*
Phalaris arundinacea	*GC*

Function/Value Summary: NA

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Creek channel, 8-10 feet wide through backyards of subdivisions. Enhancement potential is over-rated.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: BC-E
Data Sheets:

Location: T8S, R3W, Section 14 & 23,
Waln Creek from Ross Ct. to Madras St.

Classification: R4

Hydrologic Basin: Battle Creek

Wetland Area: linear

Soil: Waldo silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: NA

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Waln Creek is channelized ditch in this reach.

jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: 3/12/97

Wetland ID: BC-F
Data Sheets:

Location: T8S, R3W, Section 23, Battle Creek Golf Course

Classification: R3, PEM

Hydrologic Basin: Battle Creek

Wetland Area: 2.62

Soil: Waldo silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Poa pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Has potential
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Has uses

Comments: Confluence of Waln, Battle, and Powell creeks on golf course. Mowed fairways are found to edge of all these drainages. This area also includes a mitigation area that is under construction between Fairway Ave. and Commercial St. Water quality rating is over-rated because this area is all mowed lawn. Water quality is likely degraded from use of herbicides and fertilizer on golf course.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 3/7/97

Wetland ID: BC-G
Data Sheets: BC4

Location: T8S, R3W, Section 23, Tributary of Battle Creek, Sunnyside north to Battle Creek Golf Course

Classification: R3, PEM

Hydrologic Basin: Battle Creek

Wetland Area: .64

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alnus rubra	*T*
Phalaris arundinacea	*GC*
Juncus effusus	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: This reach includes an emergent wetland and intermittent drainage, about 2 feet wide, passing through a subdivision. Water quality is over-rated.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: BC-H
Data Sheets: None

Location: T8S, R3W, Section 23, South of Hill Rd.

Classification: Constructed ponds

Hydrologic Basin: Battle Creek

Wetland Area: 4.12

Soil: McAlpin silty clay loam, Jory silty clay loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Has potential

Comments: There are constructed ponds, excavated in a drainage and upland soils. Downstream outlet is restricted or flows into a pipe. Recreational uses appear to be limited to adjacent residents who have access to the ponds. This is a landscaped system that offers little enhancement potential. Det.#93-0013.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: BC-I
Data Sheets: BC5

Location: T8S, R3W, Sect. 23, Battle Creek,
Commercial east to study area boundary

Classification: PUB

Hydrologic Basin: Battle Creek

Wetland Area: 2.83

Soil: Waldo silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*T*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: There is a constructed pond on the north side of the creek channel. It may provide recreational opportunities for adjacent residents. Enhancement potential is over-rated due to presence of forested area and proximity to major highways and residential development.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: BC-J
Data Sheets: BC6

Location: T8S, R3W, Section 21, East and West side of Liberty Road extending toward Creekside Golf Course.

Classification: R4, PUB

Hydrologic Basin: Battle Creek

Wetland Area: 0.65

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Alnus rubra	*T*
Salix scouleriana	*Sh*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: not pleasing

Fish Habitat: Intact
Hydrologic Control: Impacted
Enhancement Potential: High
Recreation: Not appropriate

Comments: Pond in assessment area appears to be fed from a side drainage. Aesthetic quality is under-rated. Enhancement potential is over-rated as there is high quality riparian habitat.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/7/97

Wetland ID: BC-K
Data Sheets: None

Location: T8S, R3W, Section 22, Creekside Golf Course

Classification: PFO, PSS, PEM, R2

Hydrologic Basin: Battle Creek

Wetland Area: 3.83

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Impacted or degraded
Hydrologic Control: Impacted
Enhancement Potential: See comments
Recreation: Not appropriate

Comments: A wetland delineation and mitigation plans were prepared prior to construction of the golf course. Portions of this assessment area are mitigation areas and thus have low enhancement potential as enhancement is in progress.

permit #?

not in wetland

WETLAND SUMMARY SHEET

Date of Field Verification: 3/7/97

Wetland ID: BC-L
Data Sheets: None

Location: T8S, R3W, Section 22, Battle Creek between Sunnyside and Battle Creek Golf Course

Classification: R2

Hydrologic Basin: Battle Creek

Wetland Area: linear

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is a reach of Battle Creek passing through a residential zone between two golf courses. Enchancement potential is low due to surrounding development.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/7/97

Wetland ID: BC-M
Data Sheets: None

Location: T8S, R3W, Section 21 & 22, Battle Creek from Liberty to Creekside Golf Course.

Classification: R2, PFO, PEM

Hydrologic Basin: Battle Creek

Wetland Area: 0.99

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Alnus rubra	*T*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Fish Habitat: Intact
Hydrologic Control: Impacted

Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing
Enhancement Potential: High
Recreation: Not appropriate

Comments: This is an undeveloped reach near the headwaters of Battle Creek. Aesthetic quality is under-rated

creek plus headwater wetlands.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/7/97

Wetland ID: BC-N
Data Sheets: BC-7

Location: T8S, R3W, Section 22, Upper headwaters of Powell creek, north and south of Rees Hill Rd.

Classification: R4, PUB

Hydrologic Basin: Battle Creek

Wetland Area: .59

Soil: McAlpine silty clay loam, Salquam silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alnus rubra	*T*
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Impacted
Enhancement Potential: High
Recreation: Not appropriate

Comments: Headwaters of Powell Creek - not a wetland, but is a drainage. Enhancement potential is over-rated.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/9/97
Site ID: BC-A **State:** OR **County:** Marion
Sample Plot ID: BC1

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	70
Hedera helix	English Ivy	V	NL	40
Polystichum munitum	Sword fern	GC	FACU	15

Percent of dominant species that are OBL, FACW, and/or FAC: 33
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? YES ___ NO_X_ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 5YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES ___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation: Drainage way.

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/9/97
Site ID: BC-D **State:** OR **County:** Marion
Sample Plot ID: BC2

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	black cottonwood	T	FAC	15
Juncus effusus	soft rush	GC	FACW	10
Phalaris arundinacea	reed canary grass	GC	FACW	60

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X__ NO___

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES___ NO__ Mottled? YES___ NO__ Gleyed? YES___ NO__
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES _X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: No measurement.
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation: Drainage.

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/7/97
Site ID: BC-D **State:** OR **County:** Marion
Sample Plot ID: BC3

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alnus rubra	red alder	T	FAC	40
Phalaris arundinacea	reed canary grass	GC	FACW	50

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X__ NO___

SOILS

Series/phase: Waldo silty clay loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** ___
Histic epidedon present? YES___ **NO**___ **Mottled? YES**___ **NO**__ **Gleyed? YES**___ **NO**__
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES** _X_ **NO**___
Other hydric soil indicators: No data- offsite

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** No measurement.
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation: Off-site, viewed from road crossing.

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

offsite

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/7/97
Site ID: BC-G **State:** OR **County:** Marion
Sample Plot ID: BC4

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Juncus effusus	soft rush	GC	FACW	
Alnus rubra	red alder	T	FAC	
Phalaris arundinacea	reed canary grass	GC	FACW	

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? YES ___ NO_X_ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES___ NO___ Mottled? YES___ NO___ Gleyed? YES___ NO__
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES _X_ NO___
Other hydric soil indicators: Along drainage.

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation: Wetland drainage pattern.

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/7/97
Site ID: BC-I **State:** OR **County:** Marion
Sample Plot ID: BC5

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Waldo silty clay loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO __
Histic epidedon present? YES___ NO___ Mottled? YES___ NO__ Gleyed? YES___ NO__
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES ___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/9/97
Site ID: BC-J **State:** OR **County:** Marion
Sample Plot ID: BC6

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alnus rubra	Red Alder	T	FAC	
Salix scouleriana	Willow	Sh	FAC-	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? YES ___ NO_X_ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES___ NO___ Mottled? YES___ NO__ Gleyed? YES___ NO__
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES ___ NO___
Other hydric soil indicators: Drainage.

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/9/97
Site ID: BC-N **State:** OR **County:** Marion
Sample Plot ID: BC7

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: McAlpin
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 7.5YR4/3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole: surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Non-hydric soil.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CC-A
Data Sheets:

Location: T8S, R3W, Section 8 & 5, Croisan Creek, River Road to Skyline Dr.

Classification: R2 , PUB

Hydrologic Basin: Croisan Creek

Wetland Area: .94

pond acreage
remainder is linear

Soil: Nekia stony silty clay loam, McAlpin silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: stream reach, no evaluation

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This reach is in a valley parallel to Croisan Creek Road. The creek passes through private property, limiting recreational opportunities. Enhancement potential is overrated.

unit includes a small pond.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/14/97

Wetland ID: CC-B
Data Sheets: CC1, CC2, CC3, CC4

Location: T8S, R3W, Section 8, Croisan Creek, Skyline Park and south

Classification: ~~R2~~, PFO, PEM
not channel

Hydrologic Basin: Croisan Creek

Wetland Area: 6.39

Soil: Mc Alpin silty clay loam, Witzel very stony silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Alnus rubra	*T*
Fraxinus latifolia	*T*
Rosa nutkana	*Sh*
Eleocharis palustris	*GC*
Juncus effusus	*GC*
Phalaris arundinaceae	*GC*

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Potentially Sensitive
Education: Has uses
Aesthetic Quality: Moderate

Fish Habitat: Intact
Hydrologic Control: Impacted or degraded
Enhancement Potential: N/A
Recreation: Provides opportunities

Comments: Close proximity to high school increases potential educational uses.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CC-C
Data Sheets:

Location: T8S, R3W, Section 17, Croisan Creek
from south of Keubler to UGB

Classification: R2, R3

Hydrologic Basin: Croisan Creek

Wetland Area: linear

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Cutthroat live in lower reaches of Croisan Creek.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CC-D
Data Sheets:

Location: T8S, R3W, Section 17

Classification: Pond

Hydrologic Basin: Croisan Creek

Wetland Area: 1.73

Soil: Nekia stony silty clay loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Impacted or degraded
Hydrologic Control: Impacted or degraded
Enhancement Potential: High
Recreation: Not appropriate

Comments: This appears to be a constructed pond to the south side of the creek channel. Enhancement potential is overrated. Creek channel is not appropriate for enhancement.

includes upper Croisan headwater streams

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CC-E
Data Sheets:

Location: T8S, R3W, Section 8, East of View Crest Dr., South of Inland Drive

Classification: Pond

Hydrologic Basin: Croisan Creek

Wetland Area: 0.37

Soil: Nekia stony silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This appears to be a constructed pond on private property.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: CC-B **State:** OR **County:** Marion
Sample Plot ID: CC1

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alnus rubra	Red alder	T	FAC	
Fraxinus latifolia	Oregon Ash	T	FACW	
Phalaris arundinacea	reed canary grass	GC	FACW	
Carex obnupta	slough sedge	GC	FACW	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X__** **NO__**

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? Yes __ NO_X_ **Is the soil a Histosol? YES ___ NO __**
Histic epidedon present? YES___ NO___ **Mottled? YES___ NO__** **Gleyed? YES___ NO__**
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES _X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:**
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, no percentages for plant species.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: CC-B **State:** OR **County:** Marion
Sample Plot ID: CC2

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alnus rubra	red alder	T	FAC	30
Fraxinus latifolia	Oregon ash	T	FACW	20
Cornus stolonifera	red-osier dogwood	S	FACW	15
Rosa nutkana	Nutka rose	S	FAC	25
Stachys sp.	mint	GC	FAC	10
Spiraea douglasii	Douglas spiraea	S	FACW	10
Scirpus microcarpa	small-fruited bullrush	GC	OBL	5
Phalaris arundinacea	Reed canary grass	GC	FACW	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X__ NO__

SOILS

Series/phase: Witzel
Is the soil on hydric soils list? Yes __ NO_X **Is the soil a Histosol? YES ___ NO _X**
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES _X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO__ **Surface Water depth:** 1/4" flowing sheet flow
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: CC-B **State:** OR **County:** Marion
Sample Plot ID: CC3

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Eleocharis palustris	spike rush	GC	OBL	80
Juncus effusus	softrush	GC	FACW	10

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Witzel
Is the soil on hydric soils list? Yes __ NO__ **Is the soil a Histosol? YES ___ NO _X**
Histic epidedon present? YES__ NO_X_ **Mottled? YES_X_ NO__** **Gleyed? YES__ NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES _X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** Surface sheet flow.
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: CC-B **State:** OR **County:** Marion
Sample Plot ID: CC4

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Rubus discolor	Himalayan Blackberry	Sh	FACU	90
Cytisus scoparius	Scots broom	Sh	NL	10

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Witzel
Is the soil on hydric soils list? Yes ___ **NO_X_** **Is the soil a Histosol? YES** ___ **NO _X_**
Histic epidedon present? YES__ **NO_X_** **Mottled? YES**__ **NO_X_** **Gleyed? YES**__ **NO_X_**
Matrix Color: 7.5YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES** ___ **NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO_X_** **Surface Water depth:**
Is the soil saturated? YES___ **NO_X_** **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES___ **NO_X_**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ **NO_X_**

COMMENTS:

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 1/15/97

Wetland ID: EB-A
Data Sheets: None

Location: T6S, R3W, Section 27 & 34, East of Windsor Island Rd. West of McNary Golf course

Classification: PFO, pond

Hydrologic Basin: East Bank

Wetland Area: 5.47

Soil: Wapato silty clay loam / Chehalis SiCL.

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Populus trichocarpa	*T*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially Sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: Assessment is based strictly on air photo interpretation. Hydrologic control sensitivity to impact, and enhancement does not make sense as applied to these constructed ponds on golf course. Forested portion is jurisdictional and significant; golf hazard ponds are neither.

This unit should be split.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite (Onsite by DSL)
93-0032-

Wetland ID: CL-A

Data Sheets: None

Location: T6S, R3W, Section 26, Between River and Wheatland Ferry roads

Classification: PEM

Hydrologic Basin: Lower Claggett Basin

Wetland Area: 1.35

Soil: Amity silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Phalaris arundinacea	*GC*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Intact
Sensitivity to Impact: Potentially Sensitive
Education: Not Appropriate
Aesthetic Quality: Not Pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

determination

Comments: Wetland ~~delineation~~ is filed with the Division of State Lands. Review of historic air photos and soil survey mapping suggest wetlands may not have been present in the past. Major sources of water include discharge from city well and roadside runoff. Permission for onsite verificatin for this project was denied. However, the consultants for the LWI conducted the wetland delineation. Water quality is overrated - a major source of water is discharged from a City well.

96-0085
maybe artificial hydrology, but still jurisdictional, over 1 acre.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CL-B
Data Sheets: None

Location: T6S, R3W, Section 26, T6S, R3W, Section 35, Claggett Creek east to I-5 Labish Ditch

Classification: Ditch

Hydrologic Basin: Lower Claggett Basin

Wetland Area: 0

linear feature

Soil: Wapato silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Correspondence in Division of State Lands files states the only area of jurisdiction is the ditch. Adjacent low lying areas were subject to flooding during severe storm events in 1996 and 1997. DSL file 92-0159.

check his claim of no other juris. this came from a single small det. ←

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CL-C
Data Sheets: None

Location: T6, R3, Section 35, Staats Lake, north of Lockhaven and West of River Road

Classification: PUB

Hydrologic Basin: Lower Claggett Basin

Wetland Area: 56.17

Soil: N/A Cm - Cloquato SiL non-hydric

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Staats Lake was created through gravel mining. New development is under construction around the Lake.

non-juris
because excavated in non-hydric soil

WETLAND SUMMARY SHEET

Date of Field Verification: 2/7/97

Wetland ID: CL-D
Data Sheets: None

Location: T6, R3, Section 26, Claggett Creek

Classification: PFO / R2

Hydrologic Basin: Lower Claggett Creek

Wetland Area: 0.2 for PFO part

Soil: N/A

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Potential
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Opportunities

Comments:

Determination ALO-0409

WETLAND SUMMARY SHEET

Date of Field Verification: 2/7/97

Wetland ID: CL-E
Data Sheets: CL18,CL19

Location: T6S, R2W, Section 35, Beginning at Wilark Park to Lockhaven

Classification: PEM , PSS

Hydrologic Basin: Lower Claggett

Wetland Area: ~~<.05~~ linear

Soil: Wapato silty clay loam, Bashaw clay, Willamette silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Juncus effusus	*GC*

Function/Value Summary: OFWAM Not applicable - stream reach.

Wildlife Habitat: Some habitat
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially Sensitive
Education: Has Potential
Aesthetic Quality: Not Pleasing

Fish Habitat: Lost or not present
Hydrologic Control: Impacted
Enhancement Potential: Little or degraded
Recreation: Has Potential

Comments: Channelized drainage through hydric soils. Surrounding area at upper end developed as mowed lawn to creek edge. Educational value is rated high due to public access in park. However, as other wetland functions are impacted, educational value is low. Passive recreation is present in park.

Det 97-0052 at south end.
WL is 15 ft wide, other reaches may be wider.

WETLAND SUMMARY SHEET

Date of Field Verification: 1/15/97 Offsite (viewed from road)

Wetland ID: CL-F
Data Sheets: CL16,CL17

Location: Claggett Creek, west side of River Road between Lockhaven and Lakeshore, T6S, R3W, Section 35

Classification: PEM, PSS

Hydrologic Basin: Lower Claggett Creek

Wetland Area: 11.64

Soil: Bashaw clay

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
PSS	
Phalaris arundinacea	*GC*
Cornus stolonifera	*Sh*
Salix lasiandra	*Sh*
PEM	
Alopecurus pratensis	*GC*
Dispsacus sylvestris	*GC*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderately pleasing

Fish Habitat Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential High
Recreation: Has opportunities

Comments: Enhancement potential exists at lower end. Some flood water storage exists and could be enhanced. Minimal to no buffer on southern, east side of southern and western portions. Recreation is overrated. Rating is based on finding potential.

This unit is Claggett creek AND floodplain wetlands jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: 1/15/97

Wetland ID: CL-G
Data Sheets: CL09,CL10, CL12, CL13, CL14

Location: T6S, R3W, Section 35, Claggett Creek from Chemawa Rd. to River Road

Classification: PEM, PSS, PFO

Hydrologic Basin: Lower Claggett Creek

Wetland Area: 26.59

Soil: Bashaw clay

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
PSS	
Carex obnupta	*GC*
Cornus stolonifera	*Sh*
Salix lasiandra	*Sh*
PEM	
Phalaris arundinacea	*GC*
Typha latifolia	*GC*
PFO	
Populus trichocarpa	*T*
Fraxinus latifolia	*T*
Cornus stolonifera	*Sh*
Lystichium americanum	*GC*
Carex obnupta	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality Moderately pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: The wetland on the SW side of the creek could be enhanced. Portions of the PEM are mowed. Wildlife habitat is underrated due to large/diverse nature of wetland and question 7. – poor water quality reduces habitat value.

jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: 1/15/97

Wetland ID: CL-H
Data Sheets: CL06, CL08

Location: T7S, R3W, Section 2, Claggett Creek between Dearborn and Chemawa

Classification: PEM

Hydrologic Basin: Lower Claggett Creek

Wetland Area: 5.96

Soil: Bashaw clay

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Phalaris arundinacea	*GC*

Function/Value Summary:

Wildlife Habitat: Some Habitat
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Has opportunities

Comments: Creek is channelized through east side of park. Fields on west side of creek had sporadic ponding. And were heavily grazed and trampled. There is potential for enhancement mitigation in pastures on east side of creek and creation mitigation in park. Enhancement or creation mitigation could be designed to increase flood storage capacity. Filling appears to be in progress on east side of creek adjacent to Dearborn. Disturbance and offsite viewing made wetland determination on east side of creek problematic. Most of wetland is an over-grazed cow pasture and channeled creek. Aesthetics is overtated.

Det 93-0101 and 97-0163 by DSL
confirms this is juris. wetland

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite/onsite 1/15/97

Wetland ID: CL-I

Data Sheets: CL01, CL03, CL04, CL05

Location: T7S, R3W, S2E, S1SW, S11NE, North of Salem Keizer Parkway, West of Verda, East of Bonneville, South of Deerborn

Classification: PEM, PSS, PFO

Hydrologic Basin: Lower Claggett Creek

Wetland Area: 31.32

Soil: Bashaw clay, Labish silty clay loam, Cloquato silt loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)
PSS	
Crataegus douglasii	*Sh*
Salix lasiandra	*Sh*
PEM	
Phalaris arundinacea	*GC*
Deschampsia cespitosa	*GC*
PFO	
Populus trichocarpa	*T*
Fraxinus latifolia	*T*
Cornus stolonifera	*Sh*
Salix lasiandra	*Sh*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Provides recreational opportunities

Comments: High potential for flood storage. Major portions of the emergent wetland communities have high enhancement potential. Adjacent upland could be turned into wetlands. High mitigation bank potential. Large area and diverse habitats should make rate wildlife habitat as high. OFWAM under-rates wildlife habitat.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CL-J
Data Sheets: None

Location: T6, R3, Section 35, McNary Golf Course

Classification: Ponds

Hydrologic Basin: Lower Claggett Basin

Wetland Area: 6.41

Soil: Chehalis silty clay loam non-hydric

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: These are landscaped ponds on McNary Golf Course. Hydrologic control, Sensitivity to impact and enhancement potential are all overrated.

non-jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: 1/22/97

Wetland ID: CL-K
Data Sheets: CL20, CL21, CL22

Location: T6S, R3W, Section 36,
Salem Pkwy and Ridge Road

Classification: PEM, PSS, PFO

Hydrologic Basin: Lower Claggett Basin

Wetland Area: 2.15

Soil: Labish silty clay loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)
PEM	
Phalaris arundinacea	*GC*
PSS	
Salix lasiandra	*Sh*
PFO	
Populus trichocarpa	*T*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has Uses
Aesthetic Quality: Pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Has potential

Comments: Recent filling in the wetland is evident. Enhancement potential is low due to recent disturbance. New sewer line probably has drained most of the wetland - education function is over rated by method. Aesthetic function is overrated by method.

~~Office visit~~ 5/29/98
Office visit by landowner Annette.
of CL-L (northern most lot)

~~Center lot~~ - filled - permitted possibly,
~~South lots~~ - created pond - mitigation? (with PEM label)
North lot - drainage existing owned by John Gattuccio 362-7098 - access allowed to ~~very~~ verify boundaries. Call to let him know area verified ~~to~~ as wetland

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CL-L
Data Sheets: None

Location: T7S, R3W, Section 1, East of Salem Keizer Pkwy, West of I-5, South of Keizer Rd.

Classification: PEM

Hydrologic Basin: Lower Claggett Basin

Wetland Area: 2.92

Soil: Labish silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Three wetland polygons mapped based on information from division of State Land files. One polygon adjacent to I-5 is an ODOT detention pond. Wildlife function is overrated due to location and isolation. Area permitted to be filled FP-13656.

Def 97-0068
96-0425
97-0480

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CL-M
Data Sheets: None

Location: T6S, R3W, Section 36, T7S, R2W, Section 6,
T7S, R3W, Section 1, T6S, R2W, Section 31,
SW of intersection of Chemawa and Portland Rd.
east of I-5. West of I-5, Chemawa Indian school

Classification: PEM, PSS

Hydrologic Basin: Lower Claggett

Wetland Area: 30.92

Soil: Semiahmoo muck
Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Most of this wetland complex is found within the Chemawa Indian school site. Enhancement potential for wildlife functions appears to be high with potential for mitigation banking. There may be flood storage capacity.

97-0308 in user (NRCS)

WETLAND SUMMARY SHEET

Date of Field Verification: 1/22/97 (offsite)

Wetland ID: CL-N
Data Sheets: None

Location: T6S, R3W, Section 1, southwest of I-5, and on both sides of Railroad tracks

Classification: PEM, PSS

Hydrologic Basin: Lower Claggett

Wetland Area: 2.17

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*
Salix lasiandra	*Sh*
Spiraea douglasii	*Sh*
Cornus stolonifera	*Sh*
Phalaris arundinacea	*GC*
Carex obnupta	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Enhancement potential is very overrated by assessment method. Hydrologic control is over rated due to isolated nature of wetland.

Det 92-0248

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-I **State:** OR **County:** Marion
Sample Plot ID: CL1

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name		Stratum	Indicator	%Cover
Populus trichocarpa	Black cottonwood		T	FAC	20
Fraxinus latifolia	Oregon ash	T		FACW	75
Cornus stolonifera	red-osier dogwood		Sh	FACW	15

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw clay
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1-2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 3"
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole: 6" **Is wetland hydrology criterion met? YES_X_ NO___**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Low matrix chroma with soft masses (mottles).

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-I **State:** OR **County:** Marion
Sample Plot ID: CL2

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Poa pratensis	Kentucky bluegrass	GC	FAC	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Colquato
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:**____ **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators: ?

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Part of a lawn adjacent to the stream.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-I **State:** OR **County:** Marion
Sample Plot ID: CL3

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	~95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Labish/Bashaw
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, probable wetland. No data for soil or hydrology sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-I **State:** OR **County:** Marion
Sample Plot ID: CL4

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	~95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Labish/Bashaw
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, probable wetland. No data for soil or hydrology sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-I **State:** OR **County:** Marion
Sample Plot ID: CL5

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Grasses				

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Bashaw clay
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO__ Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO__ Surface Water depth: ~1-3" observed ponding **Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole: Is wetland hydrology criterion met? YES_X_ NO___**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, probable wetland.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-I **State:** OR **County:** Marion
Sample Plot ID: CL6

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Bashaw clay
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES_X_ NO__** **Gleyed? YES__ NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:** 3"
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Sample point likely in fill.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-H **State:** OR **County:** Marion
Sample Plot ID: CL7

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Poa pratensis	Kentucky bluegrass	GC	FAC	90
Festuca arundinacea	tall fescue	GC	FAC-	5
Holcus lanatus	Velvet grass	GC	FAC	5

Percent of dominant species that are OBL, FACW, and/or FAC: 1/1 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: McBee silty clay loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO___
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole: >16"
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-H **State:** OR **County:** Marion
Sample Plot ID: CL8

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Bashaw clay
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Not recorded **Mottle Colors:** **Is hydric soil criterion met? YES__ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole: >16"
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO___

COMMENTS: Offsite, probable yes. Puddles throughout area. Heavily grazed.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-G **State:** OR **County:** Marion
Sample Plot ID: CL9

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	65
Poa sp.	bluegrass	GC	FAC	30

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR4/3 **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole: 8"
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Plot taken within road R.O.W. Low matrix chroma & mottled. Saturated @ 8".

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-G **State:** OR **County:** Marion
Sample Plot ID: CL10

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	Sh	FACW	~40

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Potentially, Offsite. No data for soil or hydrology sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-G **State:** OR **County:** Marion
Sample Plot ID: CL11

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Festuca arundinacea	tall fescue	GC	FAC-	80
Lolium perenna	perennial ryegrass	GC	FACU	20
Trifolium repens	white clover	GC	FAC	5
Poa pratensis	Kentucky bluegrass	GC	FAC	1
Agrostis tenuis	Colonial bentgrass	GC	FAC	1

Percent of dominant species that are OBL, FACW, and/or FAC: 20
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Bashaw
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole: 4"
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X__

COMMENTS: Low matrix chroma.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-G **State:** OR **County:** Marion
Sample Plot ID: CL12

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	4	FACW	99

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES__ NO_X_ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met?** YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 6"
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:** 6"
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Low matrix chroma.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-G **State:** OR **County:** Marion
Sample Plot ID: CL13

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	Sh	FACW	15
Cornus stolonifera	red-osier dogwood	Sh	FACW	75
Carex obnupta	slough sedge	GC	OBL	20

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 3"
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Low chroma.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-G **State:** OR **County:** Marion
Sample Plot ID: CL14

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Cornus stolonifera	red-osier dogwood	Sh	FACW	85
Fraxinus latifolia	Oregon ash	T	FACW	35
Lysichum americanum	skunk cabbage	GC	OBL	5
Carex obnupta	slough sedge	GC	OBL	5
Populus trichocarpa	Black cottonwood	T	FAC	30

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 3"
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Low chroma.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-G **State:** OR **County:** Marion
Sample Plot ID: CL15

Normal environmental conditions at plant Community? YES___ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Hedera helix	English ivy	V	NL/UPL	70
Crataegus douglasii	Douglas hawthorn	Sh	FAC	80
Pseudotsuga menziesii	Douglas fir	T	FACU	10
Rubus ursinus	trailing blackberry	V	UPL	5
	Holly			1
Corylus cornuta	Hazelnut	Sh	FACU	15
Polystichum munitum	sword fern	GC	FACU	10

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Not > 50%.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-F **State:** OR **County:** Marion
Sample Plot ID: CL16

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	Sh	FACW	20
Cornus stolonifera	red-osier dogwood	Sh	FACW	10
Phalaris arundinacea	reed canary grass	GC	FACW	20

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, probable wetland. No data for soil or hydrology sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-F **State:** OR **County:** Marion
Sample Plot ID: CL17

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	20
Alopecurus pratensis	meadow foxtail	GC	FACW	75
Dipsacus slyvestris	teasel	GC	FAC	5

Percent of dominant species that are OBL, FACW, and/or FAC: 2/2 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw clay mapped
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Not recorded **Mottle Colors:** **Is hydric soil criterion met? YES___ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite from road, probable. Some inundation observed.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: CL-E **State:** OR **County:** Marion
Sample Plot ID: CL18

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Juncus effusus	soft rush	GC	FACW	25

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 3"
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Channelized drainage in area with hydric soil. Low chroma.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/7/97
Site ID: CL-E **State:** OR **County:** Marion
Sample Plot ID: CL19

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Poa pratensis	Kentucky bluegrass	GC	FAC	100
Quercus garryana	Oregon white oak	T	FACU	30

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Bashaw
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Mowed lawn of city park.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: CL-K **State:** OR **County:** Marion
Sample Plot ID: CL20

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	Cottonwood	T	FAC	40
Salix lasiandra	Pacific willow	Sh	FACW	40
Phalaris arundinacea	reed canary grass	GC	FACW	40

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Labish
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES_X_ NO__ **Gleyed?** YES__ NO_X_
Matrix Color: 2.5Y4/2 **Mottle Colors:** 2.5Y4/4 **Is hydric soil criterion met?** YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:** 12"
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Inundated. Low matrix chroma & mottled.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: CL-K **State:** OR **County:** Marion
Sample Plot ID: CL21

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	Sh	FACW	40
Phalaris arundinacea	reed canary grass	GC	FACW	40

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Labish
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES_X_ NO__** **Gleyed? YES__ NO_X_**
Matrix Color: 2.5Y4/2 **Mottle Colors:** 2.5Y4/4 **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 12"
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Inundated. New fill in east side of wetland.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: CL-K **State:** OR **County:** Marion
Sample Plot ID: CL22

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	40

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Labish
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES_X_ NO__ **Gleyed?** YES__ NO_X_
Matrix Color: 2.5Y4/2 **Mottle Colors:** 2.5Y4/4 **Is hydric soil criterion met?** YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 0-6"
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:** 4"
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Saturated to inundation.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: CL-K **State:** OR **County:** Marion
Sample Plot ID: CL23

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Quercus garryana	Oregon white oak	T	UPL	50
Rubus discolor	Himalayan blackberry	V	FACU	20
Festuca arundinacea	tall fescue	GC	FAC-	20
Lolium perrena	perennial ryegrass	GC	FACU	25
UKN graminoid	------	GC	?	35

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors: Is hydric soil criterion met? YES___**
NO_X_ Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: CL-N **State:** OR **County:** Marion
Sample Plot ID: CL-26

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Spiraea douglasii	Douglas spiraea	Sh	FACW	
Salix lasiandra	Pacific willow	Sh	FACW	
Rosa nutkana	Nutka rose	Sh	FAC	
Scirpus microcarpa	small-fruited bullrush	GC	OBL	
Fraxinus latifolia	Oregon ash	T	FACW	
Carex obnupta	slough sedge	GC	OBL	
Phalaris arundinacea	reed canary grass	GC	FACW	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X__ NO___

COMMENTS: Offsite, ponded, no data for soil section.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: CL-N **State:** OR **County:** Marion
Sample Plot ID: CL-27

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Spiraea douglasii	Douglas spiraea	Sh	FACW	
Phalaris arundinacea	reed canary grass	GC	FACW	
Fraxinus latifolia	Oregon ash	T	FACW	
Cornus stolonifera	red-osier dogwood	Sh	FACW	

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes_X_ NO___ **Is the soil a Histosol?** YES___ NO___
Histic epidedon present? YES__ NO___ **Mottled?** YES__ NO___ **Gleyed?** YES__ NO___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met?** YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:**
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X__ NO___

COMMENTS: Offsite, viewed from RR.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CU-A
Data Sheets: None

Location: T7S, R3W, Section 12, Claggett Creek,
East side of Salem Pkwy, Mainline Dr.

Classification: R2

Hydrologic Basin: Upper Claggett

Wetland Area: linear

Soil: Terrace escarpments

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: There may be potential for flood detention/retention in adjacent wetlands and gravel pit.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CU-B
Data Sheets: CU1 , CU2

Location: T7S, R3W, Section 12, Claggett Creek,
East side of Salem Pkwy and RR,
South of Hyacinth

Classification: PEM, PSS

Hydrologic Basin: Upper Claggett

Wetland Area: 31.33

Soil: Bashaw clay

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Alopecurus pratonsis	GC
Phalaris arondinaea	GC
Juncus effusus	GC

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has potential
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Has potential

Comments: There may be potential for flood detention/retention and vegetative enhancement.

R2 channel runs between pits and up toward I-5

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CU-C
Data Sheets: None

Location: T7S, R3W, Section 12, Claggett Creek,
East side of Salem Pkwy and RR, South of Hyacinth

Classification: PUB

Hydrologic Basin: Upper Claggett

Wetland Area: 15.22

Soil: Woodburn silt loam / mapped as Bashaw

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: NA

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

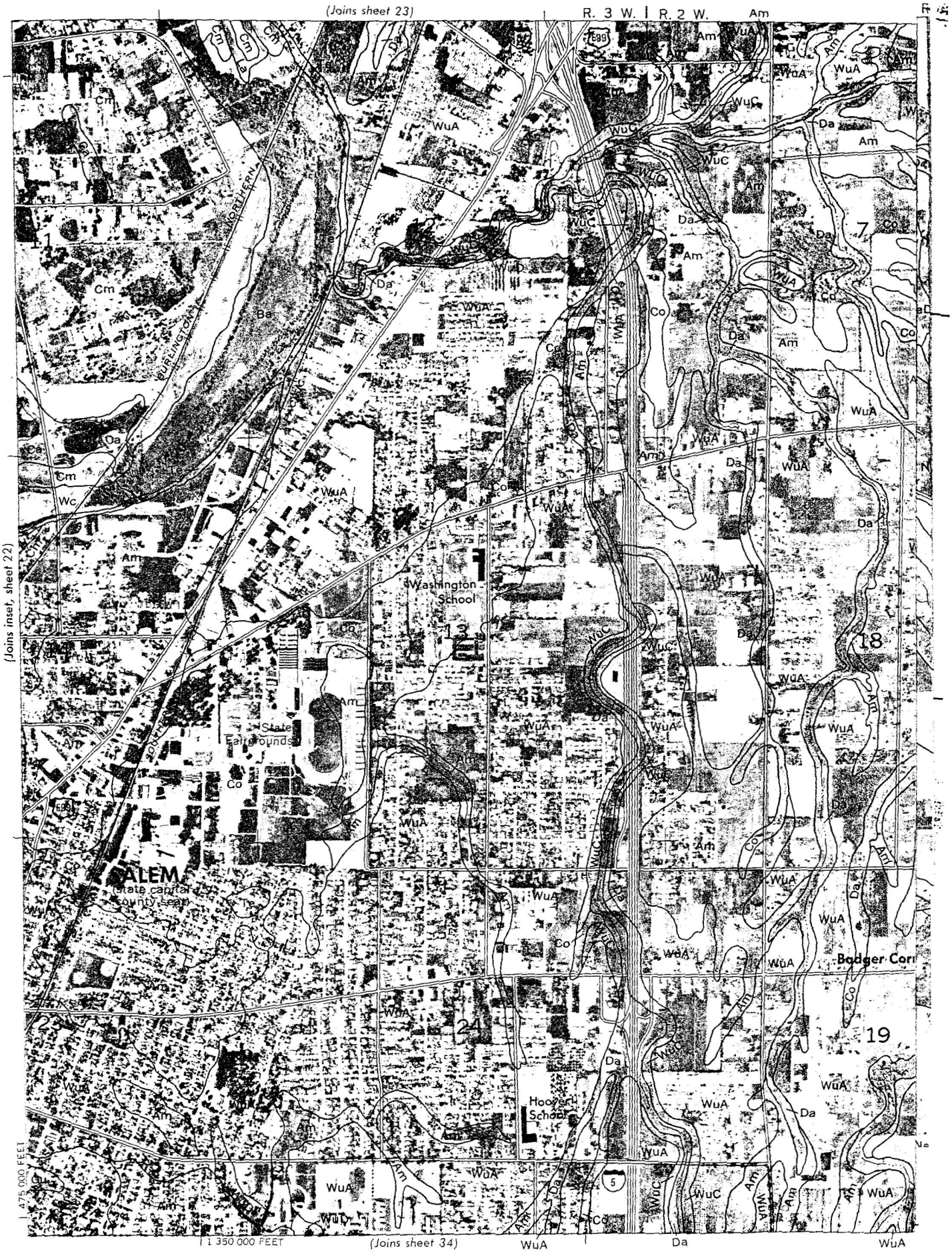
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Excavated gravel pit isolated from Claggett Creek by a dike, no surface water connection. There may be potential for flood detention/retention. OFWAM not done because site is an active gravel mine.

May provide fish or hydro control function. Needs to be evaluated.

check for Det./permit
needs OFWAM
excavated in Bashaw

CU-C gravel pit



WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CU-D
Data Sheets: None

Location: T7S, R3W, Section 12, West of RR,
East of Salem Pkwy, North of Hyacinth

Classification: PEM

Hydrologic Basin: Upper Claggett

Wetland Area: 1.22

Soil: Woodburn silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Probable wetland based on ponding in January. On-site verification is recommended as area is mapped as non-hydric soil. Insufficient data to complete function and value assessment.

cf Dets 92-240, 92-248

WETLAND SUMMARY SHEET

Date of Field Verification: 1/22/97

Wetland ID: CU-E
Data Sheets: CU2 missing

Location: T7S, R3W, Section 12, Northgate Park,
Between Hawthorn and 31st

Classification: PFO

Hydrologic Basin: Upper Claggett

Wetland Area: .50

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*
Poa pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Impacted or degraded
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Has potential
Aesthetic Quality: Pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Little
Recreation: Provides opportunities

Comments: This is a grove of trees with a mowed lawn understory in a city park. Inundation occurs during severe winter storms. Water quality is overrated as this is a developed area. Hydrologic control is overrated because there is a drainage system through the wetland. Aesthetics are overrated because this is a developed rather than natural area.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite and delineation on file at DSL

Wetland ID: CU-F
Data Sheets: None

Location: T7S, R2W, Section 7, East of Fisher Rd. South of White Oak Rd., North of Silverton Rd.

Classification: PFW, PEM

Hydrologic Basin: Upper Claggett

Wetland Area: .93

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Wetland areas represent headwater of drainages leading to Claggett Creek. Enhancement potential is overrated. Det.#97-0123, 96-0526.

WETLAND SUMMARY SHEET

Date of Field Verification: 2/7/97

Wetland ID: CU-G
Data Sheets: CU4, CU6

CU7
Location: T7S, R3W, Section 13, North end of fairgrounds, south side of Silverton Rd.

Classification: PEM

Hydrologic Basin: Upper Claggett

Wetland Area: .57

Soil: Amity silt loam, Concord silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Not sensitive
Education: N/A
Aesthetic Quality: N/A

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: N/A

Comments: These are low spots in undeveloped area in the northern portion of the state fairgrounds. The area is mowed and used for parking during the fair. Wildlife habitat value, water quality, and hydrological control are all overrated as these are isolated wetlands that are used for parking.

WETLAND SUMMARY SHEET

Date of Field Verification: 2/7/97

Wetland ID: CU-H

Data Sheets: CU8, EB14, EB17

EB-P is adjacent.

Location: T7S, R3W, Sections 13 & 24

Classification: PEM

Hydrologic Basin: East Bank

Wetland Area: 0.46

Soil: Concord silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Parking lots of fairgrounds. Functions for water quality, hydrologic control and education are overrated. The small depressions do not have a significant value for these functions, in addition, the wetlands are part of a parking area.

Flat area bisected by the Claggett / East Bank watershed boundary. Data points in either basin are representative of the site as a whole.

WETLAND SUMMARY SHEET

Date of Field Verification: 2/7/97

Wetland ID: CU-I
Data Sheets: CU9

Location: T7S, R3W, Section 13, Eastgate Basin Park

Classification: PFO

Hydrologic Basin: Upper Claggett

Wetland Area: 1.14

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*
Alopecurus pratensis	*GC*
Juncus effusus	*GC*
Poa pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Provides opportunities

Comments: Trees were recently cut within wetland area. Wetland cannot be significantly enhanced because of maturity of remaining trees.

WETLAND SUMMARY SHEET

Date of Field Verification: 9/11/96

Wetland ID: CU-J
Data Sheets: CU11

Location: T7S, R2W, Section 18, Mc Kay Park
Hollywood Rd.

Classification: PEM

Hydrologic Basin: Upper Claggett

Wetland Area: .61

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)
Phalaris arundinacea	*GC*
Juncus effusus	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has potential
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Little
Recreation: Has potential

Comments: This area has high potential for enhancement mitigation and limited potential for creation mitigation.

WETLAND SUMMARY SHEET

Date of Field Verification: Existing delineation

Wetland ID: CU-K
Data Sheets:

Location: T7S, R2W, Section 19, 42 nd Place and Sunnyview

Classification: PEM

Hydrologic Basin: Upper Claggett

Wetland Area: 0.76

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

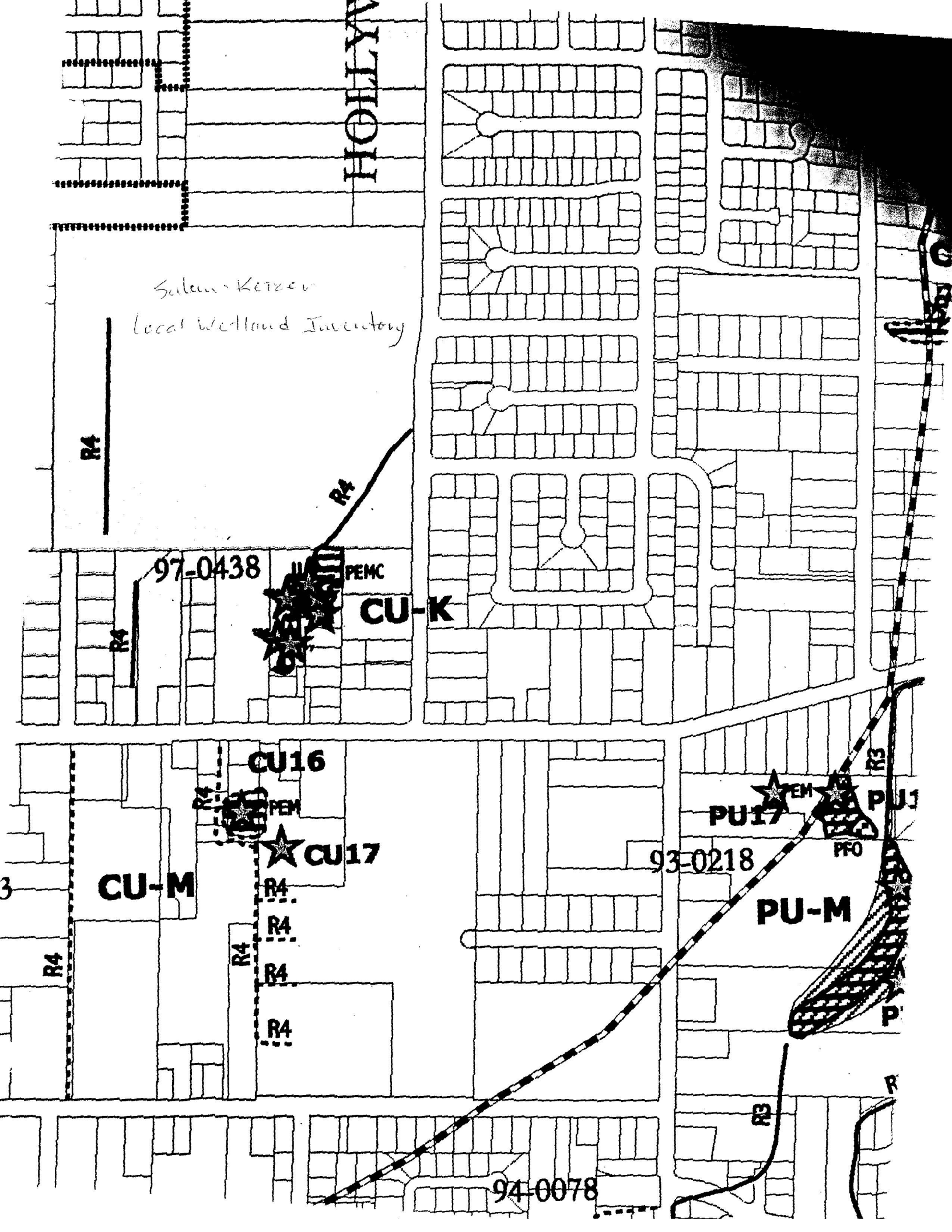
Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has potential
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Has potential

Comments: Wetlands are over-populated with nutria. This site is currently proposed for development. Wetland delineation is on file at the Division of State Lands.

Det 97-0438

mapped but unlabelled swales nearby at Highschool probably jurisdictional.


HOLLYWOOD
Salem-Keizer
Local Wetland Inventory
R4
97-0438
PEMC
CU-K
CU16
PEM
CU17
CU-M
93-0218
PU17
PEM
PFO
PU-M
R3
94-0078

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: CU-L
Data Sheets: CU15 incomplete

Location: T7S, R2W, Section 18

Classification: PEM

Hydrologic Basin: Upper Claggett

Wetland Area: .81

Soil: Woodburn silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Little
Recreation: Not appropriate

Comments: This area needs on-site verification as non-hydric soils are mapped. Probable wetlands based on viewing field of meadow foxtail, 3/26/97.

Needs determination onsite

WETLAND SUMMARY SHEET

Date of Field Verification: 4/1/97

Wetland ID: CU-M
Data Sheets: CU16 , CU17

Location: T7S, R2W, Section 19, south of Sunnyview Rd., west of 45 th Ave., east of Lancaster

Classification: PEM and R4

Hydrologic Basin: Upper Claggett

Wetland Area: .51

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Small remnant meadow foxtail wetland.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/7/97
Site ID: CU-B **State:** OR **County:** Marion
Sample Plot ID: CU1

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Aleopecurus pratensis	meadow foxtail	GC	FACW	35
Phalaris arundinacea	reed canary grass	GC	FACW	30
Juncus effusus	soft rush	GC	FACW	20

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw
Is the soil on hydric soils list? Yes_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR2/1 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_**
NO__ Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 1-2 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/24/96
Site ID: CU-B **State:** OR **County:** Marion
Sample Plot ID: CU2

Normal environmental conditions at plant Community? YES___ NO_X_
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Poa pratensis	kentucky bluegrass	GC	FAC	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO__ Mottled? YES__ NO_X_ Gleyed? YES__ NO__
Matrix Color: 10YR3/2 **Mottle Colors: Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES__ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES__ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES__ NO_X_

COMMENTS: Northgate park - mowed lawn.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott
Date: 9/24/96
Site ID: CU-B
State: OR **County:** Marion
Sample Plot ID: CU3

Normal environmental conditions at plant Community? YES___ NO_X_
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Poa pratensis	kentucky bluegrass	GC	FAC	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO__ Mottled? YES__ NO_X_ Gleyed? YES__ NO__
Matrix Color: 10YR3/2 **Mottle Colors: Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES__ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES__ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES__ NO_X_

COMMENTS: Northgate park - mowed lawn.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/7/97
Site ID: CU **State:** OR **County:** Marion
Sample Plot ID: CU4

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Concord
Is the soil on hydric soils list? Yes_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_**
NO__ Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 10 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation: Wetland drainage pattern

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WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Parking lot of fairgrounds. Low chroma, mottled, and ponded.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/7/97
Site ID: CU-G **State:** OR **County:** Marion
Sample Plot ID: CU6

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	10
Poa pratensis	kentucky bluegrass	GC	FAC	40
Trifolium repens	white clover	GC	FAC	20
Festuca arundinacea	tall fescue	GC	FAC	10
Trifolium pratensis	red clover	GC	FACW	15

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors: Is hydric soil criterion met? YES__ NO_X_ Other hydric soil indicators:**

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole: Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/7/97
Site ID: CU **State:** OR **County:** Marion
Sample Plot ID: CU7

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity
Is the soil on hydric soils list? **Yes___ NO_X_** ***Is the soil a Histosol?*** **YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 5YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 8 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/7/97
Site ID: CU-H **State:** OR **County:** Marion
Sample Plot ID: CU8

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR2/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 6-8 inches
Is the soil saturated? YES_X_ NO__ Depth to free-standing water in soil probe hole: surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Fairground parking. Low matrix chroma & mottled

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/11/96
Site ID: CU-I **State:** OR **County:** Marion
Sample Plot ID: CU-9

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	35
Rosa nutkana	nutka rose	Sh	FAC	<1
Juncus effusus	soft rush	GC	FACW	10
Poa pratensis	Kentucky bluegrass	GC	FACW	30
Alopecurus pratensis	meadow foxtail	GC	FACW	15

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES___** **NO___**

SOILS

Series/phase: Dayton
Is the soil on hydric soils list? Yes_X_ NO___ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES___ NO__ **Mottled? YES_X_ NO__** **Gleyed? YES__ NO__**
Matrix Color: 10YR4/1 **Mottle Colors:** 10YR5/6 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO_X_ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation: Wetland drainage pattern

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WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Oregon ash trimmed and brush cleared.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/11/96
Site ID: CU-I **State:** OR **County:** Marion
Sample Plot ID: CU-10

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Lawn				
Poa pratensis	Kentucky bluegrass	GC	FAC	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Woodburn
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors: Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/11/96
Site ID: CU-J **State:** OR **County:** Marion
Sample Plot ID: CU-11

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	95
Juncus effusus	soft rush	GC	FACW	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton
Is the soil on hydric soils list? Yes___ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/1 **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO__ Depth to free-standing water in soil probe hole: surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: High enhancement potential - mitigation bank.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/11/96
Site ID: CU-J **State:** OR **County:** Marion
Sample Plot ID: CU-12

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Hypochaeris radicata	catsear	GC	FACW	3
Trifolium repens	white clover	GC	FAC	3
Agoseris sp.	bentgrass	GC	FAC	20
Poa sp.	bluegrass	GC	FAC	10
Holcus lanatus	velvet grass	GC	FAC	60
Festuca arundinacea	tall fescue	GC	FAC	2

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 7.5YR 4/6 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: CU-J **State:** OR **County:** Marion
Sample Plot ID: CU-13

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Woodburn
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR5/4 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: High enhancement potential - mitigation bank.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: CU-J **State:** OR **County:** Marion
Sample Plot ID: CU-14

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton
Is the soil on hydric soils list? Yes_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES__ NO_X_ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met?** YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO_X_ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: No hydrology. Down cutting by creek drained area.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: CU-L **State:** OR **County:** Marion
Sample Plot ID: CU-15

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopercurus pratensis	meadow foxtail	GC	FACW	90

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase:
Is the soil on hydric soils list? Yes___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Possible, offsite. No data for soil or hydrology sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/1/97
Site ID: CU-M **State:** OR **County:** Marion
Sample Plot ID: CU-16

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopercurus pratensis	meadow foxtail	GC	FACW	80

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO__ Depth to free-standing water in soil probe hole: surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/1/97
Site ID: CU-M **State:** OR **County:** Marion
Sample Plot ID: CU-17

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Rubus discolor	Himalayan blackberry	Sh	FACU	50
Festuca arundinacea	tall fescue	GC	FAC-	30
Alopercurus pratensis	meadow foxtail	GC	FACW	10
Agrostis tenuis	Colonial bentgrass	GC	FAC	10

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/4 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 1/15/97

Wetland ID: EB-A
Data Sheets: None

Location: T6S, R3W, Section 27 & 34, East of Windsor Island Rd. West of McNary Golf course

Classification: PFO, pond

Hydrologic Basin: East Bank

Wetland Area: 5.47

Soil: Wapato silty clay loam / Chehalis SiCL.

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Populus trichocarpa	*T*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially Sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: Assessment is based strictly on air photo interpretation. Hydrologic control sensitivity to impact, and enhancement does not make sense as applied to these constructed ponds on golf course. Forested portion is jurisdictional and significant, golf hazard ponds are neither.

This unit should be split.

WETLAND SUMMARY SHEET

Date of Field Verification: 1/15/97

Wetland ID: EB-B
Data Sheets: EB2

Location: T6S, R3W, Section 28, Spongs Landing Park

Classification: PFO

Hydrologic Basin: East Bank

Wetland Area: 4.86

Soil: Wapato silty clay loam
Newberg fine sandy loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Potentially Sensitive
Education: Has educational uses
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Provides opportunities

Comments: This wetland area is adjacent to the Willamette River and appears to flood seasonally. Upland portions of the low lying forested area are within the 100 year flood plain, but do not satisfy all three wetland criteria. The wetland is aesthetically pleasing despite the OFWAM rating. Queestion 2 in aesthetics reduces the score.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite
1/15/97

Wetland ID: EB-C
Data Sheets: None

Location: T6S, R3W Section 33, South of Spongs Landing, South side of Windsor Island Rd.

Classification: Probable FW

Hydrologic Basin: East Bank

Wetland Area: 8.83

Soil: Wapato silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Farm ground was viewed from roadside. Ponding was evident in field following storm events.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: EB-D
Data Sheets: None

Location: T6S, R3W, Section 33, Willow Lake

Classification: L1UB, open water, PFO

Hydrologic Basin: East Bank

Wetland Area: 12.82

Soil: Water

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Providessome
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Has potential

Comments: Willow Lake appears to be the remnant of an ancient ox-bow in the Willamette River. There may be potential for mitigation in the arc of the old ox-bow, especially in areas that are now in agricultural production.

jurisdictional.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: EB-E
Data Sheets: None

Location: T6S, R3W, Section 33, Gravel pits

Classification: PUB, sand/gravel pits

Hydrologic Basin: East Bank

Wetland Area: 26.33

Soil: Newberg fine sandy loam non-hydric

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: These are a series of excavated sand and gravel pits. Not rated because site is an active gravel mine.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: EB-F
Data Sheets: None

Location: T6S, R3W, Section 33, South of Willow Lake

Classification: PUB, sand/gravel pits

Hydrologic Basin: East Bank

Wetland Area: 9.64

Soil: Gravel pit non-hydric
Newberg sil

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Sand or gravel pits.

non-jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: EB-G
Data Sheets: EB7

Location: T7S, R3W, Section 4

Classification: PFO , PUB

Hydrologic Basin: East Bank

Wetland Area: 0.99

Soil: Newberg silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*T*
Salix lasiandra	*Sh*
Cytisus scoparius	*Sh*

Function/Value Summary:

Wildlife Habitat:
Fish Habitat:
Water Quality:
Hydrologic Control:
Sensitivity to Impact:
Enhancement Potential:
Education:
Recreation:
Aesthetic Quality:

Comments: Not rated because area is below minimum mapping unit size required for local wetland inventory. was .24

Small PFO (.24ac) and pond (.75 ac)

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: EB-H
Data Sheets: None

Location: T7S, R3W, Section 4 Beardsley Bar

Classification: PUB

Hydrologic Basin: East Bank

Wetland Area: 2.97

Soil: Alluvial land

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Excavated area in sand/gravel bar along the river. Not rated under OFWAM because site is an active gravel mine.

Above ordinary high water per DSL map
non-jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: EB-I
Data Sheets: None

Location: T7S, R3W, Section 4

Classification: PUB

Hydrologic Basin: East Bank

Wetland Area: 1.08

Soil: Alluvial land non-hydric

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Excavated area in sand/gravel bar along the river. Not rated under OFWAM because site is an active gravel mine.

non-jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: EB-J
Data Sheets: None

Location: T7S, R3W, Section 15

Classification: PFO

Hydrologic Basin: East Bank

Wetland Area: .93

Soil: Newberg silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Populus trichocarpa	*T*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments:

WETLAND SUMMARY SHEET

Date of Field Verification: 1/22/97

Wetland ID: EB-K
Data Sheets: EB9

Location: T7S, R3W, Section 10, West of Garland Court

Classification: PFO

Hydrologic Basin: East Bank

Wetland Area: 7.6

Soil: Cloquato silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Populus trichocarpa	*T*
Fraxinus latifolia	*T*
Phalaris arundinacea	*GC*

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Has uses
Education: Potential uses
Aesthetic Quality: Pleasing

Fish Habitat: Intact
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Provides opportunities

Comments: Area an island in river during periods of high water.

WETLAND SUMMARY SHEET

Date of Field Verification: 1/22/97

Wetland ID: EB-L
Data Sheets: EB10

Location: T7S, R3W Section 15, Mill Creek Park

Classification: PSS

Hydrologic Basin: East Bank

Wetland Area: 2.02

Soil: Cloquato silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Salix lasiandra	*Sh*
Cornus stolonifera	*Sh*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Provides opportunities

Comments: River bank.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: EB-M
Data Sheets: None

Location: T7S, R3W, Section 11, South of Salem Keizer Parkway

Classification: R2, two constructed ponds (PUB)

Hydrologic Basin: East Bank

Wetland Area: 12.14

Soil: O.W. non-hydric soil

open water Co = Camas gravelly sandy loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Gravel pit. Not rated under OFWAM because site is an active gravel mine.

non-jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: 1/22/97

Wetland ID: EB-N
Data Sheets: EB10, EB11, EB12, EB13

Location: T7S, R3W, Section 14, Oregon School for the Deaf

Classification: PEM

Hydrologic Basin: East Bank

Wetland Area: 3.91

Soil: Wapato silty clay loam

Dominant Vegetation:

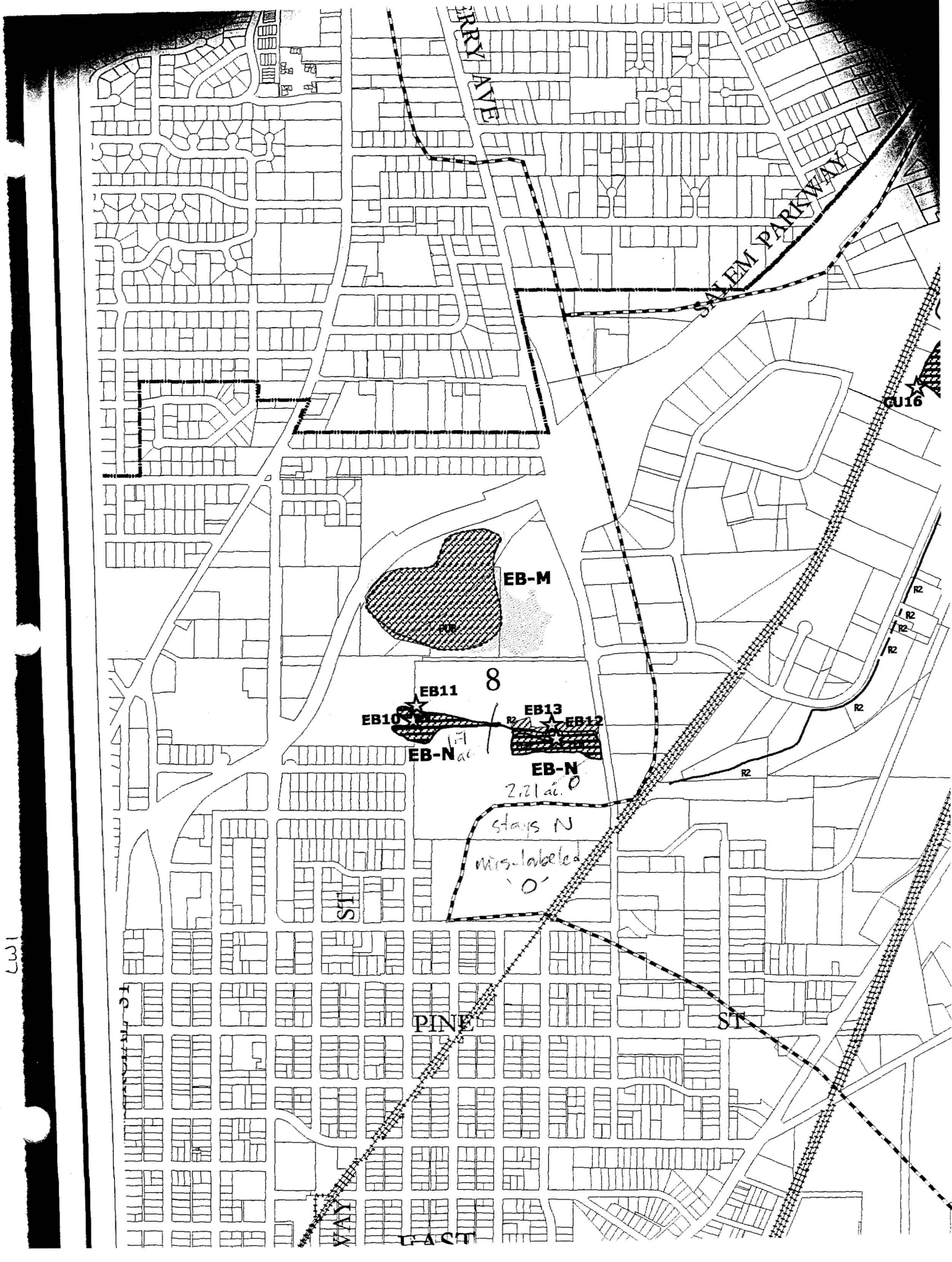
Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Potential uses
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Potential

Comments: OFWAM under-rates enhancement potential. There is heavy winter grazing by geese. Has potential for education uses as site is near school.


RY AVE
SALEM PARKWAY
CU16
EB-M
R2
8
EB11
EB10
EB13
EB12
EB-N
1.7 ac
EB-N
2.21 ac
stays N
mis-labeled
'O'
ST
PINE
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WAY
EAST

WETLAND SUMMARY SHEET

Date of Field Verification: 2/7/97

Wetland ID: EB-P
Data Sheets:EB14, EB17

Location: T7S, R3W, Sections 13 & 24, Fairgrounds

Classification: PEM

Hydrologic Basin: East Bank

Wetland Area: 3.28

Soil: Concord silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Not present
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Potential
Aesthetic Quality: Moderately pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Little potential
Recreation: Potential

Comments: Parking lots of fairgrounds. Assessment method does not apply. Functions for most values over-rated.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: EB-B **State:** OR **County:** Marion
Sample Plot ID: EB1

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	60
Symphoricarpos albus	snowberry	Sh	FACU	80
Quercus garryana	Oregon white oak	T	UPL	15
Amalanchier alnifolia	serviceberry	Sh	FACU	5
Berberis aquifolium	tall Oregon grape	Sh	UPL	1

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Newberg fine sandy loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 1-6 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Site visit occurred when river was flooding. Most years during the growing season area probably does not have hydrology. No soil or vegetation.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: EB-A **State:** OR **County:** Marion
Sample Plot ID: EB2

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Wapato silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: >3 feet
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Area under 3 feet of water, no data for soil section.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: EB-B **State:** OR **County:** Marion
Sample Plot ID: EB3

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Poa pratensis	Kentucky bluegrass	GC	FAC	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Cloquato silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2-3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: No indicators, lawn down to rivers edge.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: EB-B **State:** OR **County:** Marion
Sample Plot ID: EB4

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	black cottonwood	T	FAC	85
Hedera helix	English ivy	NL	NL	25
Symphoricarpos alba	snowberry	Sh	FACW	30
Ilex sp.	holly	Sh	NL	5
Alnus rubra	red alder	T	FAC	5
Prunus virginiana	choke cherry	Sh	FACW	T

Percent of dominant species that are OBL, FACW, and/or FAC: 33
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Cloquato silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Within floodplain, but normally does not have hydrology.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: EB **State:** OR **County:** Marion
Sample Plot ID: EB5

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Poa pratensis	Kentucky bluegrass	GC	FAC	70
Lolium perenne	perennial ryegrass	GC	FACU	30

Percent of dominant species that are OBL, FACW, and/or FAC: 70
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Cloquato silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/3 **Mottle Colors: Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation: Evidence of recent flooding.

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: EB **State:** OR **County:** Marion
Sample Plot ID: EB6

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Poa pratensis	Kentucky bluegrass	GC	FAC	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Cloquato silt loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation: Recent flooding.

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Flooding does not occur in growing season.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: EB-G **State:** OR **County:** Marion
Sample Plot ID: EB7

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	
Salix lasiandra	Pacific willow	T	FACW	
Cytisus scoparius	Scots broom	Sh	NL	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Newberg silt loam
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO__
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators: Offsite

HYDROLOGY

Is ground surface inundated? YES_X_ NO__ Surface Water depth: No data, observed ponding
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, no data for soil section.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: EB **State:** OR **County:** Marion
Sample Plot ID: EB8

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Acer macrophylla	big-leaf maple	T	FACU	35
Abies grandis	grand fir	T	UPL	15
Symphoricarpos alba	snowberry	Sh	FACU	40
Laurel	laurel-ornamental	Sh	NL	10
Polystichum munitum	sword fern	GC	FACU	20
Rubus ursinus	trailing blackberry	V	UPL	15
Rubus discolor	Himilayan blackberry	V	FACU	25
Hedera helix	English ivy	V	NL	25
Tomolina menziesii	pig-a-back	GC	FAC	15

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Cloquato silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2-3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: EB-K **State:** OR **County:** Marion
Sample Plot ID: EB9

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	black cottonwood	T	FAC	
Fraxinus latifolia	Oregon ash	T	FACW	
Phalaris arundinacea	reed canary grass	GC	FACW	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Cloquato silt loam
Is the soil on hydric soils list? YES___ NO_X_ **Is the soil a Histosol?** YES___ NO___
Histic epidedon present? YES__ NO___ **Mottled?** YES__ NO___ **Gleyed?** YES__ NO___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met?** YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** no data
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: No access due to high water, no data for soil section. Partially flooded during site visit, could not get to island.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: EB-N **State:** OR **County:** Marion
Sample Plot ID: EB10

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	60

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Wapato silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES_X_ NO__ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR4/2 **Mottle Colors:** 2.54 4/3 & 10YR 4/6 **Is hydric soil criterion met?** YES_X_ NO_
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 1-12 inches
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: One flow drainage system. Drain system adjacent to wetland on s. side.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: EB-N **State:** OR **County:** Marion
Sample Plot ID: EB11

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Mowed grass, no regrowth	no id			

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Cloquato silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO___ Mottled? YES__ NO_X_ Gleyed? YES__ NO___
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/15/97
Site ID: EB-N **State:** OR **County:** Marion
Sample Plot ID: EB12

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
No Vegetation	*True Emergents*			

Percent of dominant species that are OBL, FACW, and/or FAC: 100 to nothing
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Wapato silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/2 **Mottle Colors:** 10YR4/6 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 12 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Drainage system between ball field & wetland is overflowing. Heavy goose use.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: EB-N **State:** OR **County:** Marion
Sample Plot ID: EB13

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
UKN graminoids				

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Cloquato silt loam
Is the soil on hydric soils list? YES___ NO_X_ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO___ **Mottled?** YES__ NO_X_ **Gleyed?** YES__ NO___
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met?** YES___ NO_X_
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO_X_ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/22/97
Site ID: EB-O **State:** OR **County:** Marion
Sample Plot ID: EB14

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Concord silt loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 @10" **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 0-10 inches
Is the soil saturated? YES_X_ NO__ Depth to free-standing water in soil probe hole: surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Fairground parking lot.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/7/97
Site ID: EB-O **State:** OR **County:** Marion
Sample Plot ID: EB15

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	20
Festuca arundinacea	tall fescue	GC	FAC-	30
Poa pratensis	Kentucky bluegrass	GC	FAC	20
Trifolium repens	white clover	GC	FAC	20

Percent of dominant species that are OBL, FACW, and/or FAC: 75
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Concord
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 @10" **Mottle Colors: Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole: >12"
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Fairground parking lot.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 5/2/97
Site ID: EB-O **State:** OR **County:** Marion
Sample Plot ID: EB16

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Festuca arundinacea	tall fescue	GC	FAC-	30
Poa pratensis	Kentucky bluegrass	GC	FAC	25
Trifolium repens	white clover	GC	FAC	20
Trifolium pratensis	red clover	GC	FACW	20

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Concord silt loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 @10" **Mottle Colors: Is hydric soil criterion met? YES__**
NO_X_ Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole: >12"
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/7/97
Site ID: EB-O **State:** OR **County:** Marion
Sample Plot ID: EB17

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	75

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Concord silt loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: ~10 inches
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

WETLAND SUMMARY SHEET

Date of Field Verification: 9/24/96

Wetland ID: GG-A
Data Sheets: GG18, GG19

Location: T7S R3W, Section 5

Classification: PUBH

Hydrologic Basin: Glenn-Gibson

Wetland Area: 3.55

Soil: Xerochrepts and Haploxerolls, steep

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Glyceria occidentalis	*GC*
Epilobiaum watsonii	*GC*
Rubus discolor	*Sh*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: Formerly a tributary of Glenn Creek. The "lake" was created by damming the tributary. The only outlet appears to be for mitigation. This also includes an intermittent tributary and pond. Limited enhancement potential, despite rating.

WETLAND SUMMARY SHEET

Date of Field Verification: 10/22/96

Wetland ID: GG-E
Data Sheets: GG14, GG15, GG16

Location: T&S, R3W, Section 16, Topcam along Goldcrest to Glenn Creek

Classification: R4, PSS

Hydrologic Basin: Glenn Creek- Gibson

Wetland Area: .89

Soil: Amity silty loam, Cove silty clay loam, Concord silty loam, Woodburn silty loam

Dominant Vegetation:

Species	Stratum(T=tree, Sh=shrub, GC=Ground cover)
Populus trichocarpa	*T*
Phalaris arundinacea	*GC*
Salix scouleriana	*Sh*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderately pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Impacted or degraded
Enhancement Potential: High
Recreation: Has potential

Comments: This is an intermittent tributary to Glenn Creek. Upper part of the creek channel is lined by residential development with landscaped yards to the top of bank. Black cottonwoods grow on the bank. A willow thicket is found below Linwood street. Lower part of tributary is similar to GG12 and GG13 (i.e. riparian upland, narrow creek channel). Creek channel is generally 3-5 feet wide through the residential area, widening at Linwood. Downstream from shrub wetland, the stream channel narrows.

Only adjacent to Street most of parcel has C. monogyna & blackberry adjacent to stream - no wetlands ass. w/ North side

WETLAND SUMMARY SHEET

Date of Field Verification: 10/22/96

Wetland ID: GG-F
Data Sheets: GG12, GG13

Location: T7S, R3W, Section 16, Orchard Heights Rd. to Wallace Rd.

Classification: R3, R4

Hydrologic Basin: Glenn-Gibson

Wetland Area: linear

Soil: Cove silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Riparian	
Quercus garyanna	*T*
Pseudotsuga menziesii	*T*
Corylus cornuta	*Sh*
Symphoricarpos albus	*Sh*
Hedera helix	
Creek Bank	
Populus trichocarpa	*T*
Fraxinus latifolia	*T*

Function/Value Summary:

Wildlife Habitat:	**Fish Habitat:**
Water Quality:	**Hydrologic Control:**
Sensitivity to Impact:	**Enhancement Potential:**
Education:	**Recreation:**
Aesthetic Quality:	

Comments: Observations made on site and from road crossings. Creek channel is 4-10 feet wide with Oregon ash and black cottonwood trees growing along bank. Riparian area above top of bank is upland. At recorded locations, soil appeared brighter than indicated in soil survey. Orchard Heights Park provides floodwater retention during severe storm events. Park access provides educational and recreational opportunities.

WETLAND SUMMARY SHEET

Date of Field Verification: 1/7/97

Wetland ID: GG-G
Data Sheets: GG10

Location: T7S, R3W, Section 16, north and south of Orchard Heights Rd.

Classification: PFO, R3

Hydrologic Basin: Glenn-Gibson

Wetland Area: 1.59

Soil: Cove silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*T*
Populus trichocarpa	*T*

Function/Value Summary: probably diverse (significant

Wildlife Habitat: Impacted or degraded
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing
Fish Habitat: Impacted
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: There may be wetlands beyond top of bank. Wetland enhancement potential is low because riparian vegetation cover is already good. Low aesthetic rating due to small are of viewing. Delineation #95-0020 on file.

PFO is exclusive

WETLAND SUMMARY SHEET

Date of Field Verification: 10/18/96

Wetland ID: GG-H
Data Sheets: GG6-GG9

Location: T7S, R3W, Section 20, Doakes Ferry Rd., south side of Ptarmigan St.

Classification: R2

Hydrologic Basin: Glenn-Gibson

Wetland Area: Linear feature

Soil: McAlpin silty clay loam,
Waldo silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Riparian	
Populus trichocarpa	*T*
Salix sp.	*Sh*
Alnus rubra	*T*
Fraxinus latifolia	*T*
landscaped lawns	*GC*
Creek Bank	
Populus trichocarpa	*T*
Fraxinus latifolia	*T*
Scirpus microcarpus	*GC*
Juncus effusus	*GC*
Carex obnupta	*GC*

Function/Value Summary:

Wildlife Habitat:
Fish Habitat:
Water Quality:
Hydrologic Control:
Sensitivity to Impact:
Enhancement Potential:
Education:
Recreation:
Aesthetic Quality:

Comments: Glenn Creek channel is about 3-8 feet wide through area. The riparian area is generally 2 feet higher than normal high water. Riparian vegetation tends to be hydrophytic, yet the riparian area is not a wetland. Cutthroat are known to be present downstream from Doakes Ferry Rd. Enhancement potential is overrated due to patterns of development and ownership.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: GG-I
Data Sheets: None

Location: T7S, R3W, Section 19, Parallel to Doakes Ferry Rd.

Classification: R2, two constructed ponds(PUB)

Hydrologic Basin: Glenn-Gibson

Wetland Area: linear

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This reach is tree-lined with two permanently flooded impoundments. According to OFWAM, enhancement potential is high. However, this method overrates enhancement potential. Patterns of land ownership, development, and lack of hydric soils adjacent to creek channel greatly reduces enhancement potential.

A portion of this reach is outside city limits

WETLAND SUMMARY SHEET

Date of Field Verification: 10/18/96

Wetland ID: GG-J
Data Sheets: GG1, GG2, GG3

Location: T7S, R3W, Section 19, Gleneden & Hidden Valley

Classification: R4

Hydrologic Basin: Glenn-Gibson

Wetland Area: Linear feature

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Scirpus microcarpus	GC
Phalaris arundinacea	GC
Glyceria occidentalis	GC
Typha latifolia	GC

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This stream reach (2- 8 ft. wide) flows through a residential area. It serves as a dividing line between properties. Zone of regulation is within normal high water. There are no riparian wetlands. A few trees and shrubs are scattered along the bank. Virtually all areas above top of bank are landscaped yards. Oregon Department of Fish and Wildlife has not sampled this reach for the presence of fish. Impoundments downstream likely prevent upstream fish passage into this reach.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: GG-K
Data Sheets: None

Location: T7S, R3W, Section 19,Glenn Creek, western project boundary to Gleneden & Hidden Valley

Classification: R4

Hydrologic Basin: Glenn-Gibson

Wetland Area: Linear feature

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This stream reach (2-8 feet wide) flows through open space. It is within the urban growth boundary. Therefore, there is potential for development. Based on observation down stream, it is doubtful that riparian wetlands are present. Shrubs and small trees appear to overhang most of this stream reach. Therefore there is little opportunity for wetland enhancement. Residents reported flooding on Hidden Valley Drive during severe storm event. There is potential for creating storm water detention ponds along this reach.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: GG-L
Data Sheets: None

Location: T7S, R3W, Section 19, Northwest of 29 th Ct.

Classification: PUB, Constructed ponds

Hydrologic Basin: Glenn-Gibson

Wetland Area: 1.3

Soil: McAlpin silty clay loam,
Nekia silty clay loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Impacted or degraded
Enhancement Potential: High
Recreation: Not appropriate

Comments: Two constructed farm ponds are located at the headwater of this tributary to Glenn Creek. Flow from the ponds is outside the study area. Functions/Value summary is restricted to ponds in study area. Enhancement potential is overrated.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: GG-M
Data Sheets:

Location: T7S, R3W, Section 19, Confluence Gibson and Glenn Creek, and south of Wallace Rd.

Classification: R4, ponds, PFO

Hydrologic Basin: Glenn-Gibson

Wetland Area: 1.34

Soil: Waldo silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: Most of this area is a constructed pond on Gibson Creek at it's confluence with Glenn Creek. The pond is on the urban growth boundary between a golf course and farmland. Golfers have viewing access. Det#93-0192.

WETLAND SUMMARY SHEET

Date of Field Verification: 1/7/97 **Wetland ID:** GG-N
Data Sheets: G23-27

Location: T7S, R3W, Section 17 & 8, Doakes Ferry Rd. to Wallace Rd.

Classification: PUB, PEM, R4

Hydrologic Basin: Glenn-Gibson **Wetland Area:** 0.22

Soil: Woodburn silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Salix lasiandra	*T*
Juncus effusus	*GC*
Biden sp.	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Not pleasing
Fish Habitat: Impacted or degraded
Hydrologic Control: Impacted
Enhancement Potential: High
Recreation: Provides opportunities

Comments: This area includes small constructed ponds and intermittent drainage that vary in width, 3ft. to 15 ft. Enhancement potential is overrated. Education and recreational uses are in public park off Brush College Rd. Det.#96-0540.

WETLAND SUMMARY SHEET

Date of Field Verification: 1/7/97, Offsite

Wetland ID: GG-O
Data Sheets: GG20, GG21

Location: T7S, R3W, Section 8

Classification: PEM

Hydrologic Basin: Glenn-Gibson

Wetland Area: .34

Soil: Woodburn silt loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Impacted or degraded
Enhancement Potential: High
Recreation: Not appropriate

Comments: These wetlands are along a meandering channel through a narrow floodplain. Water quality is overrated as there are severe impacts to creek bank from livestock grazing.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/18/96
Site ID: GG-J **State:** OR **County:** Polk
Sample Plot ID: GG1

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alnus rubra	red alder	Sh	FAC	5
Populus trichocarpa	black cottonwood	Sh		5
Glyceria occidentalis	manna grass	GC		10
Phalaris arundinacea	reed canary grass	GC	FACW	10
Scirpus microcarpus	small fruited bulrush	GC		30
Juncus effusus	soft rush	GC		5

Percent of dominant species that are OBL, FACW, and/or FAC: 100 on bank
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? YES___ NO_X_ **Is the soil a Histosol? YES___ NO___**
Histic epidedon present? YES__ NO___ **Mottled? YES__ NO___** **Gleyed? YES__ NO___**
Matrix Color: Not recorded **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ **Surface Water depth:**
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: 8' wide, steep bank. No wetland plants beyond top of bank.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/18/96
Site ID: GG-J **State:** OR **County:** Polk
Sample Plot ID: GG2

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Landscaped/residential	both sides top of bank			
Thuja plicata	west. red cedar	T		2
Bark mulch				75

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO___ **Is the soil a Histosol?** YES___ NO___
Histic epidedon present? YES__ NO_X_ **Mottled?** YES__ NO_X_ **Gleyed?** YES__ NO_X_
Matrix Color: 5YR3/4-2.5YR4/4 **Mottle Colors:** **Is hydric soil criterion met?** YES__ NO_X_
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ **Surface Water depth:**
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/18/96
Site ID: GG-J **State:** OR **County:** Polk
Sample Plot ID: GG3

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Typha latifolia	Cattail	GC	OBL	10
Juncus effusus	soft rush	GC	FACW	5
Phalaris arundinacea	reed canary grass	GC	FACW	25
Alnus rubra	Red alder	T	FAC	2

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Not recorded **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 6 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Flooded > 2 weeks growing season. 6 ft. wide. R4

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/18/96
Site ID: GG-J **State:** OR **County:** Polk
Sample Plot ID: GG4

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Mowed lawn, grass <1inch				

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 5YR3/4 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole: >18 inches
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/18/96
Site ID: GG-J **State:** OR **County:** Polk
Sample Plot ID: GG5

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Pseudotsuga menziesii	Douglas fir	T	FACU	10
Acer macrophyllum	big-leaf maple	T	FACU	30
Polystichum munitum	sword fern	GC	FACU	10
Hedera helix	English ivy	GC	NL	75

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? **YES___** **NO_X_**

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? YES___ NO_X_ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES__ NO_X_** **Gleyed? YES__ NO_X_**
Matrix Color: 5YR3/4 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES__ NO_X_ **Depth to free-standing water in soil probe hole:** >18 inches
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/18/96
Site ID: GG-E **State:** OR **County:** Polk
Sample Plot ID: GG6

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix sp.	willow	Sh	FAC/FACW	30
Alnus rubra	red alder	T	FAC	15
Populus trichocarpa	black cottonwood	T	FAC	15

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO___ Mottled? YES__ NO_X_ Gleyed? YES__ NO___
Matrix Color: red soil on surface **Mottle Colors: Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Riparian area does not appear to have wetland hydrology or hydric soils. Soil does not appear to be saturated. Riparian area 2-3 feet higher than water level in creek. Creek channel 4-6 feet wide, normal flow within top of bank.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/18/96
Site ID: GG-E **State:** OR **County:** Polk
Sample Plot ID: GG7

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	50
Populus trichocarpa	Black cottonwood	T	FAC	50
Cornus stolonifera	Red osier dogwood	Sh	FACW	<5
Acer circinatum	vine maple	Sh	FAC-	5
Polystichum munitum	sword fern	GC	FACU	10

Percent of dominant species that are OBL, FACW, and/or FAC: 2/3 66
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Waldo silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES__ NO_X_** **Gleyed? YES__ NO_X_**
Matrix Color: 7.5YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES__NO_X_ **Depth to free-standing water in soil probe hole:** >18 inches
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Riparian area not a wetland, non-hydric soil. Channel 3-4 feet wide, normal flow within top of bank. Soil brighter than indicated in soil survey. Fill?

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/18/96
Site ID: GG-E **State:** OR **County:** Polk
Sample Plot ID: GG8

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Landscaped lawn	above top of bank			
Populus trichocarpa	}			
Fraxinus latifolia	} on creek bank			
Carex obnupta	}			

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Waldo silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 7.5YR3/4 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Riparian wetlands restricted to area within normal high water, on top of bank. Data point above top of bank. Creek channel 3-8 feet wide. Above top of bank is landscaped.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/22/96
Site ID: GG-E **State:** OR **County:** Polk
Sample Plot ID: GG9

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Landscaped yard, bark mulch				
Alnus rubra	}			
Salix sp.	} top of bank and below			
Juncus effusus	}			
Scirpus microcarpus	}			

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Waldo silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO___
Matrix Color: 5YR3/4 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole: >18 inches
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Creek 3-5 feet wide, behind most houses - fill/terracing to top of bank.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/7/97
Site ID: GG-G **State:** OR **County:** Polk
Sample Plot ID: GG10

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	Black cottonwood	T	FAC	20
Salix sp.	Willow	Sh	FAC	30
Phalaris arundinacea	reed canary grass	GC	FACW	40
Scirpus microcarpus	small fruited bulrush	GC	OBL	20

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Cove silty clay loam
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite viewing from road. Soil section not recorded. Drift lines apparent from roadside viewing.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/7/97
Site ID: GG-G **State:** OR **County:** Polk
Sample Plot ID: GG11

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Corylus cornuta	Hazelnut	Sh	FACU	10
Symphoricarpos alba	snowberry	Sh	FACU	20
Salix sp.	Willow	Sh	FAC/FACW	15
Rubus discolor	Himalayan blackberry	Sh	FACU	35

Percent of dominant species that are OBL, FACW, and/or FAC: 1/4 25
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: 7.5YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Creek channel 4-6 ft. wide. Park flooded in Feb. 1996. Also *Populus trichocarpa*, *Fraxinus latifolia*, growing into bank at some locations in the park. Other riparian area of park; *Polystichum munitum*, *Crataegus monogyma*, *Hedera helix*, *Festuca arundinacea*.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/22/96
Site ID: GG-F **State:** OR **County:** Polk
Sample Plot ID: GG12

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Pseudotsuga menziesii	Douglas fir	T	FACU	30
Quercus garryana	Oregon white oak	T	NL	40
Polystichum munitum	sword fern	GC	FACU	10
Hedera helix	English ivy	GC	NL	50

Percent of dominant species that are OBL, FACW, and/or FAC: _
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Cove silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 7.5YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Creek channel bottom of hill, narrow flood plain < 20 feet. *Fraxinus latifolia* in bank.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/22/96
Site ID: GG-F **State:** OR **County:** Polk
Sample Plot ID: GG13

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Corylus cornuta	Hazelnut	T	FACU	15
Symphoricarpos alba	snowberry	Sh	FACU	20
Hedera helix	English ivy	GC	NL	50

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? **YES___** **NO_X_**

SOILS

Series/phase: Cove silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES__ NO_X_** **Gleyed? YES__ NO_X_**
Matrix Color: Not recorded **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Creek 6-10 ft. wide. Upland vegetation above top of bank. *Fraxinus latifolia*, *Populus trichocarpa* in bank. Matrix color not recorded. Viewed from bridge over creek.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/22/96
Site ID: GG-E **State:** OR **County:** Polk
Sample Plot ID: GG14

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	black cottonwood	T	FAC	75

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Creek 3-5 ft. wide. Landscaped yards above top of bank. Fill present to top of bank in many locations.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/22/96
Site ID: GG-E **State:** OR **County:** Polk
Sample Plot ID: GG15

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	80

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Not recorded **Mottle Colors:** **Is hydric soil criterion met? YES__ NO___**
Other hydric soil indicators: no data

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Creek 10 ft. wide. Landscaped yard above top of bank. Intermittent creek channel. Viewed from Linwood St. crossing.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/22/96
Site ID: GG-E **State:** OR **County:** Polk
Sample Plot ID: GG16

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix scouleriana	Scouler's willow	Sh	FAC	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100 _
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES__ NO___
Other hydric soil indicators: no data

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation: Wetland drainage pattern

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WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, appears to be at least saturated based on topography.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/22/96
Site ID: GG-D **State:** OR **County:** Polk
Sample Plot ID: GG17

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	90

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Cove silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO___
Matrix Color: 10YR3/1 **Mottle Colors:** 7.5YR5/6 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole: 4"
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Roadside observation. Drift lines indicated flooding.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/24/96
Site ID: GG-A **State:** OR **County:** Polk
Sample Plot ID: GG18

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Glyeria occidentalis	manna grass	GC	OBL	75
Epilolium watsonii	Watsons willow	GC	FACW	5
Rubus discolor	Himalayan blackberry	Sh	FACU	10

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Xerochrepts & Haploxcroll
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES_X_ NO__ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** 7.5YR3/3 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Lake Vanessa.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/24/96
Site ID: GG-A **State:** OR **County:** Polk
Sample Plot ID: GG19

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Crataegus monogyma	one-seeded hawthorn	Sh	FACU	25
Rubus discolor	Himalayan blackberry	Sh	FACU	20
Corylus cornuta	hazelnut	Sh	FACU	15
Pyrus malus	apple	T	UP	15

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? **YES___** **NO_X_**

SOILS

Series/phase: Xerochrepts & Haploxeroll
Is the soil on hydric soils list? YES___ NO_X_ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO___ **Mottled? YES___ NO__** **Gleyed? YES__ NO___**
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO_X_ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/7/97
Site ID: GG-O **State:** OR **County:** Marion
Sample Plot ID: GG20

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover

Percent of dominant species that are OBL, FACW, and/or FAC: _
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO___ **Is the soil a Histosol?** YES___ NO___
Histic epidedon present? YES__ NO___ **Mottled?** YES___ NO__ **Gleyed?** YES__ NO___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met?** YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:**
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, evidence of flooding adjacent creek. Heavily grazed pasture and bare ground.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/7/97
Site ID: GG-O **State:** OR **County:** Marion
Sample Plot ID: GG21

Normal environmental conditions at plant Community? YES___ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	Sh	FACW	
Juncus effusus	soft rush	GC	FACW	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO_X_ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Flooded during site visit.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/7/97
Site ID: GG- **State:** OR **County:** Marion
Sample Plot ID: GG23

Normal environmental conditions at plant Community? YES___ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
	Ornamental lily pad			

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Constructed pond.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/24/96
Site ID: GG-N **State:** OR **County:** Marion
Sample Plot ID: GG24

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	Sh	FACW	100
Juncus effusus	soft rush	GC	FACW	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, no data for hydrology section.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/24/96
Site ID: GG-N **State:** OR **County:** Marion
Sample Plot ID: GG25

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Landscaped lawns				
Pinus contorta	lodgepole pine	T	FAC	5
Holcus lanatus	velvet grass	GC	FAC	25
Plantago lanceolata	English plantain	GC	FACU	30
Taroxacum officianale	dandelion	GC	FACU	10
Ranunculus repens	buttercup	GC	FACW	10

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Creek channel three feet wide. No riparian wetland.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/24/96
Site ID: GG-N **State:** OR **County:** Marion
Sample Plot ID: GG26

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Biden sp.	beggars tick	GC	FACW	
Juncus effusus	soft rush	GC	FACW	
	milfoil		OBL	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO___ Mottled? YES__ NO_X_ Gleyed? YES__ NO___
Matrix Color: 5YR4/1 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Constructed pond.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 9/24/96
Site ID: GG-N **State:** OR **County:** Marion
Sample Plot ID: GG27

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Festuca arundinacea	tall fescue	GC	FAC-	60
Agrostis tenuis	colonial bentgrass	GC	FAC	30

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO___ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/1 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Constructed pond.

WETLAND SUMMARY SHEET

Date of Field Verification: 2/13/97

Wetland ID: MC-A
Data Sheets: None

Location: T7S, R3W, Section 22, 23, 24, 25, 26, Mouth of Mill Creek to State Street

Classification: R2

Hydrologic Basin: Mill Creek

Wetland Area: linear

Soil: Riprap

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: From the mouth of Mill Creek to State St., the bank of Mill creek is rip-rap. In-stream enhancement potential is limited. There are essentially no riparian wetlands. However, red alder, black cottonwood, big-leaf maple and ornamentals grow at the top of bank, shading the creek. Maintaining shade trees should be encouraged and replaced on state owned land (archives building). Surrounding development limits enhancement potential.

WETLAND SUMMARY SHEET

Date of Field Verification: 2/13/97

Wetland ID: MC-B
Data Sheets:

Location: T7S, R3W, Section 25, Mill Creek,
Women's prison, State St.

Classification: R2

Hydrologic Basin: Mill Creek

Wetland Area: linear

Soil:

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: The bank is rip-rap with no riparian wetland.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/7/97

Wetland ID: MC-C
Data Sheets: MC2, MC3

Location: T7S, R3W, Section 25, Women's prison, State St.

Classification: PEM

Hydrologic Basin: Mill Creek

Wetland Area: .51

Soil: Amity silt loam,
soil sample appears to be Dayton inclusion

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Algae	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Little
Recreation: Not appropriate

Comments: Prison property requires clear field of vision. Thus, wetland enhancement potential is limited to emergents.

2 tiny emergent WL's, isolated.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/7/97

Wetland ID: MC-D
Data Sheets: MC5, MC6

Location: T7S, R3W, Section 25, Women's prison, State St.

Classification: PEM

Hydrologic Basin: Mill Creek

Wetland Area: .82

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alopecurus pratensis	*GC*
Juncus effusus	*GC*
Carex sp.	*GC*
Poa pratensis	*GC*
Hypocharis radicans	*GC*

Function/Value Summary:

Wildlife Habitat: Impacted or degraded
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Little
Recreation: Not appropriate

Comments: These wetlands are a series of isolated wetlands on prison grounds.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/7/97

Wetland ID: MC-E
Data Sheets: MC8

Location: T7S, R3W, Section 25, Women's prison, State St.

Classification: PEM, PUB

Hydrologic Basin: Mill Creek

Wetland Area: 2.57

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has potential
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Little
Recreation: Has potential

Comments: These wetlands flooded in February 1996.

Det 96-0463

ditch between WL and constructed pond is not jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: 3/7/97

Wetland ID: MC-F
Data Sheets: MC10

Location: T7S, R3W, Section 25,
Women's prison, State Street

Classification: Pond, PFO, PEM

Hydrologic Basin: Mill Creek

Wetland Area: 4.48

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Salix sp.	*T*
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: This is an excavated pond and adjacent forested wetland on prison ground. Wetland enhancement potential is over-rated because it cannot be enhanced and woody vegetation already exists around much of the pond's perimeter.

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97

Wetland ID: MC-G
DataSheets:MC11, MC12,MC13, MC14

Location: T7S, R3W, Section 25, North and South of RR between Hawthorn and I-5

Classification: PEM, PSS

Hydrologic Basin: Mill Creek

Wetland Area: 7.4

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Salix lasiandra	*Sh*
Crataegus douglasii	*Sh*
Agrostis alba	*GC*
Phalaris arundinacea	*GC*
Juncus tenuis	*GC*

Function/Value Summary:

Wildlife Habitat: Impacted or degraded
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Has potential

Comments: Data point MC11 was offsite. Enhancement potential is moderate.

mitigation site

RF-7299

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97, Offsite

Wetland ID: MC-H
Data Sheets: MC15

Location: T7S, R3W, Section 25, SW corner of Hawthorn and State

Classification: PFO

Hydrologic Basin: Mill Creek

Wetland Area: 1.34

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted of degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Development of Hawthorn has disrupted downstream continuity of this drainage.

Det. 96-0362

WETLAND SUMMARY SHEET

Date of Field Verification: 2/17/97, Offsite

Wetland ID: MC-I
Data Sheets: MC16

Location: T7S, R3W, Section 36, Field between Mill creek and Hawthorn

Classification: FW

Hydrologic Basin: Mill Creek

Wetland Area: .42

Soil: Concord silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: These are three isolated, farmed wetlands as determined by DEA consultants. Det.#96-0362.

WETLAND SUMMARY SHEET

Date of Field Verification: 2/17/97, Offsite

Wetland ID: MC-J
Data Sheets:

Location: T7S, R3W, Section 36, Mill Creek
west of Hawthorn, east of Airport Rd.

Classification: R2, PFO

Hydrologic Basin: Mill Creek

Wetland Area: 7.1

Soil:

Dominant Vegetation:

Species **Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Intact
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Not appropriate

Comments: Presence of riparian wetlands was not determined for this reach. Existing delineation had much of the area mapped as forested wetland. However, southern portion of MC-J did not have wetland hydrology and had 10YR3/X soils. Det.#96-0362.

verify old delineation.

↳ Dom. plant = Fraxinus
no - see plot 14 10YR 3/1
plot location map follows
p. 7 of report

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97, Offsite

Wetland ID: MC-K
Data Sheets: MC19, MC20
both offsite

Location: T7S, R3W, Section 36, North of HWY 22, West and East sides of Hawthorn

Classification: PFO, FW, PEM

Hydrologic Basin: Mill Creek

Wetland Area: 5.38

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Wetland area on east side of Hawthorn is under construction and has been recently modified. Wetland on west side of Hawthorn is FW. There is an existing delineation on file at DSL. There is no function/value summary because the area is under construction.

96-0017
RF 10432

WETLAND SUMMARY SHEET

Date of Field Verification: 1/25/97

Wetland ID: MC-L
Data Sheets: MC21, MC22

Location: T7S, R3W, Section 36, South of State motor pool, East side of Airport Rd.

Classification: PEM

Hydrologic Basin: Mill Creek

Wetland Area: 7.1

Soil: Courtney gravelly silty clay loam, Amity silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Deschampsia cespitosa	*GC*
Carex unilateralis	*GC*
Festuca arundinacea	*GC*
Agrostis tenuis	*GC*
Crataegus douglasii	*Sh*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Has potential

Comments: This is one of the best examples of wet meadow remaining in the study area.

Det 90-0126 for part behind motor pool

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97

Wetland ID: MC-M
Data Sheets: MC25

Location: T7S, R3W, Section 36, Mill Creek, north of Rt. 22, east of Hawthorn

Classification: R2, PSS

Hydrologic Basin: Mill Creek

Wetland Area: 5.53

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Salix lasiandra	*Sh*
Cornus stolonifera	*Sh*
Phalaris arundinacea	*GC*

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Impacted
Sensitivity to Impact: Sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Intact
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Not appropriate

Comments: Wetland area is between a dike and the stream channel. Det.#96-0017.

Det 94-0282 for Mill Creek

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97

Wetland ID: MC-N
Data Sheets: M27, MC28

Location: T7S, R3W, Section 36, Between COSTCO and I-5, North of Rt.22

Classification: PFO, PEM, PSS, pond

Hydrologic Basin: Mill Creek

Wetland Area: 22.24

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*T*
Carex obnupta	*GC*

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Potential use
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Not appropriate

Comments: Wetland flags indicated a recent delineation. However, a report was not located at the Division of State Lands. The wetland complex, west of the freeway ramp, is in good ecological condition with relatively high species and structural diversity. The portion inside the freeway has isolated clover leaf. Aesthetic quality is highly underrated by OFWAM criteria.

Site altered by I-5 widening

Det 96-0263

WETLAND SUMMARY SHEET

Date of Field Verification: 10/15/96

Wetland ID: MC-O
Data Sheets: MC29, MC30, MC31

Location: T7S, R3W, Section 36, South of Rt. 22, West side of I-5

Classification: PFO, PSS, PUB

Hydrologic Basin: Mill Creek

Wetland Area: 44.53

Soil: Clackamas gravelly loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Populus trichocarpa	*T*
Salix lasiandra	*Sh*
Spiraea douglasii	*Sh*
Phalaris arundinacea	*GC*

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Sensitive
Education: Has uses
Aesthetic Quality: Moderately pleasing

Fish Habitat: Intact
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Provides opportunities

Comments: Cascade Gateway Park

gravel pit is Dot cc. cross. juris waters of state.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 10/15/96

Wetland ID: MC-P
Data Sheets: MC32

Location: T7S, R3W, Section 36, T8S, R3W Section 1,
Mill creek adjacent to west side of I-5

Classification: R2, PFO

Hydrologic Basin: Mill Creek

Wetland Area: 0.27
for PFO wetland only

Soil:

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Sensitive
Education: Has uses
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted
Hydrologic Control: Lost
Enhancement Potential: Moderate
Recreation: Provides opportunities

Comments: There is a small riparian wetland associated with a gravel bar on this reach of the creek. However, there is a water control device connecting the creek to MC-Q. Aesthetic quality is underrated.

This unit includes a reach of Mill creek from Cascade Gateway Park to I-5 overpass.

WETLAND SUMMARY SHEET

Date of Field Verification:

Wetland ID: MC-Q
Data Sheets: MC34,MC36

Location: T8S, R3W Section 1, Cascade Gateway Park and Wirth Lake

Classification: PFO, OW

Hydrologic Basin: Mill Creek

Wetland Area: 20.4

Soil: Clackamas gravelly loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Populus trichocarpa	*T*
Alnus rubra	*T*
Fraxinus latifolia	*T*
Cornus stolonifera	*Sh*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Provides opportunities

Comments: Wildlife habitat is primarily for waterfowl and limited for terrestrial species. Potential for mitigation (creation and enhancement) particularly on west side of Wirth Lake is high. This would be and excellent side to create a mitigation bank. It would have to be designed not to attract more waterfowl because of proximity to the airport.

WETLAND SUMMARY SHEET

Date of Field Verification: Determination report on file

Wetland ID: MC-R

Data Sheets:

Location: T8S, R3W Section 1, West side of Turner Rd., East of runway 31, Salem airport

Classification: PSS

Hydrologic Basin: Mill Creek

Wetland Area: .33

Soil: Courtney gravelly silty clay loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is a small isolated wetland on the airport grounds adjacent to Turner road. Function/Value summary not provided because area is less than .5 acre.

OK

WETLAND SUMMARY SHEET

Date of Field Verification: 3/5/97

Wetland ID: MC-S
Data Sheets:

Location: T8S, R3W Section 7, Mill Creek
South of I-5 to Cordon Rd.

Classification: R2

Hydrologic Basin: Mill Creek

Wetland Area: linear

Soil:

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: There is active aggregate mining on both the east and west sides of the creek. There may be opportunities to use the gravel pits for flood storage. In-stream enhancement may be possible. Riparian habitat appears to be in good ecological condition. Aesthetic quality is underrated.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/5/97

Wetland ID: MC-T
Data Sheets:

Location: T8S, R3W Section 7, Mill Creek,
between Cordon and Turner Roads

Classification: R2

Hydrologic Basin: Mill Creek

Wetland Area: linear

Soil:

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
ydrologic Control:
Enhancement Potential:
Recreation:

Comments: Riparian habitat is impacted, degraded and has high potential for enhancement.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite
Determination in DSL file ?

Wetland ID: MC-U
Data Sheets:

Location: T7S, R2W Section 31, West of Lancaster,
north of Rt. 22, southeast of Meadow Lawn golf course

Classification: PEM

Hydrologic Basin: Mill Creek

Wetland Area: 2.1

Soil:

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: These are two small isolated wetlands.

Can't find Det

WETLAND SUMMARY SHEET

Date of Field Verification: 3/5/97

Wetland ID: MC-V
Data Sheets: MC37

Location: T8S, R2W Section 8

Classification: FW

Hydrologic Basin: Mill Creek

Wetland Area: 10.73

Soil:

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Not present
Hydrologic Control: Impacted or degraded
Enhancement Potential: Little
Recreation: Not appropriate

Comments: Farmed wetland on prison property. Potential for restoring wetland vegetation is high, although not likely as long as the area is farmed.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/5/97 **Wetland ID:** MC-W
Data Sheets:

Location: T8S, R2W Section 7, East of I-5, north of Turner Rd.

Classification: Gravel pits

Hydrologic Basin: Mill Creek **Wetland Area:** 216.80

Soil: several, including Courtney (hydric)

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Gravel pits. There is potential to create structures to divert flood water into the gravel pits with slow release following storm events. Such a plan would require cooperation between public and private interests. OFWAM rating not performed because the site is an active gravel mine.

excavated partially in hydric soil area.
Jurisdictional.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/5/97

Wetland ID: MC-X
Data Sheets: MC38

Location: T8S, R2W Section 7, State Prison property,
East of Mill creek, south of Turner Rd.

Classification: FW

Hydrologic Basin: Mill Creek

Wetland Area: 5.21

Soil: Courtney gravelly silty clay loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Not present
Hydrologic Control: Impacted or degraded
Enhancement Potential: Little
Recreation: Not appropriate

Comments: Farmed Wetland. There is potential for restoring wetland vegetation. However, this is unlikely as long as the area is farmed.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/5/97

Wetland ID: MC-Y
Data Sheets:

Location: T8S, R2W Section 18, Mill Creek through prison grounds between RR and Turner Rd., south of bridge to urban growth boundary

Classification: R2

Hydrologic Basin: Mill Creek

Wetland Area: linear

Soil:

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: NA

Wildlife Habitat:	**Fish Habitat:**
Water Quality:	**Hydrologic Control:**
Sensitivity to Impact:	**Enhancement Potential:**
Education:	**Recreation:**
Aesthetic Quality:	

Comments: There are no riparian wetlands associated with the creek. There are opportunities for wetland banking along this reach of the creek. However, prospects for mitigation on State Prison grounds are low. Excavation would be expensive. (opinion)

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97

Wetland ID: MC-Z
Data Sheets: MC39

Location: T7S, R3W, Section 27, Pringle Creek from confluence of Mill Race, South to Bush Pasture Park

Classification: R2

Hydrologic Basin: Mill Creek

Wetland Area: linear

Soil:

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: NA

Wildlife Habitat:	**Fish Habitat:**
Water Quality:	**Hydrologic Control:**
Sensitivity to Impact:	**Enhancement Potential:**
Education:	**Recreation:**
Aesthetic Quality:	

Comments: There are no riparian wetlands associated with this reach. Portions of drainage are underground. Hydrologic basin maps, provided by City of Salem, label this reach in Mill Creek basin. Development to edge of creek limits enhancement potential.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/10/97

Wetland ID: MC-AA
Data Sheets: MC40, MC41

Location: T7S, R3W, Section 25, East side of I-5, South side of State St. from 25th St to the Willamette

Classification: PEM, R2, pond

Hydrologic Basin: Mill Creek

Wetland Area: 2.56

Soil: Dayton silt loam, Amity silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Poa pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provide some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Has potential
Aesthetic Quality: Not Pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Little
Recreation: Has potential

Comments: This is an isolated emergent wetland that appears to be mowed lawn in the summer. Geese use the area in the winter and early spring.

Includes lowest reach of pringle creek. created channel to serve historic mills

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97

Wetland ID: MC-BB
Data Sheets: None

Location: T7S, R3W, Section 26, 27, & 36,
Shelton ditch
Classification: R2

Hydrologic Basin: Mill Creek

Wetland Area: linear

Soil: N/A

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Landscaped- varies	

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Mill Race may have juvenile fish during portions of the year. The ratings do not apply to this man-made drainage. OFWAM does not work on a landscaped, man-made drainage.

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97

Wetland ID: MC-CC
Data Sheets:

Location: T7S, R3W, Section 27,
Mill Creek to Pringle Creek

Classification: R2

Hydrologic Basin: Mill Creek

Wetland Area: linear

Soil:

Dominant Vegetation:

Species	**Stratum** (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Landscaped ditch.

Mill race

JF 7.13

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: MC-EE
Data Sheets: None

Location: T8S, R2W Sec 6

Classification: PFO,

Hydrologic Basin: Mill Creek

Wetland Area:0.77

Soil: Cortney gravelly silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*

Function/Value Summary:

Wildlife Habitat: Provides Some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderately pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or Degraded
Enhancement Potential: Moderate
Recreation: Not Appropriate

Comments:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/13/97
Site ID: MC-A **State:** OR **County:** Marion
Sample Plot ID: MC1

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	black cottonwood	T	FAC	60
Hedera helix	English ivy	V	NL	75
Rubus discolor	Himilayan blackberry	Sh	FACW	25

Percent of dominant species that are OBL, FACW, and/or FAC: 35
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: No data-fill
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES___ NO__
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Riprap banks, little to no soil.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/17/97
Site ID: MC-C **State:** OR **County:** Marion
Sample Plot ID: MC2

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Algae	Algae			

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Mapped as Amity-Dayton
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR4/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: one foot
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Pipe being repaired which disturbed area.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/17/97
Site ID: MC-C **State:** OR **County:** Marion
Sample Plot ID: MC3

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Algae	Algae			

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Mapped as Amity-Dayton
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR4/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: one foot
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Pipe being repaired which disturbed area.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/7/97
Site ID: MC-C **State:** OR **County:** Marion
Sample Plot ID: MC4

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Anthoxanthum odoratum	sweet vernal grass	GC	FACW	60
Lolium perenne	perennial ryegrass	GC	FACW	25
Festuca arundinacea	tall fescue	GC	FAC-	15

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/2 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X__
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/7/97
Site ID: MC-D **State:** OR **County:** Marion
Sample Plot ID: MC5

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	65

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 6 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/7/97
Site ID: MC-D **State:** OR **County:** Marion
Sample Plot ID: MC6

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Juncus effusus	soft rush	GC	FACW	15
Carex sp.	sedge	GC	FACW	15
Poa pratensis	Kentucky bluegrass	GC	FAC	30
Hypochaeris radicata	false dandelion	GC	FACU	10
Juncus sp.	rush	GC	FACW	10

Percent of dominant species that are OBL, FACW, and/or FAC: 80
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES_X_ NO__ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR4/1 **Mottle Colors:** 10YR4/3 **Is hydric soil criterion met?** YES_X_ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** two
Is the soil saturated? YES_X_ NO__ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/7/97
Site ID: MC-D **State:** OR **County:** Marion
Sample Plot ID: MC7

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Anthoxanthum odoratum	sweet vernal grass	GC	FACU	30
Alopecurus pratensis	meadow foxtail	GC	FACW	25
Lolium perenne	perennial ryegrass	GC	FACU	20

Percent of dominant species that are OBL, FACW, and/or FAC: 33
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR5/2 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/7/97
Site ID: MC-E **State:** OR **County:** Marion
Sample Plot ID: MC8

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	65

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/1 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 8 inches
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/7/97
Site ID: MC-E **State:** OR **County:** Marion
Sample Plot ID: MC9

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Trifolium repens	white clover	GC	FAC	20
Poa pratensis	Kentucky bluegrass	GC	FAC	45
Lolium perenne	perennial ryegrass	GC	FACU	25

Percent of dominant species that are OBL, FACW, and/or FAC: 66
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES_X_ NO__ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR4/1 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met?** YES_X_ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO_X_ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Does not have hydrology.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/7/97
Site ID: MC-F **State:** OR **County:** Marion
Sample Plot ID: MC10

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix baby lonica	weeping willow	T		40
Alopercurus geniculatus	water foxtail	GC	OBL	70

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES_X_ NO__ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met?** YES_X_ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 4 inches
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: MC-G **State:** OR **County:** Marion
Sample Plot ID: MC11

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	90
Crataegus douglasii	Douglas hawthorn	Sh	FAC	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO___
Histic epidedon present? YES__ NO___ **Mottled?** YES___ NO__ **Gleyed?** YES__ NO___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met?** YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 6 inches
Is the soil saturated? YES_X_ NO__ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, no data for soil section, some observed ponding. Appears to have recent fill, part of mitigation area.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: MC-G **State:** OR **County:** Marion
Sample Plot ID: MC12

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Agrostis alba	red top	GC	FACW	60
Juncus effusus	soft rush	GC	FACW	20

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES__ NO_X_ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met?** YES_X_ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES_X_ NO__ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Low chroma.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/27/97
Site ID: MC-G **State:** OR **County:** Marion
Sample Plot ID: MC13

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Agrostis tenuis	colonial bentgrass	GC	FAC	80
Cirsium arvense	Canadian thistle	GC	FACU	20

Percent of dominant species that are OBL, FACW, and/or FAC: 80
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES___ NO_X_ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES__ NO_X_** **Gleyed? YES__ NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO_X_ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/27/97
Site ID: MC-G **State:** OR **County:** Marion
Sample Plot ID: MC14

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	Sh	FACW	15
Phalaris arundinacea	reed canary grass	GC	FACW	80
Juncus tenuis	slender rush	GC	FACW	10

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES_X_ NO__ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met?** YES__ NO_X_
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 1 inch
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Low chroma and mottled.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/25/97
Site ID: MC-H **State:** OR **County:** Marion
Sample Plot ID: MC15

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	80

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES__ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation: Observed ponding

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WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite. No data for soil or hydrology sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/17/97
Site ID: MC-I **State:** OR **County:** Marion
Sample Plot ID: MC16

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
NO VEG				

Percent of dominant species that are OBL, FACW, and/or FAC: __
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Concord
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES__ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: ?
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Plowed field, probable farmed wetland. Offsite, no data for soil section. Observed ponding.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: MC-J **State:** OR **County:** Marion
Sample Plot ID: MC17

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	70
Salix lasiandra	Pacific willow	T	FACW	15

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Courtney gravelly silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: No data for soil section. Surface water depth was normal high water in stream channel.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: MC-J **State:** OR **County:** Marion
Sample Plot ID: MC18

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	60
Agrostis tenuis	colonial bentgrass	GC	FAC	30
Rubus discolor	Himalayan blackberry	Sh	FACU	30
Poa pratensis	Kentucky bluegrass	GC	FAC	20

Percent of dominant species that are OBL, FACW, and/or FAC: 75
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: A few depressions along an old stream channel, but not wet.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: MC-K **State:** OR **County:** Marion
Sample Plot ID: MC19

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	60
Salix lasiandra	Pacific willow	T	FACW	30

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, no data for soil section.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: MC-K **State:** OR **County:** Marion
Sample Plot ID: MC20

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
None				

Percent of dominant species that are OBL, FACW, and/or FAC: _
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO___ **Mottled?** YES__ NO___ **Gleyed?** YES__ NO___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met?** YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:**
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, no data for soil section. Probable farmed wetland with observed ponding.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/25/97
Site ID: MC-L **State:** OR **County:** Marion
Sample Plot ID: MC21

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Deschampsia cespitosa	tufted hair grass	GC	FACW	95
Crataegus douglasii	Douglas hawthorn	Sh	FAC	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Courtney gravelly silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES_X_ NO__** **Gleyed? YES__ NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR5/6 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 4 inches
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/25/97
Site ID: MC-L **State:** OR **County:** Marion
Sample Plot ID: MC22

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Agrostis tenuis	colonial bentgrass	GC	FAC	75
Holcus lanatus	velvet grass	GC	FAC	5
Festuca arundinacea	tall fescue	GC	FAC-	1
Carex unilateralis	one-sided sedge	GC	FACW	1
Deschampsia cespitosa	tufted hair grass	GC	FACW	1

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Courtney gravelly silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES_X_ NO__** **Gleyed? YES__ NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR5/6 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:** 3 inches
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/25/97
Site ID: MC-L **State:** OR **County:** Marion
Sample Plot ID: MC23

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Festuca arundinacea	tall fescue	GC	FAC-	30
Agrostis tenuis	colonial bluegrass	GC	FAC	60
Daucus carota	queen anne's lace	GC	FACU	T

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Courtney gravelly silty clay loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Does not have hydrology or vegetation.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/25/97
Site ID: MC-L **State:** OR **County:** Marion
Sample Plot ID: MC24

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Festuca arundinacea	tall fescue	GC	FAC-	25
Agrostis tenuis	colonial bentgrass	GC	FAC	65
Hypericum perforatum	St. John's wort	Sh	NL	T
Cirsium arvense	Canadian thistle	GC	FACU	T
Rubus discolor	Himalayan blackberry	Sh	FACU	T

Percent of dominant species that are OBL, FACW, and/or FAC: 50_
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors: Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: MC-M **State:** OR **County:** Marion
Sample Plot ID: MC25

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	Sh	FACW	65
Cornus stolonifera	red-osier dogwood	Sh	FACW	5
Phalaris arundinacea	reed canary grass	GC	FACW	70
Urtica dioica	stinging nettle	GC	FAC+	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation: Wetland drainage pattern, soils very wet but not saturated @ site visit.

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/15/96
Site ID: MC-M **State:** OR **County:** Marion
Sample Plot ID: MC26

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	25
Salix lasiandra	Pacific willow	Sh	FACW	35
Crataegus douglasii	Douglas hawthorn	Sh	FAC	25
Rosa nutkana	Nutka rose	Sh	FAC	15
Rubus discolor	Himilayan blackberry	Sh	FACU	20
Phalaris arundinacea	reed canary grass	GC	FACW	25

Percent of dominant species that are OBL, FACW, and/or FAC: 80
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam- Dike
Is the soil on hydric soils list? Yes_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Part of dike.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: MC-N **State:** OR **County:** Marion
Sample Plot ID: MC27

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	75
Carex obnupta	slough sedge	GC	OBL	30

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES__ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Existing wetland flags- could not find Delineation report.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: MC-N **State:** OR **County:** Marion
Sample Plot ID: MC28

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Carex				

No data due to existing wetland flags

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO___
Histic epidedon present? YES__ NO_X_ **Mottled?** YES___ NO__ **Gleyed?** YES__ NO___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met?** YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:**
Is the soil saturated? YES__ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/15/96
Site ID: MC-O **State:** OR **County:** Marion
Sample Plot ID: MC29

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	Sh	FACW	80

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Clackamas gravelly loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation: Wetland drainage pattern, low topographic position.

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Unable to dig soil pit due to hard gravel layer. Part of old gravel mining area.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/15/96
Site ID: MC-O **State:** OR **County:** Marion
Sample Plot ID: MC30

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alnus rubra	red alder	T	FAC	5
Salix lasiandra	Pacific willow	T	FACW	5
Rubus discolor	Himilayan blackberry	Sh	FACU	20
Agrostis tenuis	colonial bentgrass	GC	FAC	60
Plantago lanceolata	English plantain	GC	FACU	20

Percent of dominant species that are OBL, FACW, and/or FAC: 33
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Clackamas gravelly loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Higher elevation.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/15/96
Site ID: MC-O **State:** OR **County:** Marion
Sample Plot ID: MC31

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	black cottonwood	T	FAC	15
Salix lasiandra	pacific willow	T	FACW	20
Cornus stolonifera	red-osier dogwood	Sh	FACW	5
Crataegus douglasii	douglas hawthorn	Sh	FAC	1
Spiraea douglasii	spiraea	Sh	FACW	15
Physocarpus capitatus	nine bark	Sh	FAC	5
Phalaris arundinacea	reed canary grass	GC	FACW	20
Potentilla sp.	cinquefoil	GC	FAC	T
Juncus pattens	spreading rush	GC	FACW	T

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Clackamas gravelly loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 2.5Y3/2 **Mottle Colors:** 10YR4/6 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES__ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation: Wetland drainage pattern, water marks, flood debris.

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/15/96
Site ID: MC-P **State:** OR **County:** Marion
Sample Plot ID: MC32

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	black cottonwood	T	FAC	30
Alnus rubra	red alder	T	FAC	30
Phalaris arundinacea	reed canary grass	GC	FACW	10
Polygonum sp.	knot weed	GC	FACW	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Courtney gravelly silty clay loam
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Gravel bar just above stream surface.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/15/96
Site ID: MC-Q **State:** OR **County:** Marion
Sample Plot ID: MC33

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Rubus discolor	Himilayan blackberry	Sh	FACU	80
Pinus contorta	lodgepole pine	T	FAC	75

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Clackamas gravelly loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors: Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Trees not native to area.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/15/96
Site ID: MC-Q **State:** OR **County:** Marion
Sample Plot ID: MC34

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	Black cottonwood	T	FAC	55
Alnus rubra	red alder	T	FAC	40
Salix lasiandra	Pacific willow	T	FACW	5
Bidens sp.	beggar-tick	GC	FACW	1
Phalaris arundinacea	reed canary grass	GC	FACW	3
Equisetum arvense	field horsetail	GC	FAC	1

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Clackamas gravelly loam
Is the soil on hydric soils list? Yes___ NO___ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES__ NO_X_** **Gleyed? YES_X_ NO__**
Matrix Color: 5GY4/1 **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES_X_ NO__ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/15/96
Site ID: MC-Q **State:** OR **County:** Marion
Sample Plot ID: MC35

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Agrostis tenuis	colonial bentgrass	GC	FAC	40
Poa pratensis	Kentucky blue grass	GC	FAC	30
Daucus carota	queen anne's lace	GC	FACU	1
Agroseris sp.	false dandelion	GC	---	1
Convolvulus	bindweed	GC	NL	1

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Filled area with gravel pad.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/15/96
Site ID: MC-Q **State:** OR **County:** Marion
Sample Plot ID: MC36

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	20
Populus trichocarpa	Black cottonwood	T	FAC	25
Cornus stolonifera	red-osier dogwood	Sh	FACW	15

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Clackamas gravelly loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** 10YR3/3 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation: Drainage ditch.

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/5/97
Site ID: MC-V **State:** OR **County:** Marion
Sample Plot ID: MC37

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
NO VEG				

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES_X_ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES_X_ NO__ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met?** YES_X_ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 12 inches
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Farmed wetland.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/5/97
Site ID: MC-X **State:** OR **County:** Marion
Sample Plot ID: MC38

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
NO VEG				

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Courtney gravelly silty clay loam
Is the soil on hydric soils list? YES___ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES_X_ NO__ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met?** YES_X_ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 10 inches
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Farmed wetland.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/17/97
Site ID: MC-Z **State:** OR **County:** Marion
Sample Plot ID: MC39

Normal environmental conditions at plant Community? YES___ NO_X_
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
NO VEG				

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO_X_ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES_X_ NO__ **Gleyed?** YES__ NO_X_
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met?** YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:**
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Water body but not wetland, man made. No wetlands.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/10/97
Site ID: MC-AA **State:** OR **County:** Marion
Sample Plot ID: MC40

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Poa pratensis	Kentucky bluegrass	GC	FAC	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/1 **Mottle Colors:** 10YR4/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/10/97
Site ID: MC-AA **State:** OR **County:** Marion
Sample Plot ID: MC41

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Poa pratensis	Kentucky bluegrass	GC	FAC	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Amity silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97

Wetland ID: PC-A
Data Sheets: PC1

Location: T7S, R3W, Section 27, West of 12th,
South of Mission, East portion of Bush Pasture Park

Classification: PEM

Hydrologic Basin: Pringle Creek

Wetland Area: 0.14

Soil: Clackamas gravelly loam

small polygon on east bank of creek

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*T*
Cornus stolonifera	*Sh*
Carex obnupta	*GC*

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is a riparian wetland in the floodplain of Pringle Creek. The reach through Pringle Creek is the most "natural" condition found along the creek in the city. Wildlife habitat value is overrated because of its small size and urban setting. The ecological potential to enhance this wetland is nil.

Too small, skip OFWAM.

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97

Wetland ID: PC-B
Data Sheets: PC3

Location: T7S, R3W, Section 34, Pringle Creek from Bush Park south to RR

Classification: R2

Hydrologic Basin: Pringle Creek

Wetland Area:

Soil: Clackamas gravelly loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Rubus discolor	*Sh*
Hedera helix	*Sh*

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: There are no riparian wetlands associated with this reach of Pringle Creek. The bank is lined with rip-rap and covered with Himalayan blackberry and English ivy. Enhancement potential is limited.

trees?

This is pringle creek channel

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97

Wetland ID: PC-C
Data Sheets: None

Location: T7S, R3W, Section 34, Howard St. south to east side of 12th St.

Classification: R2

Hydrologic Basin: Pringle Creek

Wetland Area:

Soil: Courtney gravelly silty clay loam, Clackamas gravelly loam

LWI mapped as R3

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: **N/A**

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Portions of this reach are in a cement channel. Portions of drainage in cement channel have no opportunity for enhancement. - leav out the concrete!

Clark creek

Where does it go below S. Salem High?

WETLAND SUMMARY SHEET

Date of Field Verification: 1/28/97

Wetland ID: PC-D
Data Sheets: PC4

Location: T7S, R3W, Section 35, Southeast to
Walling Sand & Gravel, and south along east side of RR

Classification: R2

Hydrologic Basin: Pringle Creek

Wetland Area:

Soil: Clackamas gravelly loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)
Populus trichocarpa	*T*
Spiraea douglasii	*Sh*
Rubus discolor	*Sh*
Phalaris arundinacea	*GC*

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: In this reach, Pringle Creek is in a constructed channel. The ditch along the RR is a diversion from the historic drainage in the area. There are some wetland plants such as black cottonwood and reed canary grass on the ditch banks. However, there are no riparian wetlands.

WETLAND SUMMARY SHEET

Date of Field Verification: 2/26/97

Wetland ID: PC-E
Data Sheets: None

Location: T7S, R3W, Section 35, Walling Sand & Gravel
North of McGilchrist St.

Classification: PUBx, Gravel Pit

Hydrologic Basin: Pringle Creek

Wetland Area: 11.52

Soil: Open water
Courtney

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: There may be opportunities to use the gravel pits for flood storage/detention.

(old version w/ ofwaw not deleted.)

excavated in trib to Pringle creek,
hydric soils → jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: 2/26/97

Wetland ID: PC-E
Data Sheets: None

Location: T7S, R3W, Section 35, Walling Sand & Gravel
North of McGilchrist St.

Classification: PUBx, Gravel Pit

Hydrologic Basin: Pringle Creek

Wetland Area: 11.52

Soil: Open water

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: There may be opportunities to use the gravel pits for flood storage/detention. No OFWAM assessment because site is an active gravel pit.

WETLAND SUMMARY SHEET

Date of Field Verification: 2/26/97, Offsite

Wetland ID: PC-F
Data Sheets: PC5

Location: T7S, R3W, Section 35, Gravel pit south along Madrona and fork to RR

Classification: R2 and gravel pit

Hydrologic Basin: Pringle Creek

Wetland Area: 43.69

Soil: Clackamas gravelly loam,
Courtney gravelly silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Salix lasiandra	*Sh*
Rubus discolor	*Sh*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: New development is on the north side of the gravel pit. There appears to be some recreational value in the lake.

excavated in hydric soil area → jurisdictional

WETLAND SUMMARY SHEET

Date of Field Verification: 2/26/97, Offsite

Wetland ID: PC-F
Data Sheets: PC5

Location: T7S, R3W, Section 35, Gravel pit south along Madrona and fork to RR

Classification: R2 and gravel pit

Hydrologic Basin: Pringle Creek

Wetland Area: 43.69

Soil: Clackamas gravelly loam,
Courtney gravelly silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Salix lasiandra	*Sh*
Rubus discolor	*Sh*

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: New development is on the north side of the gravel pit. There appears to be some recreational value in the lake.

WETLAND SUMMARY SHEET

Date of Field Verification: 2/20/97, 2/18/97

Wetland ID: PC-G
Data Sheets: PC7 ✓

Location: T8S, R3W, Section 2, South of RR, North of Madrona
East of Douglas Ave.

Classification: R2, PSS

Hydrologic Basin: Pringle Creek

Wetland Area: 4.85

Soil: McBee silty clay loam, Woodburn silt loam.
Wapato silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Populus trichocarpa	*T*
Fraxinus latifolia	*T*
Salix sp.	*Sh*
Cornus stolonifera	*Sh*
Rubus discolor	*Sh*
Carex obnupta	*GC*
Phalaris arundinacea	*GC*
Veronica americana	*GC*

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Potentially Sensitive
Education: Not appropriate
Aesthetic Quality: Moderately pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Not appropriate

Comments:

DSL Det 100

WETLAND SUMMARY SHEET

Date of Field Verification: 2/27/97, Offsite

Wetland ID: PC-H
Data Sheets: None

Location: T8S, R3W, Section 2,
Parallel to Airway Drive and RR

Classification: R2

Hydrologic Basin: Pringle Creek

Wetland Area:

Soil: Courtney gravelly silty clay loam,
Amity silt loam, Wapato silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

field check

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Channelized roadside ditch. mitigation site

WETLAND SUMMARY SHEET

Date of Field Verification: 2/27/97, Offsite

Wetland ID: PC-I
Data Sheets: None

Location: T8S, R3W, Section 12, Between RR and intersection of 27th Ave. & Kuebler Blvd.

Classification: R2, FW

Hydrologic Basin: Pringle Creek

Wetland Area: .62

Soil: Clackamas gravelly silty clay loam, Amity silt loam, Wapato silty clay loam, Silverton silt loam, Santiam silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is formerly a headwater drainage of Pringle Creek. Major portions have been re-located and channelized. Wetland functions and values have been impacted or disturbed. Wildlife and fisheries values are essentially non-existent.

primarily a N-S ditch.

WETLAND SUMMARY SHEET

Date of Field Verification: Determination on file at DSL Offsite

Wetland ID: PC-J
Data Sheets: None

Location: T8S, R3W, Section 1, South of runways 34 and 3,

Classification: PFO, PSS, OW

Hydrologic Basin: Pringle Creek

Wetland Area: 7.16

Soil: Courtney gravelly silty clay loam,
Courtney gravelly loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: These are a series of isolated wetlands at the southern side of the airport. Determination report on file at Division of State Lands. Proximity to airport restricts enhancement potential.

??

WETLAND SUMMARY SHEET

Date of Field Verification: 2/18/97

Wetland ID: PC-K
Data Sheets: PC10, 11

Location: T8S, R3W, Section 2, Madrona south to Pringle Rd. through new school site

Classification: PEM, R3

Hydrologic Basin: Pringle Creek

Wetland Area: 1.68

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)
Populus trichocarpa	*T*
Salix lasiandra	*Sh*
Carex obnupta	*GC*
Typha latifolia	*GC*
Juncus effusus	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Lost
Enhancement Potential: Moderate
Recreation: Has uses

Comments: There are opportunities for riparian enhancement. Det.#96-0205.

FP-11078

WETLAND SUMMARY SHEET

Date of Field Verification: 2/18/97

Wetland ID: PC-L
Data Sheets:
Det# 91-0020

Location: T8S, R3W, Section 10, Between Pringle Rd. & Commercial

Classification: PEM, R2

Hydrologic Basin: Pringle Creek

Wetland Area: .23

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Juncus effusus	*GC*

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is a headwater drainage with no riparian wetlands. There is a PEM seep on south side of Copper Glen. Det.#97-0311 & 94-0227. and 91-0020

polygon of wetland too small to evaluate

WETLAND SUMMARY SHEET

Date of Field Verification:

Wetland ID: PC-M
Data Sheets: None

Location: T8S, R3W, Section 10, Between Commercial & Jones Rd. through Woodmansee Park

Classification: R2, PFO

Hydrologic Basin: Pringle Creek

Wetland Area: .58

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Moderately pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Has uses

Comments: Headwater drainage of Pringle Creek. The creek channel is less than 6 feet wide and 1.5 feet deep. There is good access from the park and potential educational uses as a school is adjacent.

Judson Middle school

WETLAND SUMMARY SHEET

Date of Field Verification: 3/7/97, Offsite

Wetland ID: PC-N
Data Sheets: None

Location: T8S, R3W, Section 9, Skyline Rd. southeast to Jones Rd.

Classification: R2

Hydrologic Basin: Pringle Creek

Wetland Area: linear

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Phalaris arundinacea	*GC*
Hedera helix	*V*

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is a channelized reach, about a third of which is piped below ground. English ivy and reed canary grass grow on the bank. There are no riparian wetlands in this drainage that serves primarily as a storm water ditch through residential neighborhoods.

New created wetland at Cannery Park

WETLAND SUMMARY SHEET

Date of Field Verification:

Wetland ID: PC-O
Data Sheets: None

Location: T8S, R3W, Section 3, Between Liberty and Commercial, South of Madrona Ave.

Classification: PUB, Ponds

Hydrologic Basin: Pringle Creek

Wetland Area: 5.96

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: There may be recreational opportunities for adjacent residents. However, public access is restricted.

"Berger Lake"
jurisdictional because it
was excavated in a drainageway

WETLAND SUMMARY SHEET

Date of Field Verification:

Wetland ID: PC-O
Data Sheets: None

Location: T8S, R3W, Section 3, Between Liberty and Commercial, South of Madrona Ave.

Classification: PUB, Ponds

Hydrologic Basin: Pringle Creek

Wetland Area: 5.96

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

No, keep of WAM

Comments: There may be recreational opportunities for adjacent residents. However, public access is restricted.

jurisdictional ponds

WETLAND SUMMARY SHEET

Date of Field Verification: 2/18/97

Wetland ID: PC-P
Data Sheets: PC12, 13

Location: T8S, R3W, Section 11,
north along east side of Reed Rd.

Classification: PEM

Hydrologic Basin: Pringle Creek

Wetland Area: 0.79

Soil: McAlpin silty clay loam,
Silverton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Salix lasiandra	*Sh*
Agrostis tenuis	*GC*
Juncus effusus	*GC*
Veronica americanam	*GC*
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted
Hydrologic Control: Lost
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: This reach begins as seeps in a hill-slope swale. Response to hydrologic control reduces enhancement potential rating.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 2/18/97

Wetland ID: PC-Q
Data Sheets: None

Location: T8S, R3W, Section 2, east and west side Pringle Rd., south of Madrona

Classification: R2

Hydrologic Basin: Pringle Creek

Wetland Area:

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: **N/A**

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is a narrow (2-6 ft.) intermittent headwater drainage.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 2/18/97

Wetland ID: PC-R
Data Sheets: PC16, 17

offsite

Location: T8S, R3W, Section 14, Reed Rd., south of Keubler

Classification: R2

Hydrologic Basin: Pringle Creek

Wetland Area:

Soil: McAlpin silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Most of this reach is channelized for storm water runoff. Portions appear to be piped, underground. The NWI maps a PSS wetland. It is not evident on the 1991 air photo and could not be field verified. Det.#97-0449.

→ the PSS is non-wetland

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PC-S
Data Sheets: None

Location: T8S, R3W, Section 14, east of Commercial between Barnes and Baxter

Classification: PEM

Hydrologic Basin: Pringle Creek

Wetland Area: .39

Soil: Nekia silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is an isolated swale that needs to be examined more closely to make a positive wetland determination.

Oregon
John A. Kitzhaber, M.D., Governor

Division of State Lands
775 Summer Street NE
Salem, OR 97301-1279
(503) 378-3805
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State Land Board
John A. Kitzhaber
Governor
Bill Bradbury
Secretary of State
Jim Hill
State Treasurer

July 3, 2000

Jeanne Fromm
City of Salem, Planning Division
555 Liberty St. SE, Room 305
Salem OR 97301-3503

RE: **Wetland Delineation Report for Battle Creek Heights Subdivision, Salem, Marion County; T8S R3W Sec.13, taxlots 102, 200, & 300 Det. #00-0191**

Dear Jeanne:

You inquired whether you should remove wetland PC-T from the city's Local Wetland Inventory map on three taxlots. The report referenced above did not evaluate the west end of lot 300 as it is shown on the map you enclosed. I did not look at lot 300 on May 25 when I checked the rest of the report. It appears, comparing your map and Jay Lorenz's map, that taxlot 300 has been partitioned and the west end split off. I have enclosed a copy of the map prepared by Jay Lorenz, in which he mapped out the worst case scenario, the saturated zone along the seasonal channel. I concurred that this seasonal channel is not subject to state removal-fill law jurisdiction.

I also can't help but notice that the LWI layer seems to be offset about 100 feet to the north from the actual drainage channel as surveyed for the above report. We'll both need to bear that potential error factor in mind as we use the LWI. If the offset is something that can be corrected by your GIS wizards, please let me know.

There is a possibility that there could be a small wetland associated with this swale on either side of Battle creek road, where the topography is flatter than it is on the subject parcel. My suggestion would be to amend the LWI only to remove the portion of PC-T evaluated in Jay's report, and leave the rest as is until there is a need to verify it. DSL can make these quick presence-absence determinations at the request of any landowner, at no cost.

Thanks for checking!

Sincerely,

Dana Field
Wetlands Planner

cc: Bill Lulay, North Santiam Paving
Jay Lorenz
Steve Closer

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, Determination on file

Wetland ID: PC-T
Data Sheets: None

Location: T8S, R3W, Section 2, Fairview Industrial area

Classification: PEM, PUB, MITIGATION

Hydrologic Basin: Pringle Creek

Wetland Area: 28.16

Soil: Wapato silty clay loam, Bashaw clay, Dayton silt loam, Amity silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderately pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: This area is proposed for development and has wetland mitigation planned.

Det 97-0197 is small site

Det 00-0191 –
intermittent channel, no wetland, no jurisdiction

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PC-U
Data Sheets: None

Location: T8S, R3W, Section 12, north side Keubler Rd., East of I-5

Classification: PEM

Hydrologic Basin: Pringle Creek

Wetland Area: .46

Soil: Silverton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Salix sp.	*Sh*
Juncus effusus	*GC*
Ranunculus repens	*GC*
Phalaris arundinacea	*GC*

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Roadside swale.

WETLAND SUMMARY SHEET

Date of Field Verification: 2/18/97

Wetland ID: PC-V
Data Sheets: PC14, 15

Location: T8S, R3W, Section 11, East of Reed Rd. and South of Strerg Rd.
Strong

Classification: PEM

Hydrologic Basin: Pringle Creek

Wetland Area: 0.79

Soil: Silverton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Alopecurus pratensis	*GC*
Agrostis tenuis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Sensitivity to impacts over-rated.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PC-W
Data Sheets: None

Location: T8S, R3W, Section 13, Boone Road

Classification: PEM, drainage ditch

Hydrologic Basin: Pringle Creek

Wetland Area: 0.12

Soil:

Dominant Vegetation:

Species	**Stratum** (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: too small for evaluation

WETLAND SUMMARY SHEET

Date of Field Verification: 03/05/97

Wetland ID: PC-X
Data Sheets:

Location: T8S, R2W, Section 18, West of Eastland Rd, North & South of Kashmir Way

Classification: PEM, PFO

Hydrologic Basin: Pringle Creek

Wetland Area: 10.99

Soil: Wapato

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Juncus effusus	*GC*
Fraxinus latifolia	*T*

check OFWAM
- if forested as comment suggests, should score higher

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderately pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: High
Recreation: Not appropriate

Comments: Enhancement potential is over-rated. It is difficult to enhance forested wetlands.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PC-Y
Data Sheets: None

Location: T8S, R2W, Section 12 NE of Kuebler - I-5 Interchange

Classification: PUB

Hydrologic Basin: Pringle Creek

Wetland Area: 1.52

Soil: Clackamas gravelly loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Impacted or degraded
Enhancement Potential: High
Recreation: Not appropriate

Comments: Enhancement potential is over-rated because the depth of the pond makes it difficult to create wetlands.

on NWI. Needs field verification.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PC-Z
Data Sheets: None

Location: T8S, R3W, Section 13, West side of 34th Ave. SE

Classification: R4

Hydrologic Basin: Pringle Creek

Wetland Area: linear

Soil:

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Mitigation area.(?)

small stream through subdivision?

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 9/30/97

Wetland ID: PC-AA
Data Sheets: None

Location: T8S, R2W, Section 18, S. of Langley Street

Classification: PUB

Hydrologic Basin: Pringle Creek

Wetland Area: 0.36

Soil:

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Two ponds.

too small to evaluate

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PC-BB
Data Sheets:

Location: T8S, R2W, Section 19

Classification: PEM

Hydrologic Basin: Pringle Creek

Wetland Area: 0.61

Soil: Nekia silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Mapping based on National Wetland Inventory with no field verification. This wetland could not be identified on the air photo as there was no distinct spectral signature in the location shown on the National Wetland Inventory. The potential wetland is presumed to be in a hillside drainage. There was not enough information to provide a functions/value summary.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PC-CC
Data Sheets:

Location: T8S, R2W, Section 18

Classification: R3

Hydrologic Basin: Pringle Creek

Wetland Area: linear

Soil: McAlpin silty clay loam, Wapato silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: These are a series of drainage ditches on the periphery of fields and roads. They appear to function as drainages for the bottomland fields and wetlands. Ditches may have drained portions of wetlands, PC-X. Portions are lined with willows and blackberries.

WETLAND SUMMARY SHEET

Date of Field Verification: 1/22/97

Wetland ID: PC-DD
Data Sheets:

Location: T8S, R2W, Section 18

Classification: PEM

Hydrologic Basin: Pringle Creek

Wetland Area: 3.32

Soil: Wapato silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Typha latifolia	*GC*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted or degrade
Sensitivity to Impact: Potentially Sensitive
Education: Not Appropriate
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: OFWAM under-rates enhancement potential. There is heavy winter grazing by geese. Has potential for education uses as site near school.

Def 92-0085

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: PC-A **State:** OR **County:** Marion
Sample Plot ID: PC1

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	oregon ash	T	FACW	30
Cornus stolonifera	red-osier dogwood	Sh	FACW	60
Carex obnupta	slough sedge	GC	OBL	10

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Clackamas gravelly loam
Is the soil on hydric soils list? YES___ NO_X_ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES__ NO_X_** **Gleyed? YES__ NO_X_**
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators: H2SO4 odor

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 8 inches
Is the soil saturated? YES_X_ NO__ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ **NO___**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ **NO___**

COMMENTS: Low chroma soil.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: PC-A **State:** OR **County:** Marion
Sample Plot ID: PC2

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	60
Sambucus cerulea	blue elderberry	Sh	FAC-	20
Hedera helix	English ivy	V	NL	80
Rubus discolor	Himalayan blackberry	Sh	FACW	25
Polystichum munitum	sword fern	GC	FACW	T

Percent of dominant species that are OBL, FACW, and/or FAC: 25
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Clackamas gravelly loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 7.5YR 2.5/2 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 1/28/97
Site ID: PC-B **State:** OR **County:** Marion
Sample Plot ID: PC3

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	Black cottonwood	T	FAC	40
Fraxinus latifolia	Oregon ash	T	FACW	15
Quercus garryana	Oregon white oak	T	NL	15

Percent of dominant species that are OBL, FACW, and/or FAC: 66
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Clackamas gravelly loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/3 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/26/97
Site ID: PC-D **State:** OR **County:** Marion
Sample Plot ID: PC4

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	Black cottonwood	T	FAC	30
Spiraea douglasii	Douglas hawthorn	Sh	FACW	10
Rubus discolor	Himalayan blackberry	Sh	FACW	30
Phalaris arundinacea	reed canary grass	GC	FACW	15

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Clackamas gravelly silty clay loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO_X_
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Stream bank, no data.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/26/97
Site ID: PC-F **State:** OR **County:** Marion
Sample Plot ID: PC5

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	T	FACW	40
Rubus discolor	Himalayan blackberry	Sh	FACW	50

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Clackamas gravelly loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO_X_
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Offsite, no soil data.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/27/97
Site ID: PC-G **State:** OR **County:** Marion
Sample Plot ID: PC6

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Pseudotsuga menziesii	Douglas fir	T	FACW	40
Rubus ursinus	trailing blackberry	V	FACW	20
Polystichum munitum	sword fern	GC	FACW	20

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/2 **Mottle Colors: Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/27/97
Site ID: PC-G **State:** OR **County:** Marion
Sample Plot ID: PC7

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	15
Cornus stolonifera	red-osier dogwood	Sh	FACW	35
Carex obnupta	slough sedge	GC	OBL	30
Phalaris arundinacea	reed canary grass	GC	FACW	30

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Wapato/McBee
Is the soil on hydric soils list? YES_X_ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR4/3 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole: surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/27/97
Site ID: PC-G **State:** OR **County:** Marion
Sample Plot ID: PC8

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	Black cottonwood	T	FAC	40
Rubus discolor	Himalayan blackberry	Sh	FACW	80

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X__ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/27/97
Site ID: PC-G **State:** OR **County:** Marion
Sample Plot ID: PC9

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	Black cottonwood	T	FAC	70
Rubus discolor	Himalayan blackberry	Sh	FACU	60

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors: Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/18/97
Site ID: PC-K **State:** OR **County:** Marion
Sample Plot ID: PC10

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	T	FACW	10
Populus trichocarpa	Black cottonwood	T	FAC	10
Carex obnupta	slough sedge	GC	OBL	30
Phalaris arundinacea	reed canary grass	GC	FACW	50
Typha latifolia	Cattail	GC	OBL	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO__Depth to free-standing water in soil probe hole: 8" to surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Recent ditching & development

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/18/97
Site ID: PC-K **State:** OR **County:** Marion
Sample Plot ID: PC11

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Cytisus scoparius	Scot's broom	Sh	NL	25
Rubus discolor	Himalayan blackberry	Sh	FACW	45

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR4/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Area filled but drain tiled prior to fill.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/18/97
Site ID: PC-P **State:** OR **County:** Marion
Sample Plot ID: PC12

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Agrostis stolonifera	creeping bentgrass	GC	FACW	80
Juncus effusus	soft rush	GC	FACW	15
Veronica americana	speedwell	GC	OBL	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Silverton silt loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO___ Depth to free-standing water in soil probe hole: surface
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/18/97
Site ID: PC-P **State:** OR **County:** Marion
Sample Plot ID: PC13

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Agrostis tenuis	colonial bentgrass	GC	FAC	45
Dactylis glomerata	orchard grass	GC	FACU	15
Daucus carota	queen anne's lace	GC	FACU	10
Cirsium arvense	Canadian thistle	GC	FACU	5
Holcus lanatus	velvet grass	GC	FAC	5
Rubus discolor	Himalayan blackberry	Sh	FACU	15

Percent of dominant species that are OBL, FACW, and/or FAC: 33
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Silverton silt loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 7.5YR4/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/18/97
Site ID: PC-V **State:** OR **County:** Marion
Sample Plot ID: PC14

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	35
Salix lasiandra	pacific willow	Sh	FACW	5
Agrostis tenuis	colonial bentgrass	GC	FAC	40
Juncus effusus	soft rush	GC	FACW	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Silverton silt loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR4/3 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO__ Depth to free-standing water in soil probe hole: surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/18/97
Site ID: PC-V **State:** OR **County:** Marion
Sample Plot ID: PC15

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Agrostis tenuis	colonial bentgrass	GC	FAC	30
Dactylis glomerata	orchard grass	GC	FACU	15
Festuca arundinacea	tall fescue	GC	FAC-	20
Daucus carota	queen anne's lace	GC	FACU	5

Percent of dominant species that are OBL, FACW, and/or FAC: 33
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Silverton silt loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 7.5YR4/3 **Mottle Colors: Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/18/97
Site ID: PC-R **State:** OR **County:** Marion
Sample Plot ID: PC16

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	
Lysichitum americanum	skunk cabbage	GC	OBL	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: McAlpin silty clay loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators: No data.

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Observed standing water. Offsite, no data.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 2/18/97
Site ID: PC-R **State:** OR **County:** Marion
Sample Plot ID: PC17

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Ranunculus repens	creeping buttercup	GC	FACW	
Salix sp.	willow	Sh	FACW	
Juncus effusus	soft rush	GC	FACW	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Clackamas silt loam
Is the soil on hydric soils list? Yes___ NO_X_ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Observed ponding. Offsite, no data for soil section.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PJ-A
Data Sheets: None

Location: T8S, R3W, Section 6, north of River Road, on Illahe Hills Golf & Country Club

Classification: PUB

Hydrologic Basin: Petijohn

Wetland Area: .46

Soil: Chahalis silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Landscaped pond on golf course	

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Landscaped pond on golf course.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PJ-B
Data Sheets: None

Location: T8S, R3W, Section 5

Classification: R3, PFO, PAB

Hydrologic Basin: Petijohn

Wetland Area: .22

Soil: Nekia very stony silty clay loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This appears to be an intermittent drainage originating in the South Salem hills.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PJ-C
Data Sheets: None

Location: T8S, R3W, Section 6, north of River Road

Classification: R4

Hydrologic Basin: Petijohn

Wetland Area:

Soil: Steiwer silty loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This appears to be an intermittent drainage < 0.5 acres.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/2/97 Offsite from road

Wetland ID: PU-A
Data Sheets: PU1,PU2

Location: T6S R2W, Section 32, North of Hazelgreen Rd.
East and west side of Labish Lake Rd.

Classification: PEM, PFO, pond

Hydrologic Basin: Pudding

Wetland Area: 2.28

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Phalaris arundinacea	*GC*
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not applicable
Aesthetic Quality: Moderate

Fish Habitat: Impacted
Hydrologic Control: Impacted or degraded
Enhancement Potential: High
Recreation: Not applicable

Comments: Enhancement potential is especially high on east side of Labish Lake Road, continuing east through agricultural land beyond urban growth boundary. This long linear reach through agricultural land has potential for mitigation.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/2/97

Wetland ID: PU-B
Data Sheets: PU3-PU6

Location: T6S R2W Section 32, North of Hazelgreen Rd.
West side of Labish Lake Rd.

Classification: PFO, R3

Hydrologic Basin: Pudding

Wetland Area: 1.06

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Phalaris arundinacea	*GC*
Alopecurus pratensis	*GC*
Carex obnupta	*GC*
Juncus patens	*GC*
Fraxinus latifolia	*T*
Ranunculus repens	*GC*

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Impacted
Hydrologic Control: Impacted or degraded
Enhancement Potential: N/A
Recreation: Not appropriate

Comments: Forested portions are in excellent ecological condition. Fill has been placed to fringe of emergent portions, perhaps impacting wetland.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/2/97, Offsite

Wetland ID: PU-C
Data Sheets: PU7

Location: T6S R2W Section 32, South of Hazelgreen Rd. and Labish Rd.

Classification: PEM, FW

Hydrologic Basin: Pudding

Wetland Area: 2.91

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Phalaris arundinacea	*GC*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: High
Recreation: Not appropriate

Comments: This is a swale passing between orchards and cultivated fields. There are good opportunities for enhancement mitigation. Grading to remove reed canary grass rhizomes would likely enhance wetland hydrology. PU-C is headwater of drainage.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/10/97, Offsite

Wetland ID: PU-D
Data Sheets: None

Location: T6S R2W Section 5, North side of Kale Rd. about .6 miles west of Cordon Rd.

Classification: Probable PEM, FW

Hydrologic Basin: Pudding

Wetland Area: .97

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Area includes an excavated ditch and swale that extends north into cultivated fields. OFWAM overrated wildlife habitat value. Enhancement potential is underrated. Enhancement potential in farmed wetland is high.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/10/97, Offsite

Wetland ID: PU-E
Data Sheets: PU7a

Location: T7S R2W Section 5, South side of Kale Rd.
East of Bonanza and Manning Drive intersection

Classification: Probable PFO

Hydrologic Basin: Pudding

Wetland Area: 1.03

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments:

fed by ditch

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PU-F
Data Sheets: None

Location: T7S R2W Section 5 & 6, Jan Ree north subdivision

Classification: Drainage ditch

Hydrologic Basin: Pudding

Wetland Area: linear

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This portion of drainage was formerly a ditch through an agricultural field. New subdivision is near completion. Portions of ditch are open and portions are now below ground (piped). Open portions of ditch have no easement or buffer which will limit maintenance activity. After development is completed, check the affected tax lots again.

jurisdictional - channelized remnants of WL swale

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 4/10/97

Wetland ID: PU-G
Data Sheets: None

Location: T7S R2W Section 5, west of Cordon Rd., south side of Kale Rd., north of Hayesville

Classification: Probable FW

Hydrologic Basin: Pudding

Wetland Area: .45

Soil: Woodburn silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alopecurus pratensis	*GC*

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Probable farmed wetland is based on viewing ponding and *Alopecurus pratensis*. Onsite verification is required to verify presence of wetland.

mapped across a platted Rd

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 4/10/97

Wetland ID: PU-H
Data Sheets: PU9

Location: T7S R2W Section 5, Little Pudding River,
west side of Cordon Rd., south of Hayesville Rd.

Classification: Probable PFO

Hydrologic Basin: Pudding

Wetland Area: 3.23

Soil: Bashaw clay

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Populus trichocarpa	*T*
Fraxinus latifolia	*T*
Rosa sp.	*Sh*
Rubus discolor	*Sh*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Modertely pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: This is an upper reach of the Little Pudding River. Ecological conditions is good.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/10/97, Offsite

Wetland ID: PU-I
Data Sheets: PU10,

PU11

Location: T6S R2W, Section 5, Little Pudding River, west side of Cordon Rd., north of Herin

Classification: PEM, PFO

Hydrologic Basin: Pudding

Wetland Area: 5.04

Soil: Bashaw clay

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*T*
Phalaris arundinacea	*GC*
Juncus patens	*GC*
Carex obnupta	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: This is an upper reach of the Little Pudding River. Portions of this reach appear to be excavated. For the most part the riparian wetlands are in good condition.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/10/97, Offsite

Wetland ID: PU-J
Data Sheets: PU12, PU15

Location: T7S R2W, Section 8, west side of Cordon Rd., between Herrin Rd. and Silverton Rd.

Classification: Probable PEM, PFO

Hydrologic Basin: Pudding

Wetland Area: 4.74

Soil: Bashaw clay

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*
Phalaris arundinacea	*GC*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: This is an upper reach of the Little Pudding River. Most of this reach is an excavated ditch along Cordon Rd., no longer retaining natural features of the historic drainage. Portions of this complex have high enhancement potential and other portions have moderate to low enhancement potential.

WETLAND SUMMARY SHEET

Date of Field Verification: Delineation May 97

Wetland ID: PU-K
Data Sheets: None

Location: T7S R2W, Section 17, west side of Cordon Rd., north of Mooreland Rd.

Classification: PEM

Hydrologic Basin: Pudding

Wetland Area: .12

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alopecurus pratensis	*GC*
Holcus lanatus	*GC*

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This wetland is proposed for development. Development will likely restrict access to ditch. It is low value due to its small size.

CF 713

WETLAND SUMMARY SHEET

Date of Field Verification: 4/10/97

Wetland ID: PU-L
Data Sheets: None

Location: T7S, R2W, Section 17, west of Cordon Rd.,
East and south of Walker

Classification: Probable FW, R3

Hydrologic Basin: Pudding

Wetland Area: 0.8 acres

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum (T=tree, Sh=shrub, GC=Ground cover)**

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Not present
Hydrologic Control: Impacted or degraded
Enhancement Potential: Little
Recreation: Not appropriate

Comments: Wetland determination based on observation of ponding in an area mapped as hydric soil. Enhancement potential (restoration of natural vegetation) is high, which is opposite of method's result. Area includes historic swale, now excavated ditch to south.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite, 4/10/97

Wetland ID: PU-L
Data Sheets: None

Location: T7S R2W, Section 17, west of Cordon Rd., east and south of Walker

Classification: Probable FW

Hydrologic Basin: Pudding

Wetland Area: 0.8

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Wetland determination based on observation of ponding in an area mapped as hydric soil. Enhancement potential (restoration of natural vegetation) is high, which is opposite of method's result.

keep old ofwater

WETLAND SUMMARY SHEET

Date of Field Verification: 3/26/97, Offsite

Wetland ID: PU-M
Data Sheets: PU16-PU19

Location: T7S R2W, Section 18, south of Sunnyview, east of 45 th, north of Swegle

Classification: PEM, PFO

Hydrologic Basin: Pudding

Wetland Area: 2.29

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*T*
Alopecurus pratensis	*GC*
Phalaris arundinacea	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Lost or not present
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: PEM portion is mowed annually after substrate dries. Portions of drainage have been excavated.

Delius: 93-218
92-269
97.0255
99-0100

also FP 8558

WETLAND SUMMARY SHEET

Date of Field Verification: 3/26/97, Offsite

Wetland ID: PU-N
Data Sheets: PU20

Location: T7S R2W, Section 20, west of Cordon Rd., east of Walker, south of Sunnyview, north of Swegle

Classification: Probable PEM

Hydrologic Basin: Pudding

Wetland Area: 3.79

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)
Phalaris arundinacea	*GC*
Juncus effusus	*GC*
Agrostis tenuis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Little
Recreation: Not appropriate

Comments: Aesthetic quality is overrated.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/1/97, Offsite

Wetland ID: PU-O
Data Sheets: PU21, PU22, PU23

Location: T7S R2W, Section 19, north of Weathers St., east of Terraza, west of 45 th

Classification: Probable PEM, PFO, Pond

Hydrologic Basin: Pudding

Wetland Area: .92

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*
Phalaris arundinacea	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Has potential
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Has potential

Comments: Appears to be a mitigation site.

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97-0124

WETLAND SUMMARY SHEET

Date of Field Verification: 4/1/97, Offsite

Wetland ID: PU-P
Data Sheets: PU24, PU25, PU26

Location: T7S R2W, Section 19, south of Weathers St., east of Terra Dr.

Classification: Probable PEM, PFO

Hydrologic Basin: Pudding

Wetland Area: 1.02

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*T*
Phalaris arundinacea	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Little
Recreation: Not appropriate

Comments: Appears to be a mitigation site.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/26/97, Offsite

Wetland ID: PU-Q
Data Sheets: PU27

Location: T7S R2W, Section 20, west side of Cordon Rd., North of Center St., south of Swegle Rd.

Classification: Probable PEM

Hydrologic Basin: Pudding

Wetland Area: .46

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alopecurus pratensis	*GC*

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

OK

Comments: This is an isolated wetland of about .5 acres or less. It is a wet meadow in a field with no woody vegetation buffer. Functions and values are low due to its small size and monotypic cover.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/26/97

Wetland ID: PU-R
Data Sheets: PU30, PU31, PU29

Location: T7S R2W, Section 20, northwest corner of intersection of Cordon Rd. & Center St.

Classification: PFO

Hydrologic Basin: Pudding

Wetland Area: .45

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*Sh*
Alopecurus pratensis	*GC*
Phalaris arundinacea	*GC*
Carex obnupta	*GC*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Little
Recreation: Not appropriate

Comments: Although connected by a culvert to wetlands to the south, this wetland is basically isolated. Habitat value is relatively low as it is small, surrounded by a busy intersection and a new subdivision.

Det 92-0160

WETLAND SUMMARY SHEET

Date of Field Verification: 3/26/97

Wetland ID: PU-S
Data Sheets: PU32a & PU32b, PU33

Location: T7S R2W, Section 29, southwest corner of intersection of Cordon Rd. & Center St.

Classification: PEM, PFO

Hydrologic Basin: Pudding

Wetland Area: 4.71

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*
Alopecurus pratensis	*GC*
Holcus lanatus	*GC*
Mentha sp.	*GC*

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: N/A
Recreation: Not appropriate

Comments: Enhancement potential is overrated. Hydrologic control is underrated.

94-0073

92-0176

WETLAND SUMMARY SHEET

Date of Field Verification: 3/26/97, Offsite

Wetland ID: PU-T
Data Sheets: PU34, PU35

Location: T7S R2W, Section 29, west side of Cordon Rd., south of Auburn

Classification: Probable PFO, PUB, & FW

Hydrologic Basin: Pudding

Wetland Area: 2.69

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Populus trichocarpa	*T*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Farmed wetland determination is based on observation of ponding. Inundation also observed on edge of PFO. FW area has high potential for enhancement. Forested area has low potential for enhancement. Farmed wetland is not pleasing and forested wetland is moderately pleasing.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/26/97

Wetland ID: PU-U
Data Sheets: PU37 & 38

Location: T7S R2W, Section 29, south side of Center St. east of 45 th

Classification: PSS, PEM

Hydrologic Basin: Pudding

Wetland Area: .22

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Crataegus douglasii	*Sh*
Alopecurus pratensis	*GC*
Agrostis tenuis	*GC*

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is a relatively small, isolated wetland.

too small to evaluate

WETLAND SUMMARY SHEET

Date of Field Verification: 4/2/97

Wetland ID: PU-V
Data Sheets: PU40, PU41, PU42

Location: T7S R2W, Section 30, south of Auburn & Corbett Ct.

Classification: PEM

Hydrologic Basin: Pudding

Wetland Area: .76

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)
Alopecurus pratensis	*GC*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has potential
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: This is a series of small, isolated wetlands.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/2/97, Offsite

Wetland ID: PU-W
Data Sheets: PU44

Location: T7S R2W, Section 31, fields south of Houck Middle School, north of Rt. 22, east of Lancaster

Classification: PEM, MITIGATION

Hydrologic Basin: Pudding

Wetland Area: 6.94

Soil: Concord silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Alopecurus pratensis	*GC*
Eleocharis palustris	*GC*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has potential
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: These wetlands are a series of isolated remnants. They are shallow low spots that hold storm water. Proximity to school provides potential for educational use. Wildlife habitat value is limited. Although relatively small, enhancement potential of the larger wetland polygons is high. Det.#93-0264. Mitigation sites.

Includes mitigation sites both sides of Hwy 22

WETLAND SUMMARY SHEET

Date of Field Verification: 4/2/97
offsite

Wetland ID: PU-X
Data Sheets: PU45

Location: T7S R2W, Section 31, north of Wagon Wheel, west of Wagon Rd., east of Saddle Horn Ct.

Classification: PFO

Hydrologic Basin: Pudding

Wetland Area: 1.59

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*

Function/Value Summary:

Wildlife Habitat: Some habitat
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: This is a forested area completely surrounded by residential development. Enhancement potential is likely overrated. Aesthetic quality is underrated.

ponded 4·11·97

WETLAND SUMMARY SHEET

Date of Field Verification: 4/2/97

Wetland ID: PU-Y
Data Sheets: PU46, PU47, PU49, PU50

Location: T7S R2W, Section 32, west of Cordon Rd., northeast of MacLeay Rd., south of Caplinger Rd.

Classification: PFO, PSS, PEM

Hydrologic Basin: Pudding

Wetland Area: 10.69

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)
Fraxinus latifolia	*T*
Salix sp.	*Sh*
Phalaris arundinacea	*GC*
Alopecurus pratensis	*GC*
Carex obnupta	*GC*

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Pleasing

Fish Habitat: Intact
Hydrologic Control: Impacted or degraded
Enhancement Potential: N/A
Recreation: Not appropriate

Comments: Deer were observed on property, reinforcing wildlife habitat value. Hydrologic control is likely underrated. This portion of the drainage is largely intact and in good ecological condition. There is potential to enhance vegetation in the emergent communities on the site.

Det 95-0368 covers part of PU-Y.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/2/97

Wetland ID: PU-Z
Data Sheets: None

Location: T7S R2W, Section 32, west of Cordon Rd., south of MacLeay Rd.

Classification: PFO, PEM

Hydrologic Basin: Pudding

Wetland Area: 4.59

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderately pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: PU-Z is part of PU-Y complex, separated only by MacLeay Rd. As with PU-Y, drainage is essentially intact. In conjunction with PU-Y, wildlife habitat is diverse. This is southerly headwater of the Pudding watershed. Hydrologic control is likely underrated. Aesthetics is underrated.

Dot 95-0217

WETLAND SUMMARY SHEET

map 18

Date of Field Verification: 4/2/97, Offsite

Wetland ID: PU-AA
Data Sheets:

Location: T7S R2W, Section 32, T8S R2W, Section 5, north of Rt. 22, west of Keubler (cordon), southeast of Clydesdale

Classification: PEM

Hydrologic Basin: Pudding

Wetland Area: 2.32

Soil: Dayton silt loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Little
Recreation: Not appropriate

Comments: There are two isolated polygons, remnants of southerly headwater of Pudding drainage. Wetland delineation flags were observed for polygon east of Clydesdale. However, no delineation reports were found at DSL. A record, but no report, was found at Division of State Lands for southern polygon.

95-0388 for E. polygon
WC flags in very NW corner - not as shown.

WETLAND SUMMARY SHEET

Date of Field Verification: 4/2/97, Offsite

Wetland ID: PU-BB
Data Sheets:

Location: T7S R2W, Section 5, north of Rt. 22, east of Keubler, south of Gaffin

Classification: Probable PEM, PSS

Hydrologic Basin: Pudding

Wetland Area: 2.24

Soil: Dayton silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: This is an extension of PU-Z, separated by Keubler (Cordon) Rd.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PU-CC
Data Sheets: None

Location: T7S R2W, Section 9

Classification: Probable PEM & PUB

Hydrologic Basin: Pudding

Wetland Area: .55

Soil: Nekia silt loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

needs OFWAM

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: This is an excavated pond and emergent area within a hillside drainage. Mapping is based on National Wetland inventory an photo interpretation. No offsite viewing to confirm presence of wetlands on this portion of prison property. Insufficient data to perform OFWAM assessment.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PU-DD
Data Sheets: None

Location: T8S, R2W Sec 19

Classification: R4

Hydrologic Basin: Little Pudding River

Wetland Area: NA linear

Soil: Dayton SiL

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: Not Appropriate

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments:

JF 7.13

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: PU-EE
Data Sheets: None

Location: T8S, R2W Sec 4

Classification: R4

Hydrologic Basin: Little Pudding River

Wetland Area: NA

Soil: Waldo

linear feature

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: Not Appropriate

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-A **State:** OR **County:** Marion
Sample Plot ID: PU1

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	>80

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES___ **NO**___ **Mottled? YES**___ **NO**__ **Gleyed? YES**___ **NO**__
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES** _X_ **NO**___
Other hydric soil indicators: Based on soil survey. No data recorded.

HYDROLOGY

Is ground surface inundated? YES___ **NO**___ **Surface Water depth:**
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ **NO**___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable based on hydrophytic vegetation, soil survey, and topography. Offsite, viewed from road.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-A **State:** OR **County:** Marion
Sample Plot ID: PU2

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	40
Alopecurus pratensis	meadow foxtail	GC	FACW	40

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ NO___ **Is the soil a Histosol? YES ___ NO _X_**
Histic epidedon present? YES__ NO___ **Mottled? YES__ NO___** **Gleyed? YES___ NO__**
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES _X_ NO___**
Other hydric soil indicators: Based on soil survey.

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:**
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable based on inundation, hydrophytic vegetation, and soil survey mapping of hydric soil. Offsite, viewed from road.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-B **State:** OR **County:** Marion
Sample Plot ID: PU3

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	50
Phalaris arundinacea	reed canary grass	GC	FACW	25
Ranunculus repens	creeping buttercup	GC	FACW	10
Carex obnupta	slough sedge	GC	OBL	10
Veronica sp.	speedwell	GC	OBL	5
Salix lasiandra	Pacific willow	Sh	FACW	5
Populus trichocarpa	black cottonwood	Sh	FAC	5
Corylus cornuta	Hazelnut	Sh	FACW	1

Percent of dominant species that are OBL, FACW, and/or FAC: 4/4 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidon present? YES__ **NO**_X_ **Mottled? YES**_X_ **NO**__ **Gleyed? YES**__ **NO**_X_
Matrix Color: 10YR4/1 **Mottle Colors:** 10YR4/4 **Is hydric soil criterion met? YES** _X_ **NO**__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ **NO**___ **Surface Water depth:**
Is the soil saturated? YES_X_ **NO**__ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ **NO**___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ **NO**___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-B **State:** OR **County:** Marion
Sample Plot ID: PU4

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Border of Dayton and Woodburn
Is the soil on hydric soils list? Yes ___ **NO**___ **Is the soil a Histosol? YES** ___ **NO** ___
Histic epidon present? YES__ **NO**___ **Mottled? YES**___ **NO**___ **Gleyed? YES**___ **NO**___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES** ___ **NO**___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO_X_ Surface Water depth:**
Is the soil saturated? YES___ **NO_X_ Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ **NO_X_**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ **NO**___

COMMENTS: Requires further investigation. Rationale for soil section: Fill - wood chips. Most of fill appears to be above topographic break of Dayton series.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-B **State:** OR **County:** Marion
Sample Plot ID: PU5

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Acer macrophyllum	big leaf maple	T	FACW	50
Symphoricarpos albus	snowberry	Sh	FACW	15
Fraxinus latifolia	Oregon ash	T	FACW	20
Rubus discolor	Himalayan blackberry	Sh	FACW	25
Ranunculus repens	creeping buttercup	GC	FACW	10

Percent of dominant species that are OBL, FACW, and/or FAC: 2/5 40
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn
Is the soil on hydric soils list? Yes ___ **NO_X_** **Is the soil a Histosol? YES** ___ **NO _X_**
Histic epidon present? YES__ **NO_X_** **Mottled? YES**__ **NO_X_** **Gleyed? YES**___ **NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES** ___ **NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO_X_** **Surface Water depth:**
Is the soil saturated? YES___ **NO_X_** **Depth to free-standing water in soil probe hole:** >16 in.
Is wetland hydrology criterion met? YES___ **NO_X_**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ **NO_X_**

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-B **State:** OR **County:** Marion
Sample Plot ID: PU6

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	75
Carex obnupta	slough sedge	GC	OBL	60
Juncus pratensis	spreading rush	GC	FACW	15

Percent of dominant species that are OBL, FACW, and/or FAC: 3/3 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidon present? YES__ **NO**_X_ **Mottled? YES**_X_ **NO**__ **Gleyed? YES**___ **NO**_X_
Matrix Color: 10YR4/1 **Mottle Colors:** 10YR4/4 **Is hydric soil criterion met? YES** __ **NO**__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ **NO**___ **Surface Water depth:** 2-4 inches
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ **NO**___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ **NO**___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-C **State:** OR **County:** Marion
Sample Plot ID: PU7

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	80

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** ___
Histic epidon present? YES__ **NO**___ **Mottled? YES**___ **NO**___ **Gleyed? YES**___ **NO**___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES** _X_ **NO**___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** surface to 3 inches
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable, based on hydrophytic vegetation, soil survey, and inundation. Offsite. Rationale for soil section: Based on soil survey mappings.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/10/97
Site ID: PU-E **State:** OR **County:** Marion
Sample Plot ID: PU7A

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	85

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES__ NO___ Mottled? YES__ NO___ Gleyed? YES___ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES __ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable forested wetland. Rationale for soil section: No data, offsite.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-G **State:** OR **County:** Marion
Sample Plot ID: PU8

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES ___ NO_X_ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES___ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES ___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable farmed wetland. No data for soil section rationale.

offsite

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-H **State:** OR **County:** Marion
Sample Plot ID: PU9

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	60
Rosa sp.	rose	Sh	FAC	15
Rubus discolor	Himalayan blackberry	Sh	FAC	15
Populus trichocarpa	black cottonwood	T	FAC	20

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Bashaw clay
Is the soil on hydric soils list? YES _X_ NO___ **Is the soil a Histosol? YES ___ NO ___**
Histic epidon present? YES__ NO___ **Mottled? YES___ NO__** **Gleyed? YES___ NO___**
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES ___ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ **Surface Water depth:**
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ **NO___**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ **NO___**

COMMENTS: Probable forested wetland. Offsite. No data for soil section rationale.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/10/97
Site ID: PU-I **State:** OR **County:** Marion
Sample Plot ID: PU10

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	Sh	FACW	65
Rubus discolor	Himalayan blackberry	Sh	FACW	5
Rosa nutkana	Nutka rose	GC	FAC	5
Juncus patens	spreading rush	GC	FACW	15
Alopecurus pratensis	meadow foxtail	GC	FAC	40
Carex obnupta	slough sedge	GC	OBL	20
Trifolium repens	white clover	GC	FAC	5
Galium sp.	bedstraw			T

Percent of dominant species that are OBL, FACW, and/or FAC: 80
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw clay
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met? YES _X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/10/97
Site ID: PU-I **State:** OR **County:** Marion
Sample Plot ID: PU11

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	Sh	FACW	Trace
Rubus discolor	Himalayan blackberry	Sh	FACW	15
Alopecurus pratensis	meadow foxtail	GC	FACW	20
Holcus lanatus	velvet grass	GC	FAC	15
Poa pratensis	Kentucky bluegrass	GC	FAC	25
Vicia sp.	vetch	GC	NL	5
Cytisus scoparius	Scot's broom	Sh	NL	T
Dipsacus sylvestris	teasel	GC	FAC	20
Festuca arundinacea	tall fescue	GC	FAC	20

Percent of dominant species that are OBL, FACW, and/or FAC: 80
Is the hydrophytic vegetation criterion met? **YES_X_** **NO___**

SOILS

Series/phase: Terrace espacarpment/Woodburn
Is the soil on hydric soils list? Yes ___ NO_X_ **Is the soil a Histosol? YES ___ NO _X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES__ NO_X_** **Gleyed? YES__ NO_X_**
Matrix Color: 10YR4/2 **Mottle Colors:** **Is hydric soil criterion met? YES ___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO_X_ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/10/97
Site ID: PU-J **State:** OR **County:** Marion
Sample Plot ID: PU12

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	5
Carex obnupta	slough sedge	GC	OBL	35
Juncus patens	spreading rush	GC	FACW	25

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw clay
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES__ NO__ Mottled? YES__ NO___ Gleyed? YES___ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES _X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable wetland PEM. Offsite, no data for soil or hydrology sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/10/97
Site ID: PU-J **State:** OR **County:** Marion
Sample Plot ID: PU13

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw/Woodburn
Is the soil on hydric soils list? YES ___ NO_X_ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES ___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/10/97
Site ID: PU-J **State:** OR **County:** Marion
Sample Plot ID: PU14

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	20
Poa pratensis	Kentucky bluegrass	GC	FAC	20
Festuca arundinacea	tall fescue	GC	FAC-	10
Allium sp.	Onion	GC	NL	10
Trifolium pratensis	red clover	GC	FACW	10
Alopecurus pratensis	meadow foxtail	GC	FACW	40

Percent of dominant species that are OBL, FACW, and/or FAC: 100_
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES ___ NO_X_ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES ___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/10/97
Site ID: PU-J **State:** OR **County:** Marion
Sample Plot ID: PU15

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	95
Fraxinus latifolia	Oregon ash	T	FACW	2
Salix lasiandra	Pacific willow	Sh	FACW	T

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Bashaw clay
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met? YES _X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 6-12 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/10/97
Site ID: PU-M **State:** OR **County:** Marion
Sample Plot ID: PU16

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	10
Alopecurus pratensis	meadow foxtail	GC	FACW	90

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO**_X_ **Mottled? YES**_X_ **NO**__ **Gleyed? YES**__ **NO**_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES** _X_ **NO**__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ **NO**___ **Surface Water depth:** 6 inches
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ **NO**___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ **NO**___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-M **State:** OR **County:** Marion
Sample Plot ID: PU17

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Festuca arundinacea	tall fescue	GC	FAC	90
Trifolium pratensis	red clover	GC	FACW	10

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? Yes ___ **NO_X_** **Is the soil a Histosol? YES** ___ **NO _X_**
Histic epidedon present? YES__ **NO_X_** **Mottled? YES**__ **NO**__ **Gleyed? YES**__ **NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES _X_ NO**__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO_X_** **Surface Water depth:**
Is the soil saturated? YES___ **NO_X_** **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ **NO_X_**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ **NO_X_**

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/24/97
Site ID: PU-M **State:** OR **County:** Marion
Sample Plot ID: PU18

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	85
Festuca arundinacea	tall fescue	GC	FAC-	15

Percent of dominant species that are OBL, FACW, and/or FAC: 85
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES ___ NO___ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES__ NO__ Mottled? YES___ NO__ Gleyed? YES___ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES _X_ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable wetland, offsite. No data for soil or hydrology sections rationale.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/24/97
Site ID: PU-M **State:** OR **County:** Marion
Sample Plot ID: PU19

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Pseudotsuga menziesii	Douglas fir	T	FACW	90

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES ___ NO_X_ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES___ NO__
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO_X_
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Offsite, no data for soil or hydrology rationale sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-N **State:** OR **County:** Marion
Sample Plot ID: PU20

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	40
Juncus tenuis	slender rush	GC	FACW	15
Agrostis tenuis	colonial bluegrass	GC	FAC	30

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** ___
Histic epidedon present? YES__ **NO**___ **Mottled? YES**___ **NO**__ **Gleyed? YES**___ **NO**__
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO**___ **Surface Water depth:**
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable PEM. Offsite, no data for soil or hydrology rationale sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/1/97
Site ID: PU-O **State:** OR **County:** Marion
Sample Plot ID: PU21

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	85

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ NO___ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES___ NO__
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable forested wetland. Offsite, no data for soil or hydrology rationale sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/1/97
Site ID: PU-O **State:** OR **County:** Marion
Sample Plot ID: PU22

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES___ NO__
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable PEM. Offsite, no data for soil or hydrology rationale sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/1/97
Site ID: PU-O **State:** OR **County:** Marion
Sample Plot ID: PU23

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Pond				

Percent of dominant species that are OBL, FACW, and/or FAC: No data
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO ___
Histic epidon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES___ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: Ponded
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Possible wetland mitigation area. Offsite, no data for soil or vegetation rationale sections. Pond.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/1/97
Site ID: PU-P **State:** OR **County:** Marion
Sample Plot ID: PU24

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** ___
Histic epidedon present? YES__ **NO**___ **Mottled? YES**___ **NO**__ **Gleyed? YES**___ **NO**___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES**___ **NO**___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO**___ **Surface Water depth:**
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Possible wetland PFO. Offsite, no data for soil, hydrology, or vegetation rationale sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/1/97
Site ID: PU-P **State:** OR **County:** Marion
Sample Plot ID: PU25

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** ___
Histic epidedon present? YES__ **NO**___ **Mottled? YES**___ **NO**__ **Gleyed? YES**___ **NO**__
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO**___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO**___ **Surface Water depth:**
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable PEM. Offsite, no data for soil or hydrology rationale sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/1/97
Site ID: PU-P **State:** OR **County:** Marion
Sample Plot ID: PU26

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES___ NO__
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES_X_ NO___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable PEM. Offsite, no data for soil or hydrology rationale sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-Q **State:** OR **County:** Marion
Sample Plot ID: PU27

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** ___
Histic epidedon present? YES__ **NO**___ **Mottled? YES**___ **NO**__ **Gleyed? YES**___ **NO**__
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO**___ **Surface Water depth:**
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable PEM. Offsite, no data for soil or hydrology rationale sections.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-R **State:** OR **County:** Marion
Sample Plot ID: PU29

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	10
Poa pratensis	Kentucky bluegrass	GC	FAC	40
Trifolium repens	white clover	GC	FAC	10

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? Yes ___ **NO_X_** **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO_X_** **Mottled? YES**__ **NO_X_** **Gleyed? YES**__ **NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES**___ **NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO_X_** **Surface Water depth:**
Is the soil saturated? YES___ **NO_X_** **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ **NO_X_**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ **NO_X_**

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-R **State:** OR **County:** Marion
Sample Plot ID: PU30

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	90
Alopecurus pratensis	meadow foxtail	GC	FACW	10

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO**_X_ **Mottled? YES**_X_ **NO**__ **Gleyed? YES**__ **NO**_X_
Matrix Color: 10YR3/1 **Mottle Colors:** 10YR3/6 **Is hydric soil criterion met? YES**_X_ **NO**__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO**_X_ **Surface Water depth:**
Is the soil saturated? YES_X_ **NO**__ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ **NO**___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ **NO**___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-R **State:** OR **County:** Marion
Sample Plot ID: PU31

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	70
Carex obnupta	slough sedge	GC	OBL	20

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO_X_ Mottled? YES_X_ NO**__ **Gleyed? YES**__ **NO_X_**
Matrix Color: 10YR3/1 **Mottle Colors:** 10YR3/6 **Is hydric soil criterion met? YES**__ **NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 6 inches
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-S **State:** OR **County:** Marion
Sample Plot ID: PU32a

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Mentha sp.	mint (pepper?)	GC	FACW	30
Alopecurus pratensis	meadow foxtail	GC	FACW	40
Holcus lanatus	velvet grass	GC	FAC	10

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO_X_ Mottled? YES_X_ NO**__ **Gleyed? YES**__ **NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** 75YR3/3 **Is hydric soil criterion met? YES_X_ NO**__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** surface to 3 inches
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-S **State:** OR **County:** Marion
Sample Plot ID: PU32b

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	65
Alopecurus pratensis	meadow foxtail	GC	FACW	30
Salix lasiandra	Pacific willow	T	FACW	15

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO**_X_ **Mottled? YES**_X_ **NO**__ **Gleyed? YES**__ **NO**_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 75YR 5/8 **Is hydric soil criterion met? YES**_X_ **NO**__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ **NO**___ **Surface Water depth:** 0-12 inches
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ **NO**___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ **NO**___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-S **State:** OR **County:** Marion
Sample Plot ID: PU33

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
no veg.				

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? Yes ___ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO_X_ Mottled? YES**__ **NO_X_ Gleyed? YES**__ **NO_X_**
Matrix Color: 10YR3/3 **Mottle Colors: Is hydric soil criterion met? YES**___ **NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO_X_ Surface Water depth:**
Is the soil saturated? YES___ **NO_X_ Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ **NO_X_**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ **NO_X_**

COMMENTS: Area disked.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-T **State:** OR **County:** Marion
Sample Plot ID: PU34

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	black cottonwood	T	FAC	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO**___ **Mottled? YES**___ **NO**__ **Gleyed? YES**__ **NO**___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES**___ **NO**___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO__ **Surface Water depth:** no data, observed from rd.
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-T **State:** OR **County:** Marion
Sample Plot ID: PU35

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES_X_ NO___

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	95

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** ___
Histic epidedon present? YES__ **NO**___ **Mottled? YES**___ **NO**__ **Gleyed? YES**__ **NO**___
Matrix Color: **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO**___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** ?
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Probable PEM & farmed wetland. Half of wetland plowed. Offsite.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-U **State:** OR **County:** Marion
Sample Plot ID: PU36

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Festuca arundinacea	tall fescue	GC	FAC	75
Bromus inermis	smooth brome	GC	NL	15
Daucus carota	queen anne's lace	GC	NL	10
Agrostis tenuis	colonial bentgrass	GC	FAC	5

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? **YES___** **NO_X_**

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES ___ NO_X_ **Is the soil a Histosol? YES ___ NO ___**
Histic epidedon present? YES__ NO_X_ **Mottled? YES__ NO_X_** **Gleyed? YES__ NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO_X_ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-U **State:** OR **County:** Marion
Sample Plot ID: PU37

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	45
Agrostis tenuis	colonial bentgrass	GC	FAC	40

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR5/1 **Mottle Colors:** 10YR5/6 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES_X_ NO__ Depth to free-standing water in soil probe hole: surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/26/97
Site ID: PU-U **State:** OR **County:** Marion
Sample Plot ID: PU38

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	65
Crataegus douglasii	Douglas hawthorn	Sh	FAC	45

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR5/1 **Mottle Colors:** 10YR5/6 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 2-6 inches
Is the soil saturated? YES___ NO__ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-V **State:** OR **County:** Marion
Sample Plot ID: PU39

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Festuca arundinacea	tall fescue	GC	FAC	35
Holcus lanatus	velvet grass	GC	FAC	5
Trifolium pratensis	red clover	GC	FACW	15
Agrostis tenuis	colonial bluegrass	GC		20

Percent of dominant species that are OBL, FACW, and/or FAC: 66
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? Yes ___ NO_X_ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES___ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 ***Mottle Colors:*** ***Is hydric soil criterion met? YES___ NO_X_***
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-V **State:** OR **County:** Marion
Sample Plot ID: PU40

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	80
Rumex crispus	curly dock	GC	FAC	5

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Concord silt loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 8 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-V **State:** OR **County:** Marion
Sample Plot ID: PU41

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	80
Rumex crispus	curly dock	GC	FAC	15

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Concord silt loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 10 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-V **State:** OR **County:** Marion
Sample Plot ID: PU42

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FAC	85
Populus trichocarpa	black cottonwood	T	FACW	35

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Concord silt loa,
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO_X_ Mottled? YES_X_ NO**__ **Gleyed? YES**__ **NO_X_**
Matrix Color: 10YR3/2 **Mottle Colors:** 10YR3/4 **Is hydric soil criterion met? YES_X_ NO**__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO_X_ Surface Water depth:**
Is the soil saturated? YES_X_ NO__ **Depth to free-standing water in soil probe hole:** 2 inches
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-V **State:** OR **County:** Marion
Sample Plot ID: PU43

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Trifolium pratensis	red clover	GC	FACU	15
Festuca arundinacea	tall fescue	GC	FAC-	35 x
Holcus lanatus	velvet grass	GC	FAC	10
Agrostis tenuis	colonial bentgrass	GC	FAC	40 x

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? **YES___** **NO_X_**

SOILS

Series/phase: Concord silt loam
Is the soil on hydric soils list? YES _X_ NO___ **Is the soil a Histosol? YES ___ NO _X_**
Histic epidedon present? YES__ NO_X_ **Mottled? YES_X_ NO__** **Gleyed? YES__ NO_X_**
Matrix Color: 10YR4/1 **Mottle Colors:** 10YR4/3 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO_X_ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Does not have hydric, even after heavy rains.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/11/97
Site ID: PU-W **State:** OR **County:** Marion
Sample Plot ID: PU44

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Rumex crispus	curly dock	GC	OBL	25
Eleocharis palustris	spike rush	GC	FAC	10

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Concord silt loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, no data for soil section rationale.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/11/97
Site ID: PU-X **State:** OR **County:** Marion
Sample Plot ID: PU45

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	80

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes ___ NO___ Is the soil a Histosol? YES ___ NO ___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Mottle Colors: Is hydric soil criterion met? YES___ NO__ Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 3 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Offsite, no data for soil & hydrology rationale sections. ponded

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-Y **State:** OR **County:** Marion
Sample Plot ID: PU46

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	75
Carex obnupta	slough sedge	GC	OBL	15
Quamash cammasia	camas lily	GC	FACW	15
Carex sp.	sedge	GC	FACW	T

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Dayton
Is the soil on hydric soils list? YES _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO**___ **Mottled? YES**__ **NO_X_ Gleyed? YES**__ **NO**___
Matrix Color: 10YR4/1 **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO**___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ **NO_X_ Surface Water depth:**
Is the soil saturated? YES_X_ NO__ **Depth to free-standing water in soil probe hole:** surface
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-Y **State:** OR **County:** Marion
Sample Plot ID: PU47

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alopecurus pratensis	meadow foxtail	GC	FACW	40
Carex obnupta	slough sedge	GC	OBL	20
Phalaris arundinacea	reed canary grass	GC	FACW	25

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO**_X_ **Mottled? YES**__ **NO**_X_ **Gleyed? YES**__ **NO**_X_
Matrix Color: 10YR3/1 **Mottle Colors:** **Is hydric soil criterion met? YES**_X_ **NO**___
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ **NO**___ **Surface Water depth:** 2 inches
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ **NO**___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ **NO**___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-Y **State:** OR **County:** Marion
Sample Plot ID: PU48

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Dactilis glomerata	orchard grass	GC	FACW	45
Rubus discolor	Himalayan blackberry	Sh	FACW	15
Festuca rubra	tall fescue	GC	FAC	30
Alopecurus pratensis	meadow foxtail	GC	FACW	T
Traxicum officinale	dandelion	GC	FACW	5
Crataegus douglasii	Douglas hawthorn	Sh	FAC	5

Percent of dominant species that are OBL, FACW, and/or FAC: 0
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Woodburn silt loam
Is the soil on hydric soils list? YES ___ NO_X_ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES___ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-Y **State:** OR **County:** Marion
Sample Plot ID: PU49

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix lasiandra	Pacific willow	Sh	FACW	90
Carex obnupta	slough sedge	T	OBL	10

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES _X_ NO___ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES__ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/1 **Mottle Colors:** 10YR4/3 **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: 6 inches
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 4/2/97
Site ID: PU-Y **State:** OR **County:** Marion
Sample Plot ID: PU50

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed canary grass	GC	FACW	55
Alopecurus pratensis	meadow foxtail	GC	FACW	35

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Dayton silt loam
Is the soil on hydric soils list? YES _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES__ **NO**_X_ **Mottled? YES**_X_ **NO**__ **Gleyed? YES**__ **NO**_X_
Matrix Color: 10YR3/1 **Mottle Colors:** 10YR4/3 **Is hydric soil criterion met? YES**_X_ **NO**__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ **NO**___ **Surface Water depth:** 2 inches
Is the soil saturated? YES___ **NO**___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ **NO**___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ **NO**___

COMMENTS:

WETLAND SUMMARY SHEET

Date of Field Verification: offsite

Wetland ID: WS-A
Data Sheets:

Location: T7S, R3W, Sec. 27

Classification: PEM, PFO, PSS, OW, R2

Hydrologic Basin: Willamette Slough East

Wetland Area: 167.01 acres

Soil:

Dominant Vegetation:

Species	Stratum

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Pleasing

Fish Habitat: Intact
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Provide opportunities

Comments: Portions of this area have been disturbed by gravel mining. What can be seen from a distance and on air photos looks like a high quality wetland complex.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-B
Data Sheets: WS1, WS2, WS4

Location: T7S, R3W, Sect 28 and 33, NE portion minto Island

Classification: PEM, PFO, PSS, OW, FW

Hydrologic Basin: Willamette Slough East

Wetland Area: 129.4

Soil: Wapato silty clay loam, Cloquato silt loam

Dominant Vegetation:

Species	Stratum
Fraxinus latifolia	T
Populus trichocarpa	T
Cornus stolonifera	Sh
Salix lasiandra	Sh
Phalaris arundinacea	H

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: Intact
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Povide opportunities

Comments: Excellent wetland habitat.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-C
Data Sheets: None

Location: T7S, R3W, Sec. 28

Classification: PEM, PFO, OW, PSS

Hydrologic Basin: Willamette Slough East

Wetland Area: 5.96

Soil: Wapato silty clay loam, cloquato silt loam

Dominant Vegetation:

Species	Stratum
Populus trichocarpa	T
Fraxinus latifolia	T
Phalaris arundinacea	GC

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted/ Degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: Impacted/ Degraded
Hydrologic Control: Impacted/Degraded
Enhancement Potential: High
Recreation: Not appropriate

Comments: Wetland complex consists of two wetlands that are along a remnant of drainage way or old oxbow. Off-site - not visable from roads. Enhancement is over-rated.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-D
Data Sheets: None

Location: T7S, R3W, Sec. 28

Classification: PFO, PSS, OW, FW, PUB

Hydrologic Basin: Willamette Slough East

Wetland Area: 7.29

Soil: Wapato

Dominant Vegetation:

Species	Stratum
Populus trichoacarpa	T
Fraxinus latifolia	T
Phalaris arundinacea	GC

Function/Value Summary:

Wildlife Habitat: Provides some habitat
Water Quality: Impacted/degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Pleasing

Fish Habitat: Impacted/degraded
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: Wetland complex consists of two wetlands that are along a remnant of a drainage way or old oxbow. Off-site - not visable from roads. Wetland enhancement restricted to buffer enhancement.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-E
Data Sheets: None

Location: T7S, R3W, Sect 33

Classification: FW PEM

Hydrologic Basin: Willamette slough

Wetland Area: 4.18

Soil: McBee

Dominant Vegetation:

Species	Stratum
None- farmed wetland	

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Educational use
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: High
Recreation: Provides opportunities

Comments: Enhancement potential is high.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-F
Data Sheets:

Location: T7S, R3W, Sec. 33

Classification: PEM, PUB, FW, OW

Hydrologic Basin: Willamette Slough East

Wetland Area: 9.15 acres

Soil: Wapato Silty clay loam, Cloquato silt loam

Dominant Vegetation:

Species	Stratum

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: impacted
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: Impacted/degraded
Hydrologic Control: Impacted
Enhancement Potential: High
Recreation: Provides opportunities

Comments: Portions of this complex have educational and recreational uses and portions do not.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-G
Data Sheets: WS8

Location: T7S, R3W, Sec. 32

Classification: PFO, PSS, OW, FW

Hydrologic Basin: Willamette Slough East

Wetland Area: 122.55 acres

Soil: Wapato Silty clay loam, Newberg silt loam, camas gravelly sandy loam

Dominant Vegetation:

Species	Stratum
Populus trichocarpa	T
Fraxinus latifolia	T
Salix lasiandra	T

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: Intact
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Has potential

Comments:

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97 offsite

Wetland ID: WS-H
Data Sheets: None

Location: T7S, R3W, Sec. 32

Classification: FW, PEM

Hydrologic Basin: Willamette Slough East

Wetland Area: 2.31

Soil: Wapato Silty clay loam, Newberg silt loam

Dominant Vegetation:

Species	Stratum

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted/degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: NA
Hydrologic Control: Impacted/degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Air photo in soil survey shows farmed wetland area was formerly forested. Farmed swale has high enhancement potential despite OFWAM rating. Although 2 polygons, they are both in the same swale. Most of this area has already been impacted. Therefore, it is no longer sensitive to impacts.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-I
Data Sheets: WS7

Location: T8S, R3W, Sect 5

Classification: PEM

Hydrologic Basin: Willamette Slough

Wetland Area: 0.46 acres

Soil: Wapato silty clay loam

Dominant Vegetation:

Species	Stratum
Phalaris arundinacea	GC

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments:

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97 offsite

Wetland ID: WS-J
Data Sheets:

Location: T8S, R3W, Section 31

Classification: PFO, FW, OW, PEM

Hydrologic Basin: Willamette Slough

Wetland Area: 6.93

Soil: Cloquato silty clay loam, Newberg silt loam

Dominant Vegetation:

Species	Stratum
Populus trichocarpa	*T*
Phalaris arundinacea	*GC*

Function/Value Summary: N/A

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderately pleasing

Fish Habitat: NA
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments:

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97 offsite

Wetland ID: WS-K
Data Sheets:

Location: T7S, R3W, Sect 32, T8S, R3W, Sect 5

Classification: ditch

Hydrologic Basin: Willamette slough

Wetland Area: linear

Soil: Wapato silty clay loam

Dominant Vegetation:

Species	Stratum

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Ditch

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-L
Data Sheets: WS5

Location: T8S, R3W, Sect 5

Classification: PEM, FW

Hydrologic Basin: Willamette slough

Wetland Area: 2.61

Soil: Wapato SiCL

Dominant Vegetation:

Species	Stratum
Phalaris arundinacea	GC
Populus trichocarpa	T

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted/degraded
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Not pleasing

Fish Habitat: NA
Hydrologic Control: Impacted/degraded
Enhancement Potential: Moderate
Recreation: Provides opportunities

Comments: Area was farmed in recent past and then abandoned - weedy area. Aesthetic quality is under-rated.

WETLAND SUMMARY SHEET

Date of Field Verification: offsite

Wetland ID: WS-N
Data Sheets:

Location: T7S, R3W, Sect 31

Classification: PFO, OW

Hydrologic Basin: Willamette Slough

Wetland Area: 6.11

Soil: Claquato silt loam, Newberg fine sandy loam

Dominant Vegetation:

Species	Stratum

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Intact
Sensitivity to Impact: Sensitive
Education: Not appropriate
Aesthetic Quality: Moderate

Fish Habitat: Intact
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Not appropriate

Comments: Enhancement is over-rated.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-O
Data Sheets:

Location: T7S, R3W, Sec. 31

Classification: FW, PUB, PFO, pond

Hydrologic Basin: Willamette Slough

Wetland Area: 13.98

Soil: Cloquato silt loam, Newberg silt loam

Dominant Vegetation:

Species	Stratum

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Moderately pleasing

Fish Habitat: Impacted or degraded
Hydrologic Control: Impacted or degraded
Enhancement Potential: High
Recreation: Not appropriate

Comments:

Irrigation ponds and farmed swale

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97 offsite

Wetland ID: WS-P
Data Sheets:

Location: T7S, R3W, Sect 33

Classification: FW

Hydrologic Basin: Willamette slough

Wetland Area: 1.47

Soil: Wapato silty clay loam, cloquato silt loam

Dominant Vegetation:

Species	Stratum

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate potential
Recreation: Not appropriate

Comments: About one-third of this swale was inundated and appears to be farmed wetland. As such, enhancement potential is high in farmed wetland area.

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-Q
Data Sheets: None

Location: T7S, R3W, Sect 31

Classification: PFO

Hydrologic Basin: Willamette slough

Wetland Area: 1.15

Soil: Camas gravelly sandy loam

Dominant Vegetation:

Species	Stratum

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Intact
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments:

WETLAND SUMMARY SHEET

Date of Field Verification: 3/19/97

Wetland ID: WS-R
Data Sheets:

Location: T7S, R3W, Sect 30, 31

Classification: PUB

Hydrologic Basin: Willamette Slough East

Wetland Area: 25.55

Soil: Newburg fine sandy loam, camas gravelly sandy loam
non-hydric

Dominant Vegetation:

Species	Stratum

Function/Value Summary: N/A

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments: Gravel pit on Eola Point. OFWAM rating not performed because site is an active gravel mine.

non-jurisdictional

J-F 7.13

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: WS-T
Data Sheets: None

Location: T8S, R4W Sec 27

Classification: R4

Hydrologic Basin: Willamette Slough

Wetland Area: NA

Soil: Wapato

linear feature

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary: Not Appropriate

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:

Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: WS-B **State:** OR **County:** Marion
Sample Plot ID: WS1

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	*Oregon Ash*	*T*	*FACW*	*35*
Populus trichocarpa	*Black cottonwood*	*T*	*FAC*	*30*
Cornus stolonifera	*Red-osier dogwood*	*S*	*FACW*	*20*
Salix lasiandra	*Pacific Willow*	*T/S*	*FACW*	*15*
Phalaris arundinacea	reed canary grass	H	FACW	10

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X__ NO___

SOILS

Series/phase: Wapato
Is the soil on hydric soils list? Yes _X_ NO___ Is the soil a Histosol? YES ___ NO __
Histic epidedon present? YES___ NO___ Mottled? YES___ NO__ Gleyed? YES___ NO__
Matrix Color: no data - flooded **Mottle Colors:**
Is hydric soil criterion met? YES _X_ NO___ Rationale: area flooded
Other hydric soil indicators: Based on soil survey. No data recorded

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HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth: > 2 feet
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X__ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: WS-B **State:** OR **County:** Marion
Sample Plot ID: WS2

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Spiraea douglasii	*Douglas hawthorn*	*S*	*FAC*	*10*
Phalaris arundinacea	reed canary grass	H	FACW	70

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X__** **NO___**

SOILS

Series/phase: Wapato
Is the soil on hydric soils list? Yes _X_ NO___ **Is the soil a Histosol? YES ___ NO _X_**
Histic epidedon present? YES___ NO_X_ Mottled? YES_X_ NO__ Gleyed? YES___
NO_X Matrix Color: 10 year 2/2 **Mottle Colors:** 5 YR 3/4
Is hydric soil criterion met? YES _X_ NO___ Rationale:
Other hydric soil indicators: Based on soil survey. No data recorded

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HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** 0-6 "
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X__ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: WS-B **State:** OR **County:** Marion
Sample Plot ID: WS3

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Rubus discolor	*Himalayan Blackberry*	*S*	*FACU*	*35+*
Pseudotsuga menziesii	*Douglas fir*	*S*	*FACU*	*5*
Cytisus scoparius	*Scots broom*	*S*	*NL*	*25+*
Trifolium pratensis	*red clover*	*H*	*FACU*	*10*
Festuca arundinacea	*tall fescue*	*H*	*FAC--*	*20**
Dactlis glomerata	*orchard grass*	*H*	*FACU*	*15*
Phalaris arundinacea	reed canary grass	H	FACW	20

Percent of dominant species that are OBL, FACW, and/or FAC: 25
Is the hydrophytic vegetation criterion met? YES_ __ NO_X_

SOILS

Series/phase: Wapato
Is the soil on hydric soils list? Yes _ _ NO___ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES___ NO_X__ Mottled? YES_X__ NO__ Gleyed? YES___
NO_X_ Matrix Color: 10 yr 3/2 **Mottle Colors:** 7.5 yr 3/4
Is hydric soil criterion met? YES _X_ NO___ Rationale:
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES__ NO_X__ Surface Water depth:
Is the soil saturated? YES___ NO_X__ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES___ NO_X__
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES__ NO_X__

COMMENTS: Does not have hydrology or vegetation

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: WS-B **State:** OR **County:** Marion
Sample Plot ID: WS4

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	*Oregon ash*	*T*	*FACW*	*25*
Cornus Stolonifera	*Red osier dogwood*	*S*	*FACW*	*35*
Salix lasiandra	*Pacific Willow*	*S*	*FACW*	*30*
Phalaris arundinacea	reed canary grass	H	FACW	20

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? **YES_X__** **NO_ _**

SOILS

Series/phase: Wapato
Is the soil on hydric soils list? Yes _X_ NO___ **Is the soil a Histosol? YES ___ NO _ _**
Histic epidedon present? YES___ NO_ __ **Mottled? YES_ __ NO__** **Gleyed? YES___ NO_**
Matrix Color: no data -flooded **Mottle Colors:**
Is hydric soil criterion met? YES _X_ NO___ Rationale:
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X NO_ __ **Surface Water depth:** > 1 ft.
Is the soil saturated? YES___ NO_ __ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO_ __
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X NO___

COMMENTS: Does not have hydrology or vegetation

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: WS-L **State:** OR **County:** Marion
Sample Plot ID: WS5

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	*reed canary grass*	*G*	*FACW*	*80*
Populus trichocarpa	*Black cottonwood*	*T*	*FAC*	*10*

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X__ NO_ _

SOILS

Series/phase: Mapped Chehalis - inclusion of wapato
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _X_
Histic epidedon present? YES___ **NO**_X__ **Mottled? YES**_X__ **NO**__ **Gleyed? YES**___
NO_X_ **Matrix Color:** 10 yr 3/2 **Mottle Colors:** 10 yr 3/4
Is hydric soil criterion met? YES _X_ **NO**___ **Rationale:**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X **NO**_ __ **Surface Water depth:** 4"
Is the soil saturated? YES_X__ **NO**_ __ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ **NO**_ __ **rationale:**
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X **NO**___

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: WS-L **State:** OR **County:** Marion
Sample Plot ID: WS6

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Dipsacus sylvestris	*teasle*	*H*	*FAC*	*60*
Crataegus douglasii	*Douglas hawthorn*	*S*	*FAC*	*5*
Rubus discolor	*Himilayan Blackberry*	*S*	*FACU*	*20*

Percent of dominant species that are OBL, FACW, and/or FAC: 50
Is the hydrophytic vegetation criterion met? YES_ __ NO_X _

SOILS

Series/phase: Chehalis
Is the soil on hydric soils list? Yes __ NO_X__ Is the soil a Histosol? YES ___ NO _X_
Histic epidedon present? YES___ NO_X__ Mottled? YES___ NO_X_ Gleyed? YES___
NO_X_ Matrix Color: 10 yr 3/3 **Mottle Colors:**
Is hydric soil criterion met? YES _X_ NO___ Rationale:
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_ NO_X __ Surface Water depth:
Is the soil saturated? YES___ NO_ X__ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES__ NO_X __ rationale:
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_ NO_X__

COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: WS-M **State:** OR **County:** Marion
Sample Plot ID: WS7

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	*reed canary grass*	*H*	*FACW*	*80*
Crataegus douglassi	*Douglas hawthorn*	*S*	*FAC*	*5*
Fraxinus latifolia	*Oregon ash*	*S*	*FACW*	*5*

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X__ NO__

SOILS

Series/phase: Chehalis/ Wapato
Is the soil on hydric soils list? Yes _X_ NO___ Is the soil a Histosol? YES ___ NO __
Histic epidedon present? YES___ NO___ Mottled? YES___ NO__ Gleyed? YES___ NO_
Matrix Color: Mottle Colors:
Is hydric soil criterion met? YES _X_ NO___ Rationale: No data - off-site
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X NO___ Surface Water depth: No data offsite
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___ rationale: inundated
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_NO___
rationale fro WETLAND decision: off-site
COMMENTS:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 3/19/97
Site ID: WS-G **State:** OR **County:** Marion
Sample Plot ID: WS8

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	*Black cottonwood*	*T*	*FAC*	
fraxinus latifolia	*Oregon ash*	*T*	*FACW*	

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X__ NO_ _

SOILS

Series/phase: Newberg/Wapato
Is the soil on hydric soils list? Yes _X_ **NO**___ **Is the soil a Histosol? YES** ___ **NO** _ _
Histic epidedon present? YES___ **NO**_ __ **Mottled? YES**_ __ **NO**__ **Gleyed? YES**___ **NO**_
Matrix Color: **Mottle Colors:**
Is hydric soil criterion met? YES _X_ **NO**___ **Rationale:** offsite
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X NO_ __ **Surface Water depth:**
Is the soil saturated? YES___ **NO**_ __ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO_ __ **rationale:** view from road - off-site.
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X NO___

COMMENTS:

WETLAND SUMMARY SHEET

Date of Field Verification: 10/31/96

Wetland ID: WW-A
Data Sheets: WW1, 2

WD 2007-0211

Location: T7S, R3W, Section 15

Classification: PUB

Hydrologic Basin: Willamette slough west

Wetland Area: .93

Soil: Cove

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Fraxinus latifolia	*T*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: Impacted
Hydrologic Control: Impacted or degraded
Enhancement Potential: High
Recreation: Provides opportunities

Comments: Enhancement potential is over-rated.

west of Wallace Marine Park

may include ditch to S.

WETLAND SUMMARY SHEET

Date of Field Verification: 10/31/96

Wetland ID: WW-B
Data Sheets: WW3-5

Location: T7S, R3W, Section 15

Classification: PFO, PUB

Hydrologic Basin: Willamette Slough West

Wetland Area: 3.08

Soil: Water

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Alnus rubra	*T/Sh*
Populus trichocarpa	*T/Sh*
Cornus stolonifera	*Sh*
Salix sp.	*Sh*

Function/Value Summary:

Wildlife Habitat: Provides some
Water Quality: Impacted
Sensitivity to Impact: Potentially sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: Impacted
Hydrologic Control: Intact
Enhancement Potential: High
Recreation: Has potential

Comments: The wildlife habitat is not impacted or degraded. An isolated wetland within a large natural area.

abandoned gravel pit

WETLAND SUMMARY SHEET

Date of Field Verification: 10/31/96

Wetland ID: WW-C
Data Sheets: WW6-WW10

Location: T7S, R3W, Section 15, 22

Classification: PSS, PFO

Hydrologic Basin: Willamette Slough West

Wetland Area: 43.46

Soil: Xerofluvent

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)
Salix sp.	*Sh*
Populus trichocarpa	*T*
Fraxinus latifolia	*T*
Cornus stolonifera	*Sh*

21.78 ac
Rev table y

4.55 ac
.32
.38 R2
.68 "
.23 "

Function/Value Summary:

Wildlife Habitat: Diverse
Water Quality: Intact
Sensitivity to Impact: Sensitive
Education: Has uses
Aesthetic Quality: Pleasing

Fish Habitat: Intact
Hydrologic Control: Intact
Enhancement Potential: N/A
Recreation: Provides opportunities

Comments: Large diverse wetland along the river, and it is in public ownership.

WETLAND SUMMARY SHEET

Date of Field Verification: Off-site

Wetland ID: WW-D
Data Sheets:

Location: T7S, R3W, Section 15 and 16

Classification: PEM, FW, PFO

Hydrologic Basin: Glenn-Gibson

Wetland Area: 0.47 acres

Soil: Cove silty clay loam, Malabon silty clay loam, Newberg fine sandy loam

Dominant Vegetation:

Species	Stratum (T = tree, Sh = shrub, GC = Ground cover)

Function/Value Summary:

Wildlife Habitat:
Water Quality:
Sensitivity to Impact:
Education:
Aesthetic Quality:
Fish Habitat:
Hydrologic Control:
Enhancement Potential:
Recreation:

Comments:

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/31/96
Site ID: WW-A **State:** OR **County:** Polk
Sample Plot ID: WW1

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Aquatics	Oregon ash on banks	T	FACW	75

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO___
Histic epidedon present? YES__ NO___ Mottled? YES___ NO__ Gleyed? YES__ NO___
Matrix Color: Not recorded **Mottle Colors:** **Is hydric soil criterion met? YES_X_ NO__**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Perennial inundation, slough. PEM

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/31/96
Site ID: WW-A **State:** OR **County:** Polk
Sample Plot ID: WW2

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Phalaris arundinacea	reed carnary grass	GC	FACW	30
Polystichum munitum	sword fern	GC	FACU	5
Cirsium arvense	Canadian thistle	GC	FACU	<5
Rubus discolor	Himilayan blackberry	Sh	FACU	50
Symphoricarpos alba	snowberry	Sh	FACU	10
Solidago sp.	Goldenrod	GC	FACU	<5

Percent of dominant species that are OBL, FACW, and/or FAC: 1\1 50
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole: >18"
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Above top of bank. Other spp. *Cytisus scoparius*, *Physocarpus capitatus* FACW-. Most spp. FACU.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/31/96
Site ID: WW-B **State:** OR **County:** Polk
Sample Plot ID: WW3

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Alnus rubra	Red alder	T/Sh	FAC	
Populus trichocarpa	Black cottonwood	T/Sh	FAC	
Cornus stolonifera	Red-osier dogwood	Sh	FACW	
Salix sp.	Willow	Sh	FAC/FACW	

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO___ **Is the soil a Histosol?** YES___ NO___
Histic epidedon present? YES__ NO___ **Mottled?** YES__ NO___ **Gleyed?** YES__ NO___
Matrix Color: Not recorded **Mottle Colors:** **Is hydric soil criterion met?** YES_X_ NO__
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** surface to >18"
Is the soil saturated? YES___ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Appears to be perennial inundation. Appears to be abandoned gravel pit. Many trees down, result of beaver activity. Shrub re-growth. Trees/shrubs on bank. PUBHx.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/31/96
Site ID: WW-B **State:** OR **County:** Polk
Sample Plot ID: WW4

Normal environmental conditions at plant Community? **YES_X_** **NO___**
Vegetation, soils, and/or hydrology significantly disturbed? **YES___** **NO_X_**

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Agropyron repens	Quack grass	GC	FACU	25
Danthonia intermedia	oatgrass	GC	FACU+	15
Dactylis glomerata	orchard grass	GC	FACU	25
Rubus discolor	Himalayan blackberry	Sh	FACU	15
Cytisus scoparius	scots broom	Sh	NL	5

Percent of dominant species that are OBL, FACW, and/or FAC:
Is the hydrophytic vegetation criterion met? **YES___** **NO_X_**

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO___ **Is the soil a Histosol? YES___ NO_X_**
Histic epidedon present? YES__ NO___ **Mottled? YES__ NO_X_** **Gleyed? YES__ NO_X_**
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ **Surface Water depth:**
Is the soil saturated? YES___ NO_X_ **Depth to free-standing water in soil probe hole:** >18"
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Very gravelly. Steep banks, especially west and south sides. Upland.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/31/96
Site ID: WW-C **State:** OR **County:** Polk
Sample Plot ID: WW5

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	Black cottonwood	T	FAC	100

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase:
Is the soil on hydric soils list? YES___ NO___ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO___ Mottled? YES__ NO_X_ Gleyed? YES__ NO___
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole: >18"
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Plant community is a band of black cottonwoods growing on a ridge. Levee like ridge several feet higher than normal high water of riparian floodplain. Sub-stratum not recorded. Upland.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/31/96
Site ID: WW-C **State:** OR **County:** Polk
Sample Plot ID: WW6

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Fraxinus latifolia	Oregon ash	T	FACW	}
Cornus stolonifera	red-osier dogwood	Sh	FACW	} 80% canopy
Salix spp.	Willow	T/Sh	FACW/FAC	}

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Xerofluvents, loamy
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/2 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO___ Depth to free-standing water in soil probe hole:
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Recent alluvial deposits in floodplain, problem soil in terms of defining as hydric, frequent flooding. 10YR3/2 matrix with 7.5YR4/6 soft masses observed in scattered locations next to river. Drift lines, water marks on tree trunks indicate frequent flooding. Best professional judgement, floodplain adjacent to river. R2USC.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/31/96
Site ID: WW-C **State:** OR **County:** Polk
Sample Plot ID: WW7

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	Black cottonwood	T	FAC	75 canopy
Symphoricarpos alba	snowberry	Sh	FACU	30
Rubus discolor	Himalayan blackberry	Sh	FACU	25

Percent of dominant species that are OBL, FACW, and/or FAC: 33
Is the hydrophytic vegetation criterion met? YES___ NO_X_

SOILS

Series/phase: Xerofluvents, loamy
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO___**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole: >18"
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Appears to be above normal high water. FACU dominated under story. Upland.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/31/96
Site ID: WW-C **State:** OR **County:** Polk
Sample Plot ID: WW8

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Salix sp.	Willow	Sh	FAC/FACW	60+
Bare ground				30-40

Percent of dominant species that are OBL, FACW, and/or FAC: 100
Is the hydrophytic vegetation criterion met? YES___ NO___

SOILS

Series/phase: Xerofluvents, loamy
Is the soil on hydric soils list? YES___ NO___ **Is the soil a Histosol?** YES___ NO_X_
Histic epidedon present? YES__ NO_X_ **Mottled?** YES__ NO_X_ **Gleyed?** YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met?** YES__ NO_X_
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES_X_ NO___ **Surface Water depth:** variable
Is the soil saturated? YES_X_ NO___ **Depth to free-standing water in soil probe hole:**
Is wetland hydrology criterion met? YES_X_ NO___
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES_X_ NO___

COMMENTS: Appears to be within normal high water. Problem, recent alluvial deposits sand/silt. Hydric based on high frequency of inundation within normal high water.

FIELD DATA SHEET
WETLANDS DETERMINATION
SALEM/KEIZER WETLAND INVENTORY

Field Investigators: Jay Lorenz/Martin Schott **Date:** 10/31/96
Site ID: WW-C **State:** OR **County:** Polk
Sample Plot ID: WW9

Normal environmental conditions at plant Community? YES_X_ NO___
Vegetation, soils, and/or hydrology significantly disturbed? YES___ NO_X_

VEGETATION

Dominant Plant Species

Scientific Name	Common Name	Stratum	Indicator	%Cover
Populus trichocarpa	Black cottonwood	T	FAC	
Fraxinus latifolia	Oregon ash	T	FACW	
Cornus stolonifera	red-osier dogwood	Sh	FACW	15
Symphoricarpos alba	snowberry	Sh	FACU	15
Rubus discolor	Himalayan blackberry	Sh	FACU	15

Percent of dominant species that are OBL, FACW, and/or FAC: 3/5 60
Is the hydrophytic vegetation criterion met? YES_X_ NO___

SOILS

Series/phase: Newberg fine sandy loam
Is the soil on hydric soils list? YES___ NO_X_ Is the soil a Histosol? YES___ NO_X_
Histic epidedon present? YES__ NO_X_ Mottled? YES__ NO_X_ Gleyed? YES__ NO_X_
Matrix Color: 10YR3/3 **Mottle Colors:** **Is hydric soil criterion met? YES__ NO_X_**
Other hydric soil indicators:

HYDROLOGY

Is ground surface inundated? YES___ NO_X_ Surface Water depth:
Is the soil saturated? YES___ NO_X_ Depth to free-standing water in soil probe hole: >18"
Is wetland hydrology criterion met? YES___ NO_X_
List other field evidence of surface inundation or soil saturation:

WETLAND DETERMINATION

Is the plant community a wetland? YES___ NO_X_

COMMENTS: Appears to be above normal high water. Very gravelly, appears to be well drained. More gravel than in typical soil description. Common riparian species. However, presence of snowberry, blackberry, and big leaf maple suggest upland riparian.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: WB-A
Data Sheets: None

Location: T7S, R3W, Section 29, north of Hwy 22

Classification: R4

Hydrologic Basin: West Bank

Wetland Area: linear

Soil: Jovy silty clay loam, Woodburn silty clay loam

Dominant Vegetation:

Species	**Stratum** (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Impacted or degraded
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation: Not appropriate

Comments: Intermittent drainage that carries water during storm events.

WETLAND SUMMARY SHEET

Date of Field Verification: Offsite

Wetland ID: WB-B
Data Sheets: None

Location: T7S, R3W, Section 21, west of Wallace Rd.

Classification: R4

Hydrologic Basin: West Bank

Wetland Area: linear

Soil: Ritner gravelly silty clay loam

Dominant Vegetation:

Species	Stratum (T=tree, Sh=shrub, GC=Ground cover)

Function/Value Summary:

Wildlife Habitat: Impacted or degraded
Water Quality: Impacted or degraded
Sensitivity to Impact: Potentially sensitive
Education: Not appropriate
Aesthetic Quality: Not pleasing

Fish Habitat: N/A
Hydrologic Control: Impacted or degraded
Enhancement Potential: Moderate
Recreation:

Comments: Intermittent drainage.

Offsite DA 93-0149

Mill Creek Subwatershed

Wetland Identifier	MC-A	MC-B	MC-C	MC-D	MC-E	MC-F	MC-G	MC-H	MC-I	MC-J	MC-K	MC-L	MC-M	MC-N	MC-O
Wetland Type	R2	R2	PEM	PEM	PEM, PUB	PFO, PEM, pond	PEM, PSS	PFO	FW	R2, PFO	PFO, FW, PEM	PEM	PSS, R2, PEM, PUB	PFO, PEM, PSS, pond	PFO, PSS, PUB
Wetland Acreage	linear	linear	0.51	0.82	2.57	4.48	7.4	1.34	0.42	7.1	5.38	7.1	2.6	22.24	44.53
Wildlife Habitat	NA	NA							NA		NA				
Question 1			c	c	c	a	a	b		a	Under	c	a	a	a
Question 2			b	b	b	b	c	a		a	Construction	c	a	a	a
Question 3			c	c	c	c	b	c		c		c	b	a	a
Question 4			c	c	c	a	NA	NA		b		NA	a	NA	a
Question 5			b	b	a	b	b	a		a		b	a	b	a
Question 6			b	b	a	b	a	a		a		b	a	b	a
Question 7			a	a	a	NA	NA	NA		a		NA	a	a	a
Question 8			a	a	a	a	c	c		a		c	a	a	a
Question 9			c	c	c	b	c	c		b		b	a	c	a
Assessment Descriptor			*Provides some*	*Provides some*	*Provides some*	*Provides some*	*Provides some*	*Provides some*		*Diverse*		*Provides some*	*Diverse*	*Diverse*	*Diverse*
Fish Habitat															
Streams and Rivers															
Question 1			NA	NA	NA		NA	NA		a		NA	a	NA	a
Question 2										a			b		a
Question 3										b			b		b
Question 4										a			a		a
Question 5										a			a		a
Question 6										a			a		a
Lakes and Ponds															
Question 1						b									
Question 2						c									
Question 3						b									
Question 4						NA									
Question 5						a									
Question 6						b									
Assessment Descriptor						*Impacted*				*intact*		*NA*	*Intact*	*NA*	*Intact*
Water Quality															
Question 1			b	b	b	c	a	c		a		b	a	b	a
Question 2			a	a	a	a	a	a		c		a	b	a	a
Question 3			c	c	c	c	a	a		a		a	a	a	a
Question 4			b	b	b	b	b	b		a		a	a	a	a
Question 5			c	c	c	c	a	a		c		a	c	c	c
Question 6			NA	NA	NA	NA	c	NA		a		NA	a	a	a
Assessment Descriptor			*Impacted*	*Impacted*	*Impacted*	*Impacted*	*Intact*	*Impacted*		*Impacted*		*Intact*	*Impacted*	*Intact*	*Intact*
Hydrologic Control															
Question 1			a	a	b	a	b	b		a		a	a	a	a
Question 2			a	a	a	a	a	a		b		a	c	a	a
Question 3			b	b	b	b	b	b		a		a	a	a	a
Question 4			a	a	c	a	c	b		c		a	c	a	c
Question 5			b	c	c	b	c	a		a		c	a	a	a
Question 6			c	c	a	c	a	c		a		a	a	c	c
Question 7			NA	NA	a	a	a	a		a		a	c	c	a
Assessment Descriptor			*Impacted*	*Impacted*	*Impacted*	*Intact*	*Impacted*	*Impacted*		*Intact*		*Intact*	*Intact*	*Intact*	*Intact*