Medford Local Wetlands Inventory and Locally Significant Wetland Determinations

Prepared for

Oregon Division of State Lands

City of Medford

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1.0 Introduction

This report documents the update to the Medford Local Wetlands Inventory (LWI). It also documents the identification of locally significant wetlands in Medford. The purpose of an LWI is to comprehensively identify and map wetlands within a designated area for planning and regulatory purposes. The LWI includes the location and extent of wetlands and an assessment of wetland functions and conditions. This information is used to identify locally significant wetlands (LSW) for local wetlands planning under Statewide Land Use Planning Goal 5, the natural resources goal. State administrative rules require that the LWI be submitted for review and approval by the Division of State Lands (DSL), the state agency with responsibility for wetlands regulation and management. Locally significant wetlands identification and local wetlands planning activities are reviewed by the Department of Land Conservation and Development (DLCD), the state agency responsible for overseeing local land use planning.

Medford has an existing LWI that was completed in 1995 by Brown and Caldwell and Woodward-Clyde Consultants. DSL approved the LWI in 1999 but conditioned approval upon completion of the following revisions within one year (later extended to December 31, 2001):

- Reformat LWI map labels and line work for clarity;
- Delete sites that do not meet wetland criteria. This included wetlands filled under DSL permit after the 1995 LWI and sites identified only as potential wetlands that were later determined not to meet wetland criteria;
- Identify all streams and ponds as waterways, not wetlands, unless they meet the technical criteria for wetlands;
- Refine wetland boundaries based on DSL wetland determinations and DSL-approved wetland delineations by private consultants;
- Revise the wetland function and condition assessment using the 1996 edition of the Oregon Freshwater Wetland Assessment Methodology (OFWAM); and
- Use the DSL administrative rules for identifying significant wetlands when completing planning for wetlands under state land use planning requirements.

DSL also revised the administrative rules for LWI's in 2001, updating the mapping standards and documentation requirements and adding a new requirement to map potential wetland mitigation and restoration sites. The updated LWI includes the revisions required under the conditional approval as well as additions to meet the current LWI administrative rules.

1.1 Definitions

"Wetlands" are those areas that are inundated or saturated by surface or ground water at a frequency or duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions (OAR 141-086-0200). Wetland characteristics and indicators include wetland hydrology, hydric soils and hydrophytic vegetation.

"Wetland hydrology" refers to the hydrologic characteristics of areas that are periodically inundated or have soils saturated to the surface at some time during the growing season. The presence of wetland hydrology has an overriding influence on soil and vegetation development due to anaerobic conditions.

"Hydric soils" are soils that formed under conditions of saturation, flooding or ponding long enough during the growing season to develop anaerobic conditions in the upper part. The concept of hydric soils includes soils developed under sufficiently wet conditions to support the growth and regeneration of hydrophytic vegetation. Soils that are sufficiently wet because of artificial measures are included in the definition of hydric soils.

"Hydrophytic vegetation" or "hydrophytes" are plant species that have special adaptations for life in permanently or seasonally saturated soils.

Wetland science, management and regulation include a variety of technical terms and acronyms used to describe the resources and the pertinent agencies, laws and regulations. Terms and acronyms used in this report are defined in the glossary.

1.2 LWI Uses and Limitations

The LWI maps and supporting information, wetland function and condition assessments, and locally significant wetlands determinations are useful for a variety of planning and regulatory purposes including local planning for wetlands and riparian corridors under Goal 5 of the statewide land use planning program, wetland identification for the wetland land use notification program, and to make preliminary wetland and waterway jurisdictional determinations under the Oregon Removal-Fill Law and the federal Clean Water Act Section 404 program. Local residents, landowners, watershed councils, government agencies, developers, resource professionals and others can use the LWI information to plan for sustainable development, wetland mitigation, water quality improvement, species recovery, habitat restoration, recreation and open space acquisition.

1.2.1 Goal 5 Land Use Planning

Local governments are required to use the LWI and list of significant wetlands when completing the requirements of state planning Goal 5. The purpose of Goal 5 is to protect natural resources and conserve scenic and historic areas and open spaces. The goal requires local governments to adopt programs that will protect natural resources, including locally significant wetlands.

1.2.2 Wetland Land Use Notification

Cities and counties are required to check LWI maps (or less precise National Wetlands Inventory maps if there is no LWI) when reviewing development proposals and notify the applicant, landowner and DSL when a proposed development site contains a mapped wetland. DSL reviews the information and additional maps, and within 30 days notifies the local government, the applicant and the landowner if a state removal-fill permit may be required.

1.2.3 Preliminary Jurisdictional Determinations for State and Federal Regulatory Programs

LWI maps identify wetlands, streams and other waters potentially subject to permit requirements under the Oregon Removal-Fill Law, administered by DSL and the federal Clean Water Act Section 404 program, administered by the U.S. Army Corps of Engineers (COE). The maps can be used as preliminary jurisdictional determinations, i.e. as an initial source of information on the presence and locations of potentially regulated wetlands and waterways. LWI maps are not adequate for regulatory purposes due to the limitations of the inventory methods, small map scale and because wetlands less than 0.5 acres in size are generally not mapped. Site-specific jurisdictional determinations can only be made by the regulatory agencies.

Note: Some DSL-approved wetland delineations were included on the Medford LWI maps. The original wetland delineation maps are more precise and should be used for site-specific planning.

The minimum size threshold for wetland mapping was 0.5 acres in most cases. Smaller wetlands in DSL-approved wetland delineation reports were also included on the LWI maps because DSL has already made jurisdictional determinations for these sites. Other wetlands smaller than 0.5 acres that were noted during the LWI process were mapped with a point labeled “PW” for “Possible Wetland”. However, there still may be small unmapped wetlands within the study area. Areas along streams, ponds or other waterways and areas with mapped hydric soils or Agate-Winlo complex soils (vernal pool soils) are the most likely areas to contain small unmapped wetlands.

Channels identified as “streams” on the LWI maps appear to meet the DSL definition for natural waterways (which includes channelized, rerouted, dammed or otherwise altered streams) and should be considered subject to state and federal permit requirements pending site-specific jurisdictional determination by the regulatory agencies. Ponds, ditches and other waters that have been created in areas of mapped hydric soils or Agate-Winlo complex (vernal pool) soils or have been created on stream channels generally are regulated by DSL as well. Other ponds and ditches may be regulated by DSL and/or COE, depending on site-specific conditions.

Prior to site development or alteration activities such as clearing, grading, excavation, ditching, channel modifications, fill material placement or other potentially regulated activities the jurisdictional boundaries of all wetlands and other waters should be located and marked in the field. The City of Medford Planning Department, DSL and COE can be contacted for assistance in making jurisdictional determinations and locating wetland and waterway boundaries for regulatory purposes. On-site wetland delineation by qualified professionals may be required to meet state and federal regulatory requirements. In all cases on-site conditions determine wetland jurisdictional locations for regulatory purposes.

2.0 Study Methods

Joel Shaich, a certified Professional Wetland Scientist, produced the LWI. A qualifications summary is in Appendix A.

Methods for local wetland inventories, wetland function and condition assessments and locally significant wetlands determinations are prescribed in the following Oregon Administrative Rules (OARs):

- *Local Wetlands Inventory Standards and Guidelines* (OAR 141-86-180 to 240)
- *Identifying Significant Wetlands* (OAR 141-86-300 to 350)
- *Procedures and Requirements for Complying With Goal 5* (OAR 660-23-100)

A draft report containing the local wetland inventory, wetland function and condition assessment and locally significant wetlands determinations was completed in November 2001 and provided to the Division of State Lands and the City of Medford for review and comment. The City made the draft report available to the general public, provided written notification to all landowners with mapped wetlands and solicited review comments at a public workshop in December 2001. Additional site visits were made following the public workshop at the request of landowners. In addition, an aerial photograph of the study area taken in June 2001 was obtained after completion of the draft report. The aerial photo was used to note changes to wetlands that occurred after the March 1998 aerial photo used for the draft report and to refine the wetland mapping. All of the additional information obtained after completion of the draft report has been reviewed and used in the final report, as appropriate.

Specific procedures used to complete the Medford LWI and identify locally significant wetlands are described in the following sections.

2.1 Local Wetlands Inventory

A Local Wetland Inventory (LWI) is a systematic survey of an area to identify, characterize, and map the approximate boundaries of wetland resources. Inventory methodology is defined in OAR 141-86-180 through 141-86-240.

2.1.1 Identification of Potential Wetlands

Potential wetlands are areas identified from off-site sources that have one or more wetland characteristics. Potential wetlands are candidates for field-verification to determine if they meet wetland criteria. Only potential wetland sites 0.5 acres and larger were field verified in accordance with LWI mapping standards.

The following information sources were reviewed to identify potential wetlands:

- DSL regulatory files including permit files, DSL wetland determinations and private consultant wetland delineations submitted for DSL review.
- Available wetland delineations by private consultants that have not been reviewed by DSL.

- *Local Wetlands Inventory (LWI) and Oregon Freshwater Assessment Method (OFWAM) Analysis, City of Medford*, 1995, prepared by Brown and Caldwell and Woodward-Clyde Consultants is the existing City of Medford LWI conditionally approved by DSL in 1999. Maps are at a 1:9,600 scale. The mapping was also provided in digital format by the City of Medford.
- Vernal Pool Complexes of the Rogue Valley, undated, presumably 2001, digital copy of map produced by Siskiyou Resource Geographics for the Rogue Valley Council of Governments.
- Black and white aerial photography taken March 11, 1998. Provided in digital format by the City of Medford. Maximum viewable resolution was 1:600.
- True color aerial photography taken June 13, 2001. Provided in digital format by Jackson County. Maximum viewable resolution was 1:1200.

  Note: This photography was obtained after completion of the draft report. It was used to note changes to wetlands and waterways that occurred after the March 11, 1998 aerial photograph and to refine the wetland boundary mapping.
- Hydrological features mapping generated from March 5, 1998 aerial photographs. Provided in digital format by the City of Medford.
- *Soil Survey of Jackson County Area, Oregon*, 1993, US Department of Agriculture (USDA). Soils maps are at a 1:20,000 scale. A digital version of the soils mapping was also used.
- National Wetlands Inventory (NWI) maps produced by the US Fish and Wildlife Service (USFWS) at a scale of 1:24,000. Maps used included the Medford East, Medford West, Sams Valley and Eagle Point quadrangles. Wetlands on the maps were identified from aerial photographs taken in 1982. Digital versions of the NWI mapping were also used.
- Topographic quadrangle maps produced by the US Geological Survey (USGS) at a scale of 1:24,000. Maps used included the Medford East, Medford West, Sams Valley and Eagle Point quadrangles.
- Topographic contour mapping (0.5 meter interval) generated from March 5, 1998 aerial photographs, provided in digital format by the City of Medford.

2.1.2 Verification of Potential Wetlands

Verification of potential wetlands was conducted using the Corps of Engineers Wetland Delineation Manual (Environmental Laboratory 1987) and applicable federal and state guidance documents. A field verification form was prepared for each site that included a map with the March 11, 1998 aerial photograph and tax lot boundaries. The maps were printed at 1:1,200 or 1:2,400 scales, depending on the size of the site. Sample plot data and wetland mapping from wetland delineation reports and the 1995 LWI was available for approximately one half of the potential wetlands and was used to calibrate the aerial photograph interpretations. Observations of vegetation, soils, hydrology and other notes were made on the field verification forms and wetland boundaries were hand-drawn on the maps. Ground photographs were also taken.

Field verification was conducted from May 13 to May 24, 2001. Medford experienced a severe drought for the 2000-2001 water year. As of May 1, 2001 rainfall levels in the Rogue Basin were 53% of normal and stream flow levels were 28% of normal (Oregon Climate Service 2001). Wetlands generally lacked direct indicators of hydrology (ponding, soil saturation) and some plant species were dried out and difficult to identify.

A small number of sites were visited with landowners in December 2001 in response to questions and concerns raised following public review of the draft report. Landowner information and field observations were used to refine the wetland mapping and descriptions.

Site access was obtained on an individual basis. Not all potential wetland locations were accessible or visible. Inaccessible sites were verified by off-site methods that included interpretation of aerial photography and, when possible, observations from adjacent publicly accessible sites.

2.1.3 Wetlands Mapping

Wetlands maps were created digitally using ArcView™ v. 3.2a mapping software. Wetlands with DSL-approved wetland delineations were transferred from maps in the delineation reports using a digitizing tablet. Delineation maps were of varying scales from 1:1,200 to 1:9,600. Tax lot boundaries were used as a georeference in most cases to locate and orient the digitized wetlands. In a few cases tax lot boundaries were not on the delineation maps; roads or other features were used as references for those sites.

All other verified wetlands were digitized on-screen from the 1998 aerial photographs using the paper field maps as a reference. Topographic contours, soils, hydrological features and NWI wetlands were displayed on-screen during digitizing as additional reference information.

Each discrete wetland polygon was given a code. The code format is AA-W01 where the first two letters are the drainage basin code, "W" indicates wetland, and the number is the unique identification number. Wetlands were numbered beginning at the downstream end of each basin and increasing upstream. Nineteen additional wetlands were added following review of the draft report and code numbers were assigned sequentially in each drainage basin. Three wetlands (EK-W03, EK-W12 and EK-W13) were removed from the LWI maps following review of the draft report and their codes were not used.

The digital aerial photographs and the digital tax lot layer do not align accurately in portions of the study area. The horizontal alignment error was typically 15-20 feet, up to a maximum of 40 feet. Consequently, some wetlands digitized from delineation reports (using tax lot boundaries as a georeference) did not align correctly with wetlands digitized from the air photos. Minor post-digitizing adjustments to affected wetlands were made to compensate.

2.1.4 Wetlands Smaller Than 0.5 Acres

Wetlands smaller than 0.5 acres with DSL-approved wetland delineations were digitized and mapped as described in the previous section. Additional wetlands smaller than 0.5 acres were identified during the inventory process, primarily from aerial photographs and from wetland delineations by private consultants that had not been reviewed by DSL.

These sites were mapped as points labeled PW for "Possible wetland". No attempt was made to field verify these sites.

2.1.5 Other Waters Mapping

Medford waterways include wetlands, ponds, streams, irrigation canals and ditches. Ponds 0.5 acres and larger were mapped as wetlands using the procedures described in the preceding sections. All other waterways were mapped using the Medford hydrological features digital data layer as a base. Ponds smaller than 0.5 acres were mapped by transferring all polygon features smaller than 0.5 acres directly from the hydrological features data layer to the LWI maps. Streams were mapped by using aerial photographs, 0.5 meter interval topographic contour mapping, the USGS quadrangle maps, NWI maps and the Medford Drainage Master Plan (Brown and Caldwell 1996) to identify linear features in the hydrological features data layer that appeared to be natural streams (including channelized, rerouted, dammed or otherwise altered streams). The identified linear features were transferred to the LWI maps. A small number of additional stream segments not in the hydrological features data layer were also identified and hand digitized. The June 13, 2001 aerial photographs were reviewed and observed changes to streams from the hydrological features data layer were added by editing the LWI maps. Irrigation canals were identified in the hydrological features data layer from the 1995 LWI, the Bear Creek Watershed map and aerial photographs and mapped by transferring the appropriate linear features to the LWI maps. All linear features in the hydrological features data layer were transferred directly to the LWI maps and labeled "ditches, other waters".

2.1.6 Map Completion

The LWI maps include wetlands, wetland/upland mosaics, possible wetlands (point locations), streams, ponds (less than 0.5 acres), irrigation canals and ditches. Areas that have DSL-approved delineations are shown on the maps and labeled with DSL file numbers for reference. Additional map features include the urban growth boundary drainage basins, public land survey system (section boundaries), railroads, structures and paved and graveled areas. The LWI maps include eight map sheets at a scale of 1:7,200 (1 inch = 600 feet) and an index map at a scale of 1:24,000.

2.2 Wetlands Assessment

Wetland functions and conditions were assessed using the Oregon Freshwater Wetland Assessment Methodology (OFWAM) (Roth et al. 1996). The steps in completing the assessment are shown in Figure 1.

Wetlands that are uncommon, already in a resource management plan, or protected by regulatory rules or statutes are identified as "wetlands of special interest for protection". This includes any wetlands in the study area that meet the following criteria:

- contain or provide critical habitat for species that are rare, threatened, or endangered;
- dedicated as a state or federal natural area or natural heritage conservation area;
- dedicated as a Nature Conservancy Preserve;

- of regional or national significance for migratory birds;
- protected by local management plans under Goal 5 or 17;
- designated a State Outstanding Resource Water;
- in a protected area in a park management plan;
- protected mitigation site;
- federal restoration or conservation reserve program; or
- rare or unique in Oregon.

A variety of federal, state, local and non-profit agencies, reference materials and internet sites were the sources of information to identify wetlands of special interest for protection.

The general OFWAM assessment is based on a watershed characterization and a site-specific wetland characterization that requires field observation and measurement. The watershed characterization required collecting information on the watershed setting, drainage basins, land uses within the watershed, water quality, and biologic characteristics of the watershed. For the wetland characterization wetlands were grouped into assessment units according to the guidance in OFWAM. Assessment units were numbered by drainage basin starting with Swanson Creek and working clockwise around the study area. The unit numbers go from 1 to 53 with two numbers not used in the final report. Units 46 and 49 were deleted. Unit 46 included wetland site EK-W03 that was deleted from the inventory following review of the draft report. Unit 49 included wetland site EK-W09 that had a DSL-approved wetland delineation after completion of the draft report and was determined to be less than 0.5 acres in size, below the threshold for assessment. The wetland characterization included information on wetland structure and relationship to the surrounding landscape, wetland habitat, fisheries habitat, wetland hydrology, public access, recreation and aesthetics. The watershed and wetland characterization information was obtained from state and local agencies, reference materials, internet sites and by using GIS analysis. Digital data for the analysis was obtained from the City of Medford, Jackson County and a number of state agencies. Some of the wetland characterization questions can only be answered in the field. A field data form was developed for these questions and completed for each site during field verification.

Wetlands smaller than 0.5 acres in size were not assessed. Wetlands 0.5 acres and larger that were unvegetated ponds were also not assessed in accordance with DSL guidance. Wetlands EK-W16 and EK-W17 were added after completion of the draft report but were not assessed because they were determined to be exempt from the locally significant wetland criteria.

The watershed and wetland characterization information was used to evaluate wetlands for nine functions and conditions: wildlife habitat, fish habitat, water quality, hydrologic control, education, recreation, aesthetic quality, sensitivity to impact and enhancement potential (Table 1). For each wetland the watershed and wetland characterization information was used to answer a set of questions for each function and condition. Assessment criteria for each function and condition was applied to the answers and the

result was a description of the level of function or condition provided by the wetland. There are three possible levels for each function and condition. For example, a wetland's wildlife habitat function can be described as *provides diverse habitat for wildlife*, *provides habitat for some wildlife species*, or *lost or not present*.

Table 1. OFWAM Wetland Functions and Conditions

Wetland Function/Condition	Definition	Assessment Result Descriptions
Wildlife habitat	Evaluates the habitat diversity for species typically associated with wetlands and wetland edges. No single species is emphasized.	1. Provides diverse habitat for wildlife
		2. Provides habitat for some wildlife species
		3. Lost or not present
Fish habitat	Evaluates how the wetland contributes to fish habitat in streams, ponds or lakes associated with the wetland either warm water and coldwater fisheries. No single species or group of species is emphasized.	1. Intact
		2. Impacted or degraded
		3. Lost or not present
Water quality	Evaluates the potential of a wetland to reduce the impacts that excess nutrients in storm water runoff will have on downstream waters.	1. Intact
		2. Impacted or degraded
		3. Lost or not present
Hydrologic control	Evaluates the effectiveness of a wetland in storing floodwaters and reducing downstream flood peaks.	1. Intact
		2. Impacted or degraded
		3. Lost or not present
Sensitivity to impact	Evaluates the susceptibility of a wetland to secondary effects of impacts.	1. Not sensitive to future impacts
		2. Potentially sensitive to future impacts
		3. Sensitive to future impacts
Enhancement potential	Evaluates the suitability of a degraded wetland site for enhancement.	1. High enhancement potential
		2. Moderate enhancement potential
		3. Little enhancement potential
Education	Evaluates the suitability of a wetland as a site for an "outdoor classroom."	1. Has educational uses
		2. Potential for education uses
		3. Not appropriate for educational uses
Recreation	Evaluates the suitability of the wetland and associated watercourses for non-powered boating, fishing and similar recreational activities.	1. Provides recreational opportunities
		2. Potential to provide recreation opportunities
		3. Not appropriate/does not provide recreational opportunities
Aesthetic quality	Evaluates the visual and aesthetic quality of the wetland.	1. Pleasing
		2. Moderately pleasing
		3. Not pleasing

2.3 Locally Significant Wetlands Determinations

Wetlands were reviewed to determine if they met state criteria as locally significant wetlands (LSW). The criteria for identifying LSW are in DSL administrative rules (OAR 141-86-300 to 141-86-350) and rely on the results of the OFWAM assessment, the Wetlands of Special Interest for Protection results and other information (Table 2). Certain types of wetlands are excluded outright and are not reviewed under the LSW criteria. These include certain artificially created wetlands, ponds, and ditches as well as wetlands contaminated with hazardous materials. All other wetlands are reviewed under the mandatory criteria. A local government may also apply two optional criteria at its discretion.

Table 2. Locally Significant Wetlands Criteria

Mandatory Criteria

(a) The wetland performs at any of the following functional levels based on the OFWAM assessment:

(A) "Diverse" wildlife habitat; or

(B) "Intact" fish habitat; or

(C) "Intact" water quality function; or

(D) "Intact" hydrologic control function.

(b) The wetland or a portion of the wetland occurs within one-fourth mile from a water quality limited water body (DEQ 303 (d) list), and the wetland's water quality function is described as "intact" or "impacted or degraded" using OFWAM.

(c) The wetland contains one or more rare plant communities.

(d) The wetland is inhabited by any species listed by the state or federal government as sensitive, threatened or endangered.

(e) The wetland has a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids, and the wetland is determined to have "intact" or "impacted or degraded" fish habitat function using OFWAM.

Optional Criteria

At the discretion of the local government, wetlands that meet one or more of the following criteria may be identified as locally significant wetlands:

(a) The wetland represents a locally unique native plant community: wetland is or contains the only representative of a particular native wetland plant community in the urban growth boundary or unincorporated urban center

(b) The wetland is publicly owned and determined to "have educational uses" using OFWAM, and such use by a school or organization is documented for that site.

Source: OAR 141-86-350

3.0 Study Area Characteristics

3.1 Location and Size

The study area is the Medford Urban Growth Boundary (UGB) and is located in Jackson County, Oregon approximately 30 miles north of the California/Oregon border at the intersection of Interstate 5 and State Highway 62 (Figure 2). The Medford city limits currently include 13,072 acres (20.4 square miles). The UGB includes additional areas outside the city limits for a total study area of 18,096 acres (28.3 square miles).

3.2 History

Medford was incorporated as a town on February 24, 1885. Once primarily dependent on timber and agriculture, Medford is now a regional trade and service center. Medford is the largest city in Southern Oregon and the seat of Jackson County government. The current population is over 63,000 (City of Medford 2001).

The 1990s were a period of particularly rapid population and economic growth with extensive housing construction, growth in retail outlets, medical and other service facilities, and increasing tourism and recreational-based economic activity. Medford's population increased 34% from 1990 – 2000 (Portland State University 2001).

3.3 Landscape Setting and Topography

Medford is located in the Bear Creek Valley, a north-south trending valley south of the Rogue River. The valley is bordered by the Klamath Mountains to the west and the Cascade Range to the east. Most of the city is on the flat valley floor. Eastern portions of the study area include small hills and the foothills of the Cascade Mountains. Elevations range from approximately 1300 feet above sea level along Bear Creek on the valley floor to 3000 feet on the slopes along the eastern edges of the study area (Figure 3).

3.3.1 Climate, Precipitation and Growing Season

Medford's climate is characterized by cool winters and hot summers. Average winter temperature is 39 degrees with an average daily minimum of 31 degrees. Snowfall averages 10.2 inches annually. Summer temperatures average 70 degrees with an average daily maximum of 86 degrees. Rainfall averages 20 inches per year. Summer rainfall is extremely light with more frequent rains from late fall through spring (USDA 93).

Growing season start and end dates are based on USDA estimates of 28-degree air temperature thresholds at a frequency of 5 years in 10. For Medford the USDA estimates that the growing season begins April 7 and ends November 3, a period of 211 days (USDA 93).

3.4 Hydrology

The study area is in the Middle Rogue Hydrologic Unit of the Rogue River Drainage Basin (Figure 4). Most of the Medford UGB is within the Bear Creek watershed. The northeast portion of the UGB is drained by Midway and Swanson Creeks that are tributaries of the Rogue River. There are portions of eleven local drainage basins in the study area (Figure 5). Bear Creek is the dominant hydrological feature in the area.

Primary tributaries include Lone Pine Creek, Lazy Creek, Larson Creek Crooked Creek and Elk Creek. A portion of the Griffin Creek drainage basin is in the west edge of the UGB but Griffin Creek itself is outside the UGB. Minor tributaries include Gore Creek and Hanson Creek.

Streams in the study area have all been extensively modified through channelization, underground piping and removal of riparian vegetation. The lower reaches of Elk Creek and Crooked Creek pass through downtown Medford and enter Bear Creek through underground pipes. Large sections of Midway, Lone Pine, and Larson Creeks are in underground pipes as they pass through developed areas (Brown and Caldwell 1996).

Medford Irrigation District, Rogue River Irrigation District and Talent Irrigation District maintain an extensive network of irrigation canals and irrigation/drainage ditches throughout much of the study area. There are also over 160 small ponds (smaller than 0.5 acres in size). Most of the ponds were probably created for farm and stock watering.

All of the streams in the study area are interconnected with the system of canals and ditches used for irrigation. Irrigation water is supplied by the Emigrant Lake Reservoir located on Emigrant Creek, a Bear Creek tributary upstream of the study area, and by Agate Reservoir, which is located downstream from the study area. The irrigation districts also use water from reservoirs in the Klamath Basin. Stream flows are managed as part of the irrigation delivery system from April to October. Stream channels are used in conjunction with irrigation canals and ditches to deliver water to users. Stream flows are augmented during the irrigation season through the conveyance of irrigation water and from irrigation runoff that drains to the streams. The City of Medford Public Works Department and the irrigation districts also use the stream channels to convey stormwater runoff during the winter and early spring (November to March). (Jeff Eicher, Rogue River Irrigation District).

3.5 Soils

Hydric soils and soils with hydric inclusions are summarized in Table 3. Hydric soil series mapped in the study area include Cove clay (35A), Gregory silty clay loam (76A), Padigan clay (139A), Phoenix clay (141A) and Riverwash (154) (USDA 1993).

Cove clay is a deep, poorly drained soil on flood plains that formed in clayey alluvium. Soil matrix colors between 0 and 12 inches below ground surface range from black to very dark gray (10YR 2/1 and 10YR 3/1). A seasonal water table occurs within 1 foot of the surface from December through June.

Gregory silty clay loam is a deep, poorly drained soil on stream terraces that formed in silty alluvium. Soil matrix colors between 0 and 12 inches below ground surface range from very dark grayish brown to dark olive brown (10YR 3/2 and 10YR 5/2). A seasonal water table occurs within 1 foot below ground surface from December through May.

Padigan clay is a very deep, poorly drained soil that occurs in basins and formed in clayey alluvium. The soil matrix color between 0 and 12 inches below ground surface is usually dark gray (N 3/0). The seasonal water table varies from 1 foot above to 0.5 foot below ground surface from November through May.

Phoenix clay is a moderately deep, poorly drained soil on alluvial fans. Soil matrix color between 0 and 12 inches below ground surface is usually dark gray (10 YR 4/1). A seasonal water table occurs within 0.5 feet below ground surface from December through May.

Riverwash is a deep, excessively drained to very poorly drained soil formed by recently deposited alluvium along rivers and streams. Soils are very cobbly, extremely cobbly or extremely gravelly sand. The soils are subject to flooding during storm events.

Several soil series with inclusions of hydric soils or "wet spots" are also present within the study area. Hydric inclusions are common in the Coker clay series (33A). Coker clay is a very deep, somewhat poorly drained soil on alluvial fans that formed in clayey alluvium. Soil colors between 0 and 12 inches are very dark gray (10YR 3/1 and 10YR 4/1). The seasonal water table fluctuates between 0.5 to 1.5 feet below the surface from December through April.

Table 3. Soils Mapped in the Study Area With Hydric Components

Hydric Soils	
35A	Cove Clay, 0 - 3 percent slopes
76A	Gregory Silty Clay Loam, 0 - 3 percent slopes
139A	Padigan Clay, 0 - 3 percent slopes
141A	Phoenix Clay, 0 - 3 percent slopes
154	Riverwash
Soils with Hydric Inclusions or "Wet Spots"	
17C	Brader-Debenger Loams, 1 - 15 percent slopes (wet spots)
23A	Camas-Newberg-Evans Complex, 0 - 3 percent slopes (wet spots, hydric inclusions - adjacent to streams)
27B	Carney Clay, 1 - 5 percent slopes (wet spots, inclusions of Phoenix soil - in depressions)
33A	Coker Clay, 0 - 3 percent slopes (inclusions of Phoenix soil - in depressions)
33C	Coker Clay, 3 - 12 percent slopes (inclusions of Phoenix soil - in depressions)
44C	Debenger-Brader Loams, 1 - 15 percent slopes (wet spots)
127A	Medford Silty Clay Loam, 0 - 3 percent slopes (inclusions of Cove soil, wet spots - in depressions)
157B	Ruch Silt Loam, 2 - 7 percent slopes (wet spots, inclusions of wet soil - in depressions and along streams)
158B	Ruch Gravelly Silt Loam, 2 - 7 percent slopes (inclusions of wet soil, wet spots - in depressions and along streams)

Source: Soil Survey of Jackson County Area, Oregon. USDA 1993

Table adapted from Local Wetlands Inventory (LWI) and Oregon Freshwater Assessment Method (OFWAM) Analysis, City of Medford, October 1995, prepared by Brown and Caldwell and Woodward-Clyde Consultants

3.6 Vegetation

Aerial photographs and field observations show that native plant communities in Medford have been altered by grazing, farming and urban development activities. Remnant native plant communities include Oregon white oak savanna on the undeveloped slopes in the eastern portions of the study area and riparian areas along Bear Creek. Dominant plant species associated with Medford wetlands are listed in Table 4.

Table 4. Dominant Plant Species Associated with Medford Wetlands

Common Name	Scientific Name	Wetland Indicator Status*
	TREES	
Black cottonwood	Populus balsamifera spp. trichocarpa	FAC
California black oak	Quercus kelloggii	NOL
Oregon ash	Fraxinus latifolia	FACW
Oregon white oak	Quercus garryana	NOL
Red alder	Alnus rubra	FAC
White alder	Alnus rhombifolia	FACW
Willow	Salix sp.	-
	SHRUBS	
Choke cherry	Prunus virginiana	FACU
Clustered rose	Rosa pisocarpa	FAC
Himalayan blackberry	Rubus discolor	FACU
Willow	Salix sp.	-
	HERBS	
Spreading rush	Juncus patens	FACW
Bedstraw	Galium sp.	-
Black mustard	Brassica nigra	NI
Bulbous bluegrass	Poa bulbosa	NI
California burclover	Medicago polymorpha	NOL
Cat's ear	Hypochaeris radicata	-
Cinquefoil	Potentilla sp.	-
Common burdock	Arctium minus	NOL
Common camas lily	Camassia quamash	FACW
Common cattail	Typha latifolia	OBL
Creeping buttercup	Ranunculus repens	FACW
Desert parsley	Lomatium sp.	-
Field mustard	Brassica campestris	NOL
Filaree	Erodium cicutarium	NOL
Meadow foxtail	Alopecurus pratensis	FACW

Table 4. Dominant Plant Species Associated with Medford Wetlands (continued)

Common Name	Scientific Name	Wetland Indicator Status*
Periwinkle	Vinca major	NOL
Poison hemlock	Conium maculatum	FAC+
Popcorn flower	Plagiobothrys sp.	-
Reed-canary grass	Phalaris arundinacea	FACW
Sedge	Carex sp.	-
Self-heal	Prunella vulgaris	FACU+
Six-weeks brome grass	Vulpia bromoides	FACU-
Slough sedge	Carex obnupta	OBL
Soft rush	Juncus effusus	FACW
Speedwell	Veronica sp.	-
Squirrel-tail barley	Hordeum jubatum	FAC
Tall fescue	Festuca arundinacea	FAC-
Teasel	Dipsacus sylvestris	FAC
Thistle	Cirsium sp.	-
Two-color lupine	Lupinus bicolor	-
Velvet grass	Holcus lanatus	FAC
Water foxtail	Alopecurus geniculatus	OBL
Willow herb	Epilobium sp.	-

Table adapted from Local Wetlands Inventory (LWI) and Oregon Freshwater Assessment Method (OFWAM) Analysis, City of Medford, October 1995, prepared by Brown and Caldwell and Woodward-Clyde Consultants

***Wetland Indicator Status**

The U.S. Fish and Wildlife Service National Wetlands Inventory program has assigned a "wetland indicator status" to plant species that occur in wetlands using the following codes. The wetland indicator status is an estimated probability of the frequency of the plant species occurrence in wetlands.

OBL: Obligate wetland plants almost always (estimated probability >99%) occur under natural conditions in wetlands.

FACW: Facultative Wetland plants usually occur in wetlands (estimated probability 67-99%), but are occasionally found in non-wetlands.

FAC: Facultative plants are equally likely to occur in wetlands or non-wetlands (estimated probability 34-66%).

FACU: Facultative Upland plants usually occur in non-wetlands (estimated probability 67-99%), but are occasionally found in wetlands (estimated probability 1-33%).

NOL: Not On List plants occur almost always under natural conditions in non-wetlands, and are considered representative of upland habitats.

NI: No Indicator-no status determined

4.0 Local Wetlands Inventory Results

4.1 Wetlands

Total wetland acreage mapped was 292.73 acres. Individual wetland codes were assigned to 134 wetland areas (polygons). Groups of two or more contiguous wetland areas of the same type and/or hydrologically connected were considered a single wetland and described together on one wetland summary sheet (Appendix B). The net result was seventy-two wetlands 0.5 acres or larger. Nine of the wetlands were mapped as wetland/upland mosaics and made up 90 acres of the total (Table 5). Sixteen of the wetlands were excavated ponds with little or no wetland vegetation that were constructed for log storage, irrigation supply, golf course water hazards or for industrial activities. These excavated ponds made up 29 acres of the total wetland acreage (Table 6). Wetlands smaller than 0.5 acres mapped from DSL-approved wetland delineations made up 5 acres of the total. The wetlands are mapped on eight LWI map sheets at a scale of 1:7,200 (1 inch = 600 feet) and an index map at a scale of 1:24,000 (Appendix C).

4.2 Possible Wetlands

Fifty-five possible wetlands (areas smaller than 0.5 acres with wetland characteristics) were mapped as points and labeled "PW" on the LWI maps. No attempt was made to field verify possible wetlands.

Table 5. Wetland/Upland Mosaics

Wetland Code(s)	Size (acres)	Comments
BE-W01	14.49	Vernal pool complex
CR-W01	41.26	Partially drained
MD-W13	1.59	Vernal pool complex
MD-W26	8.99	Vernal pool complex
MD-W39	14.77	Vernal pool complex
MD-W44	8.03	Vernal pool complex
MD-W51, MD-W52, MD-W53	1.09	Vernal pool complex
Total	90.22	

Table 6. Excavated Ponds (0.5 Acres and Larger)

Wetland Code(s)	Size (acres)	Purpose
BS-W17	1.21	Golf course water hazard
BS-W18	0.80	Golf course water hazard
BS-W19	0.60	Golf course water hazard
CR-W02	1.31	Golf course water hazard
CR-W03	0.71	Golf course water hazard
CR-W04	0.51	Irrigation supply
EK-W15	11.31	Log pond
EK-W18	3.75	Log ponds
LA-W07	1.71	Irrigation supply
LA-W08	1.24	Irrigation supply
LZ-W08	0.99	Golf course water hazard
MD-W55	2.11	Irrigation supply
MD-W57	0.81	Concrete works
MD-W58	0.60	Golf course water hazard
MD-W59	0.62	Golf course water hazard
MD-W60	0.64	Golf course water hazard
Total	28.92	

5.0 Wetlands Assessment Results

5.1 Wetlands of Special Interest for Protection

Wetlands MD-W20, MD-W24 and MD-W25 were documented as having Cooks lomatium, a plant species listed as endangered by the State of Oregon and a candidate for federal endangered listing. The population was documented in the Draft Environmental Assessment for the Rogue Valley International-Medford Airport Proposed Improvements (David Evans and Associates, Inc. 1999). The wetlands are located on the airfield.

Wetlands BS-W04, BS-W06 and BS-W09 on Bear Creek appear to include areas of critical habitat for Coho salmon. Critical habitat for Coho salmon was designated by the National Marine Fisheries Service on May 5, 1999 and includes streams, riparian areas and off-channel habitat in the current range of the species. Coho salmon use Bear Creek for spawning and rearing. The three wetlands are within Bear Creek's riparian area and may provide off-channel habitat during high flows.

No other wetlands met any of the other criteria for wetlands of special interest for protection. The full results are in Appendix D.

5.2 Wetland Functions and Conditions Assessment Results

Wetlands assessment results are in Table 7. Wetland function and condition summary sheets for each assessment unit are in Appendix G. Answers to wetland function and condition questions are in Appendix F. Watershed and wetland characterization results are in Appendix E.

Wetlands smaller than 0.5 acres in size were not assessed. Wetlands 0.5 acres and larger that were unvegetated ponds (Table 6) were also not assessed in accordance with DSL guidance. Wetlands EK-W16 and EK-W17 were added after completion of the draft report but were not assessed because they were determined to be exempt from the locally significant wetland criteria.

Table 7. OFWAM Results

Assessment Unit	Wetland Codes	Size (acres)	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality
1	SW-W01	6.65	2	N/A	1	2	2	1	3	2	3
2	SW-W02 SW-W03	2.71	2	1	1	1	2	1	2	3	2
3	MD-W01	4.87	2	2	1	2	2	2	3	3	1
4	MD-W03	1.44	2	2	1	2	2	1	3	2	2
5	MD-W09	4.24	2	2	1	2	2	2	3	3	3
6	MD-W13	1.59	2	N/A	1	2	2	2	3	3	2
7	MD-W16	6.03	2	N/A	1	1	2	2	3	3	2
8	MD-W24 MD-W25	1.74	2	N/A	1	2	2	2	3	3	2
9	MD-W26	8.99	2	N/A	1	2	2	1	3	2	3
10	MD-W27 MD-W28 MD-W29 MD-W30 MD-W31 MD-W32 MD-W33	20.37	2	N/A	1	2	2	1	3	2	2
11	MD-W34	1.05	2	N/A	1	2	2	1	3	3	2
12	MD-W35	1.65	2	N/A	1	2	2	1	3	2	2
13	MD-W39	14.77	2	N/A	1	2	2	1	3	2	2
14	MD-W40	5.18	2	2	1	1	2	1	2	1	2
15	MD-W41	0.54	2	N/A	1	2	2	1	2	1	2
16	MD-W44	8.03	2	N/A	1	1	2	2	3	3	2
17	MD-W46 MD-W47 MD-W48 MD-W49 MD-W50	0.77	2	2	1	2	2	1	2	1	1
18	MD-W51 MD-W52 MD-W53	1.09	2	N/A	2	2	2	2	2	2	3
19	MD-W54	8.77	2	2	1	2	2	1	2	2	3

(see Table 1 for key to results)

Table 7. OFWAM Results (continued)

Assessment Unit	Wetland Codes	Size (acres)	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality
20	MD-W55	2.11	2	2	2	2	2	2	3	2	2
21	MD-W56	1.92	2	N/A	1	2	2	1	1	1	2
22	LP-W01	0.68	2	N/A	1	2	1	2	2	2	2
23	LP-W02	2.53	2	2	2	2	1	2	2	2	2
24	LP-W05 LP-W06	10.57	2	2	1	1	1	1	1	2	2
25	LP-W07 LP-W08	3.46	2	2	2	2	2	1	2	2	2
26	LP-W10 LP-W11 LP-W12	14.20	1	2	1	2	2	1	3	3	1
27	BE-W01	14.49	2	N/A	1	2	1	2	2	2	2
28	BE-W02	0.76	2	N/A	2	2	1	2	3	3	2
29	BE-W03	0.93	2	2	1	2	1	1	1	1	1
30	LZ-W01 LZ-W02 LZ-W03	2.74	2	2	1	2	1	1	1	1	2
31	LZ-W04	0.67	2	N/A	2	2	2	2	2	2	2
32	LZ-W05	0.62	2	2	1	2	2	1	2	2	2
33	LZ-W06 LZ-W07	4.29	2	2	1	2	1	1	2	2	2
34	LA-W01	5.57	2	2	1	1	2	1	2	2	2
35	LA-W02	0.98	2	2	2	2	1	1	2	2	2
36	LA-W05	8.24	2	2	2	2	2	1	3	3	3
37	LA-W06	0.93	2	2	2	2	1	1	3	3	2
38	BS-W01	0.51	2	N/A	1	2	1	2	2	2	2
39	BS-W04	0.51	2	1	1	2	1	1	2	2	3
40	BS-W06	4.55	2	1	1	2	2	1	2	3	3
41	BS-W09	3.72	2	1	1	2	1	1	2	3	3
42	BS-W10	0.77	2	2	1	2	2	3	3	3	3
43	BS-W13 BS-W14	2.41	2	N/A	2	3	2	1	3	1	2

(see Table 1 for key to results)

Table 7. OFWAM Results (continued)

Assessment Unit	Wetland Codes	Size (acres)	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality
44	BS-W15 BS-W16	1.39	2	2	1	2	1	2	3	3	2
45	CR-W01	41.26	2	N/A	2	2	2	2	2	2	2
47	EK-W04 EK-W05 EK-W06 EK-W07	0.90	2	N/A	2	2	2	1	2	2	2
48	EK-W08	1.56	2	2	1	2	2	1	2	2	2
50	EK-W10 EK-W11	7.66	2	2	1	2	2	1	3	3	3
51	EK-W14	1.30	2	2	1	2	2	1	3	2	2
52	MD-W61	2.61	2	2	2	2	2	1	3	3	3
53	MD-W62	1.17	2	N/A	1	2	2	1	3	3	1

(see Table 1 for key to results)

6.0 Locally Significant Wetlands Results

Forty-four wetland assessment units and one wetland less than 0.5 acres in size met at least one of the required criteria for locally significant wetlands (Table 8). The LWI maps (Appendix C) show the locations of locally significant wetlands. Locally significant wetlands checklists for each wetland are in Appendix H. Thirty-eight wetland assessment units rated at the highest functional level for one of the four ecological functions evaluated by OFWAM: wildlife habitat, fish habitat, water quality or hydrologic control. Twenty assessment units met the criterion of having *intact* or *impacted or degraded* water quality function and being located within ¼ mile of a DEQ-designated *water quality limited* stream. Wetlands MD-W20, MD-W24 and MD-W25 have documented populations of Cooks lomatium, a state-listed endangered plant. Wetlands BS-W04, BS-06, BS-W09 and wetlands LZ-W01, LZ-W02, LA-W01 and LA-W05 have direct surface water connections to Bear Creek and Larson Creek respectively, which are mapped as habitat for *indigenous anadromous salmonids* by ODFW. Sixteen wetland assessment units met more than one criterion.

Three wetlands met the optional criteria for educational use. Wetland MD-W56 at the Abraham Lincoln Elementary School, wetland unit LP-W05/LP-W06 (McAndrews Road mitigation site) and wetland BE-W03 in Donahue-Frohnmayer Park were all assessed by OFWAM as *having educational uses*, are publicly owned and have documented educational use by a school or other organization. Wetlands LZ-W01, LZ-W02 and LZ-W03 in Bear Creek Park were also assessed by OFWAM as *having educational uses* and are publicly owned. However, the Medford Parks Department had no documentation of educational use. These wetlands all met the mandatory criteria for local significance in addition to the optional criteria for educational use.

No wetlands contained a rare plant community or a locally unique plant community. There are a number of vernal pool wetlands in the study area, however, they are all degraded and no longer contain intact native vernal pool plant communities (personal communication with Darren Borgias, The Nature Conservancy 2001).

Table 8. Locally Significant Wetlands Results

				Mandatory Criteria					*Optional Criteria*		
OFWAM Unit	**Wetland Codes**	**Size (acres)**	**Exempt**	**OFWAM Key Functions**	**1/4 Mile of WQL Stream**	**Rare Plant Community**	**Listed Species**	**Connects to Salmon Habitat**	**Local Unique Native Plant Community**	**Public With Educational Use**	**Significant**
1	SW-W01	6.65		√							YES
2	SW-W02 SW-W03	2.71		√							YES
3	MD-W01	4.87		√							YES
4	MD-W03	1.44		√							YES
5	MD-W09	4.24		√							YES
6	MD-W13	1.59		√							YES
7	MD-W16	6.03		√							YES
8	MD-W24 MD-W25	1.74		√			√				YES
9	MD-W26	8.99		√							YES
10	MD-W27 MD-W28 MD-W29 MD-W30 MD-W31 MD-W32 MD-W33	20.37		√							YES
11	MD-W34	1.05		√							YES
12	MD-W35	1.65		√							YES
13	MD-W39	14.77		√							YES
14	MD-W40	5.18		√							YES
15	MD-W41	0.54		√							YES
16	MD-W44	8.03		√	√						YES
17	MD-W46 MD-W47 MD-W48 MD-W49 MD-W50	0.77		√	√						YES

Table 8. Locally Significant Wetlands Results (continued)

				Mandatory Criteria					*Optional Criteria*		
OFWAM Unit	**Wetland Codes**	**Size (acres)**	**Exempt**	**OFWAM Key Functions**	**1/4 Mile of WQL Stream**	**Rare Plant Community**	**Listed Species**	**Connects to Salmon Habitat**	**Local Unique Native Plant Community**	**Public With Educational Use**	**Significant**
18	MD-W51 MD-W52 MD-W53	1.09			√						YES
19	MD-W54	8.77		√							YES
20	MD-W55	2.11	**X**								NO
21	MD-W56	1.92		√						√	YES
22	LP-W01	0.68		√	√						YES
23	LP-W02	2.53			√						YES
24	LP-W05 LP-W06	10.57		√	√					√	YES
25	LP-W07 LP-W08	3.46			√						YES
26	LP-W10 LP-W11 LP-W12	14.20		√							YES
27	BE-W01	14.49		√	√						YES
28	BE-W02	0.76									NO
29	BE-W03	0.93		√						√	YES
30	LZ-W01 LZ-W02 LZ-W03	2.74		√	√						YES
31	LZ-W04	0.67	**X**								NO
32	LZ-W05	0.62		√	√						YES
33	LZ-W06 LZ-W07	4.29		√	√						YES
34	LA-W01	5.57		√	√			√			YES
35	LA-W02	0.98			√						YES
36	LA-W05	8.24			√			√			YES
37	LA-W06	0.93									NO
38	BS-W01	0.51		√	√						YES
39	BS-W04	0.51		√	√			√			YES

Table 8. Locally Significant Wetlands Results (continued)

				Mandatory Criteria					*Optional Criteria*		
OFWAM Unit	**Wetland Codes**	**Size (acres)**	**Exempt**	**OFWAM Key Functions**	**1/4 Mile of WQL Stream**	**Rare Plant Community**	**Listed Species**	**Connects to Salmon Habitat**	**Local Unique Native Plant Community**	**Public With Educational Use**	**Significant**
40	BS-W06	4.55		√	√			√			YES
41	BS-W09	3.72		√	√			√			YES
42	BS-W10	0.77		√							YES
43	BS-W13 BS-W14	2.41			√						YES
44	BS-W15 BS-W16	1.39		√	√						YES
45	CR-W01	41.26									NO
47	EK-W04 EK-W05 EK-W06 EK-W07	0.90									NO
48	EK-W08	1.56		√							YES
50	EK-W10 EK-W11	7.66		√							YES
51	EK-W14	1.30		√							YES
52	MD-W61	2.61									NO
53	MD-W62	1.17		√							YES
Note 1	MD-W20	0.21					√				YES
Note 2	EK-W16	1.45	**X**								NO
Note 2	EK-W17	12.90	**X**								NO

Note 1 . Wetland MD-W20 is less than 0.5 acres in size and was not part of an OFWAM assessment unit. However, it contains Cooks lomatium, a state-listed endangered plant, and met the locally significant wetlands criteria on that basis.

Note 2 . Wetlands EK-W16 and EK-W17 were added after completion of the draft report but were not assessed because they were determined to be exempt from the locally significant wetland criteria.

7.0 Potential Wetland Mitigation and Restoration Sites

Potential wetland mitigation or restoration sites are defined by DSL as "vacant, former wetlands, consisting mostly of relict (dewatered) hydric soils, which are five acres or larger in size." Sixteen sites meeting the definition were identified and mapped on the Potential Wetland Mitigation and Restoration Sites map (Appendix I). The sixteen sites total 437 acres. Site characteristics including size, physical alterations and the most likely water source for restoration are described in Table 9.

Table 9. Potential Wetland Mitigation and Restoration Sites

Site	Size (acres)	Soil, Vegetation & Hydrology Alterations	Most Likely Water Source for Restoration
1	7.34	fill material placed on south side of Swanson Creek; grazing/hay production; channelization of Swanson Creek	Swanson Creek
2*	6.80	grading in north portion; grazing/hay production; drainage ditches in south portion	surface runoff
3	23.44	large berm for shooting range; grazing/mowing/hay production; drainage ditches	surface runoff
4	146.73	excavation for now-abandoned log pond; substantial filling for log pond berm and in west portion of site; grazing/hay production; channelization of Midway Creek; drainage ditches	Midway Creek
5	88.25	plowed crop land; drainage ditches; possibly tiled	surface runoff
6	22.24	plowed crop land; grazing/hay production; drainage ditches; possibly tiled	surface runoff
7	18.10	plowed crop land; drainage ditches; possibly tiled	surface runoff
8	13.34	plowed crop land; drainage ditches; possibly tiled	channel on site
10	9.34	plowed crop land; grazing/hay production; drainage ditches; possibly tiled	surface runoff
11	8.61	plowed crop land; grazing/hay production; Elk Creek in an underground pipe; drainage ditches; possibly tiled	Elk Creek
12	6.58	south portion filled; grazing; Elk Creek channelized; drainage ditches	Elk Creek
13	8.55	cropped/grazed/mowed; drainage ditches	surface runoff
14	7.18	large warehouse/industrial building formerly covering most of site is now removed; mowed lawn	surface runoff
15	19.80	abandoned drive-in theatre on south portion; plowed crop land on remainder; Gore Creek channelized	Gore Creek
16	9.41	plowed crop land; grazing/hay production; drainage ditches	Larson Creek
17	41.26	plowed crop land; grazing/hay production; drainage ditches; possibly tiled	surface runoff
Total	436.97		

*A wetland fill permit has been issued for a development project that includes most of Site 2 (DSL Application No. 22156).

Several of the sites surround or are adjacent to existing wetlands. The acreage figures in Table 9 include the potentially restorable areas only and do not include existing wetlands, with the exception of Site 17, a wetland/upland mosaic that appears to be a partially drained wetland with restoration potential. The acreage figure for Site 17 includes the entire wetland/upland mosaic.

Sites 1, 2, 3, 5, 6, 10 and 16 are located along the urban growth boundary with adjacent contiguous areas of relict hydric soils outside the urban growth boundary. Site 9 was identified in the draft report but has since been developed and is no longer available for mitigation or restoration.

The information in Table 9 was based primarily on aerial photographs and GIS data. Site-specific analysis will be required to determine if these sites are suitable for wetland mitigation and restoration.

8.0 Study Area Summary

Summary information for the study area is provided in Table 10.

Table 10. Study Area Summary

Total acreage in study area (Medford UGB)	18,096 acres
Total wetland acreage	293 acres
wetlands 0.5 acres and larger	288 acres
delineated wetlands smaller than 0.5 acres	5 acres
Number of wetlands 0.5 acres and larger	72
Number of OFWAM wetland assessment units	51
Number of significant OFWAM wetland assessment units	44
Number of significant wetlands smaller than 0.5 acres	1

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Glossary

Anadromous: Species of fish that hatch in fresh water, migrate to saltwater where they spend most of their adult lives, and return to fresh water to lay eggs.

Anaerobic: Biogeochemical processes that occur without oxygen.

Aquatic bed: A wetland class dominated by plants that are completely submerged or float on the water's surface.

Areal cover: A measure of dominance defining the degree to which the portions of plants above the ground cover the ground surface.

Artificially created: The creation of a wetland or other water entirely from an upland (non-wetland) area as a result of human activity.

Bankfull Stage: Stage or elevation at which water overflows the natural banks of streams or other waters of this state and begins to inundate the upland. In the absence of physical evidence, the two-year recurrence interval flood elevation may be used to approximate the bankfull stage.

Bed or banks: the physical container of the waters of this state lying below bankfull stage.

Channel: An open conduit either naturally or artificially created which periodically or continuously contains moving water.

Channelize: To straighten the bed or banks of a stream or river or to line them with concrete or other materials.

Compensatory mitigation site: Replaced or substituted wetlands or water resources which are created, enhanced or restored.

Comprehensive Plan: A local document that guides a community's land use, conservation of natural resources, economic development, and public services. Plans contain data and information called the inventory, and the policy element. The policy element sets forth the community's long-range objectives and the policies by which they will be achieved. The plan in adopted by ordinance and has the force of law.

Condition: The integrity of a wetland's physical and biological structure. This determines the wetland's ability to perform specific functions, as well as its resilience and enhancement opportunities.

Cowardin class: The wetland classification according to the U.S. Fish and Wildlife Service's Classification of Wetlands and Deepwater Habitats of the United States, Cowardin et al., 1979.

DEQ: Department of Environmental Quality

Deep-water habitat: Aquatic habitat, such as portions of lakes, rivers, estuaries, and marine water, where surface water is permanent and deeper than 6.6 feet most of the year.

Degraded: Lowered in quality from adverse impacts such as vegetation removal, invasion of nonnative species and or/draining.

Detention: Temporary storage of water.

DLCD: Department of Land Conservation and Development, the State of Oregon's land use planning agency.

Dominant: Plant species with the largest proportion of areal coverage.

DSL: Division of State Lands. State agency that administers Oregon's state-owned lands and regulates removal and fill in waterways and wetlands.

EPA: U.S. Environmental Protection Agency

Ecosystem: An organic community of plants and animals, viewed within its physical environment (habitat). The ecosystem results from the interaction between soil, climate, vegetation, and animal life.

Emergents: Erect, rooted herbaceous plants that can tolerate flooded soil conditions, but cannot tolerate being submerged for extended periods; e.g. cattails, reeds and pickerel weeds.

Emergent wetland: A wetland class dominated by emergent plants. Emergent wetlands include marshes and wet meadows.

FEMA: Federal Emergency Management Agency. The federal agency that manages emergency response and hazard mitigation planning. Administers the National Flood Insurance Program (NFIP); and creates or reviews maps that define the location and elevation of the 1-percent chance flood (100 year floodplain).

Field-Verify or Field Verification: To walk over and/or visually check an area to make a wetland determination and map wetlands. This may or may not include collecting sample plot data.

Forested wetland: A wetland class in which the soil is saturates and often inundated, and woody plants taller than 20 feet form the dominant cover, e.g. Oregon ash, alders, and cottonwoods. Water-tolerant shrubs often form a second layer beneath the forest canopy, with a layer of herbaceous plants growing beneath the shrubs.

Function: A characteristic action or behavior associated with a wetland that contributes to a larger ecological condition such as wildlife habitat, water quality and/or flood control.

Georeference or Geographical Reference: Linking geographic data to known coordinates on the surface of the earth.

GIS or Geographical Information System: A system of hardware, software and data storage that allows for the analysis and display of information that has been geographically referenced.

Groundwater: Water found at and beneath the water table in the zones of saturate soil and bedrock.

Groundwater discharge: Groundwater that emerges at the land surface in the form of springs or seepage areas. Groundwater can also discharge into rivers (via bank seepage) and sustain flow during the drier months.

Habitat: The environment in which the requirements of a specific plant or animal are met.

Headwaters: Tributary stream located in upper portions of a watershed.

Herbaceous vegetation: A plant, whether annual, biennial, or perennial, with non-woody stems that die back to the ground at the end of the growing season.

HGM class or subclass: the hydrogeomorphic classification of the wetland based upon its landscape position and hydrology characteristics, according to the HGM key developed by the Division of State Lands.

Hydric soil: A soil that formed under conditions of saturation, flooding or ponding long enough during the growing season to develop anaerobic conditions in the upper part. The concept of hydric soils includes soils developed under sufficiently wet conditions to support the growth and regeneration of hydrophytic vegetation. Soils that are sufficiently wet because of artificial measures are included in the concept of hydric soils.

Intermittent stream: A waterway that flows for part of the year.

Indicator: Soil, vegetation, and hydrology characteristics or other field evidence that indicate that wetlands are present.

Large woody debris: Dead material from trees and shrubs that is large enough to persist more than one season.

LWI: Local Wetland Inventory. A systematic survey of an area to identify, classify and map the approximate boundaries of wetlands, and includes the supporting documentation required by Division of State Lands administrative rules.

Marsh: An emergent wetland that is flooded either seasonally or permanently. Marshes support the growth of emergent plants such as cattails, bulrushes, reeds, and sedges; floating-leaved plant such as pondweeds and submergents.

Natural waterways: Waterways created naturally by geological and hydrological processes, waterways that would be natural but for human-caused disturbances (e.g., channelized or culverted streams, impounded waters, partially drained wetlands or ponds created in wetlands) and that otherwise meet the definition of waters of the state, and certain artificially created waterways as defined in OAR 141-85-0010 (29).

Nonpoint source: Pollution sources that are diffuse and do not have a single point of origin or are not introduced into a receiving stream from a specific outlet.

NWI: National Wetland Inventory, database designed and established by the United States Fish and Wildlife Service (USFWS) that maps and classifies wetlands in the United States based on interpretation of aerial photographs.

Open water: A wetland class consisting of areas of water with little or no wetland vegetation. Submerged or floating-leaved plants may inhabit the shallower portions along the edges of the body of water.

OAR: Oregon Administrative Rules. A body of law that describes how legislation and other laws will be implemented.

ODFW: Oregon Department of Fish and Wildlife.

Offsite Determination: A wetland determination conducted without field verification using remote sensing sources such as NWI maps, soils maps, or aerial photographs.

OFWAM: Oregon Freshwater Wetland Assessment Methodology is an assessment method that qualitatively assesses wetland functions and conditions. OFWAM is intended for planning and educational uses and not detailed impact analysis on individual wetlands.

Other Waters: Waters of the state other than wetlands, such as streams and non-vegetated ponds.

Palustrine: Palustrine wetlands included all freshwater wetlands dominated by trees, shrubs, emergents, mosses or lichens. They also include wetlands lacking such vegetation but with all of the following characteristics: areas less than 20 acres, lacking active wave-formed or bedrock shorelines, maximum water depth less than 6.6 feet, and salinity less that 0.5 percent.

Perennial stream: A waterway that has water flow throughout the year.

Possible wetland: An area noted during the course of LWI development that appears to meet wetland criteria but is too small (<0.5 acres) to require detailed mapping or assessment in the LWI. Possible wetlands are mapped as points labeled "PW" on the LWI maps.

Potential wetland: An area identified from off-site sources that has one or more wetland characteristics. Potential wetlands are candidates for field-verification.

Preliminary Jurisdictional Determination (PJD): An advisory determination issued orally or in writing stating that wetlands or other waters of the state are present or not present on a parcel of land. Because a PJD is advisory in nature it has no specified duration or expiration and is not subject to appeal. PJDs include all wetland determinations by any person other than the Division, and also include wetlands mapped on the NWI or on a LWI.

Riparian area: The area immediately adjacent to surface water such as rivers, streams, ponds, lakes, wetlands, and springs consisting of transition areas between an aquatic ecosystem to terrestrial ecosystem.

Riverine wetland: Wetland and deepwater habitats contained within the channel except: (1) wetlands dominated by trees, shrubs, persistent emergents, emergent mosses or lichens, and (2) habitat with water containing ocean derived salts in excess of 0.5 ‰. Water is usually flowing.

Runoff: That part of precipitation, snow melt, or irrigation that flows across the land surface and into streams or other waterways. It can carry pollutants from the air and land into the receiving waters.

Sample plot: A specific area on the ground where soils, vegetation and hydrology data are recorded on a field data form in order to make a wetland determination.

Scrub-shrub wetland: A wetland class dominated by shrubs and woody plants less than 20 feet tall, e.g. red-osier dogwoods, Douglas hawthorns, serviceberry, Pacific ninebark, etc. Water levels in shrub swamps can range from permanent to intermittent flooding.

Spring: A flow of water above ground level that occurs where the water table (groundwater) intercepts the ground surface. Springs and lines of springs are often found at breaks in slope, at contacts between different types of rocks or soils, and along faults. Springs may be associated with wetland and/or riparian areas and increased hazard of unstable slopes.

Statewide Planning Goal 5: Oregon's statewide planning goal that addresses open space, scenic and historic areas, and natural resources. The purpose of the goal is to conserve open space and protect natural and scenic resources.

Stream: A watercourse created by natural processes, or one that would be in a natural state if it were not for human-caused alterations.

Surface water: All water naturally open to the atmosphere (rivers, lakes, reservoirs, streams, impoundments, seas, estuaries) and all springs, wells, or other collectors that are directly influenced by surface water.

Submergent: Plants that grow and reproduce while completely submerged in water.

Swamp: A wetland in which the soil is saturated and often inundated and that is dominated by a woody cover.

Terrace: A nearly flat portion of the landscape terminated by a steep edge. Formed by a variety of processes including the action of rivers, glaciers, and soil movement.

UGB: Urban Growth Boundary. A line drawn around a geographic area which separates urban use lands from resource, or rural, use lands; and shows where the city intends to grow.

Vernal pools: Seasonally flooded depressions on soils with an impermeable layer such as a hardpan or clay pan. The impermeable layer allows the pools to retain water longer then the surrounding uplands; nonetheless, the pools are shallow enough to dry up each season. Only plants and animals that are adapted to this cycle of wetting and drying can survive in vernal pools over time.

Water table: The level of groundwater. The upper surface of the zone where all open spaces in the earth materials are filled with water.

Waters of the state: Natural waterways including all tidal and nontidal bays, intermittent streams, constantly flowing streams, lakes, wetlands and other bodies of water in this state, navigable and nonnavigable, including that portion of the Pacific Ocean which is in the boundaries of this state.

Watershed: The area from which a surface water course receives its water. An area of land that contributes runoff to one specific delivery point. Large watersheds can be composed of several smaller "subwatersheds", each of which contributes runoff to different locations that ultimately combine at a delivery point.

Wet meadow: Emergent wetlands that are generally seasonally flooded and have saturated soils for much of the growing season. Wet meadows are dominated by grasses, sedges and rushes and are often cultivated or pastured.

Wetland: Those areas that are inundated or saturated by surface or ground water at a frequency or duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.

Wetland boundary: A line marked on a map that identifies the approximate wetland/non-wetland boundary.

Wetland delineation: A determination of wetland presence that includes marking the wetland boundaries on the ground and/or on a detailed map prepared by professional land survey or similar accurate methods.

Wetland delineation report: A written document that contains the methods, data, conclusions and maps used to determine if wetlands and/or other waters of the state are present on a land parcel and, if so, describes and maps their location and geographic extent.

Wetland determination: Identifying an area as wetland or non-wetland.

Wetland/upland mosaic: A complex of several wetlands smaller than one-half (0.50) acres in size each that are interspersed between areas of non-wetland.

Woody vegetation: A plant with woody stems that persist throughout the growing season.

Figures

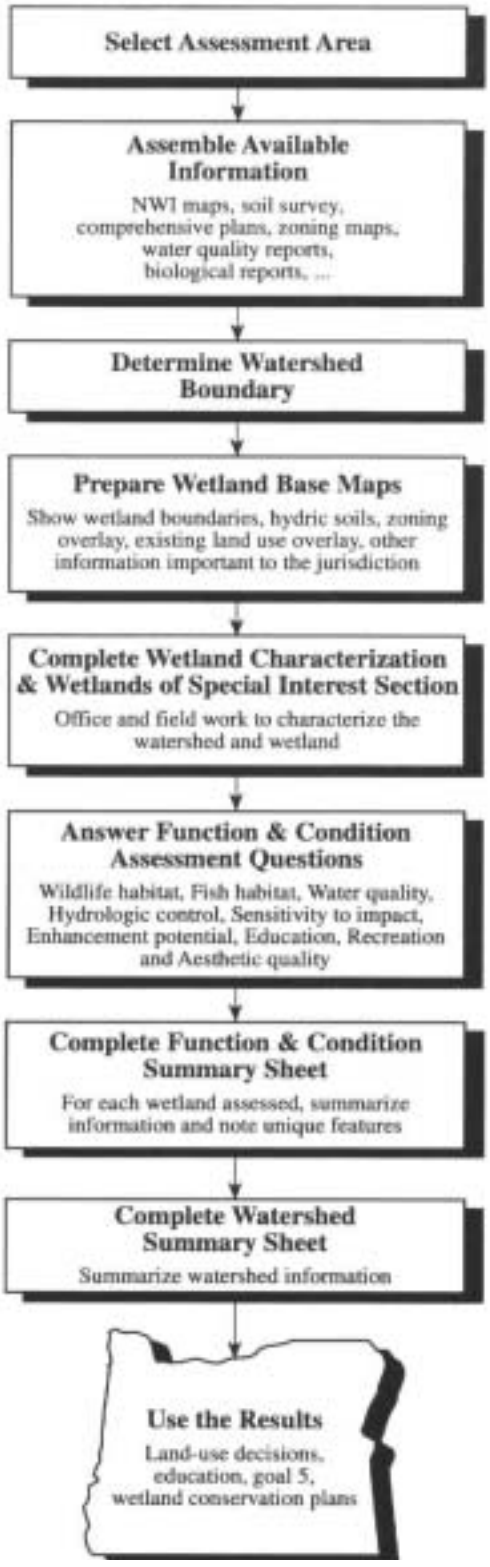


Figure 1. OFWAM Process

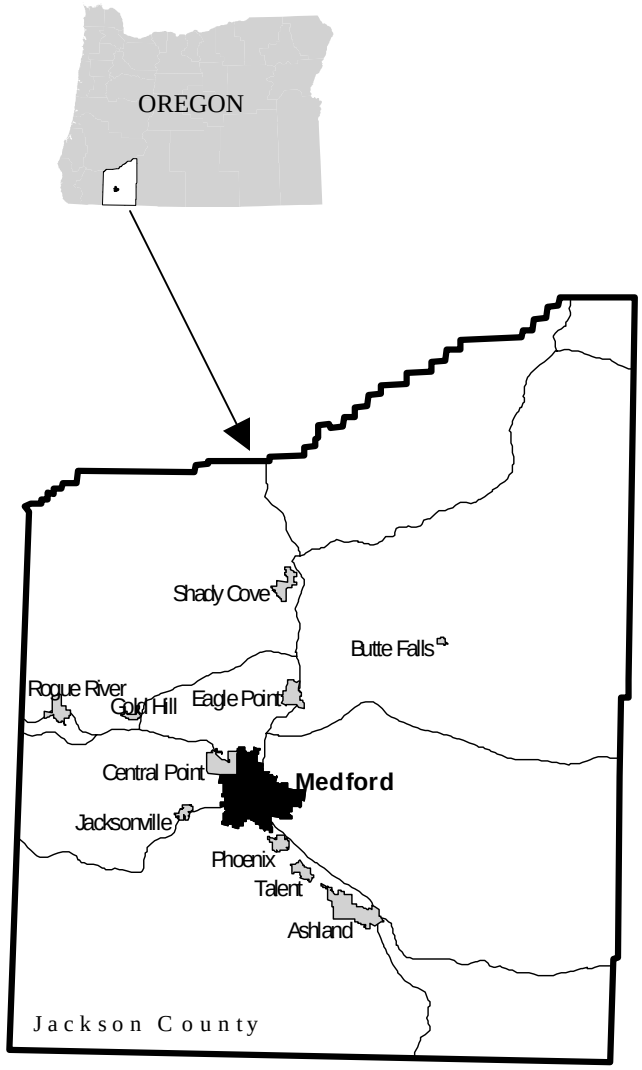


Figure 2. Study Area Location

Source: Data provided by Oregon Geospatial Data Clearinghouse

NORTH
no scale

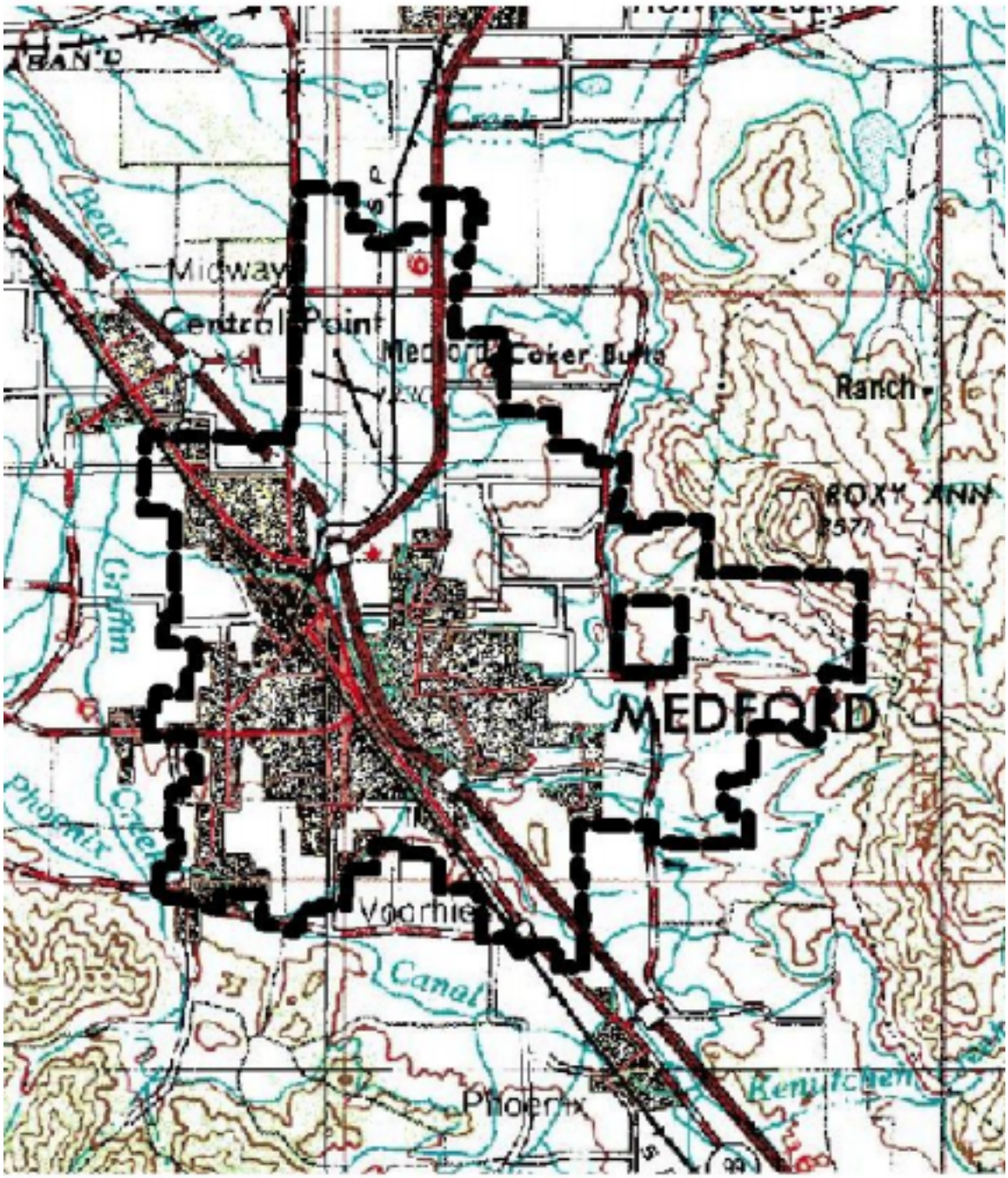


Figure 3. Landscape Setting

NORTH
no scale

Source: US Geological Survey (provided by Microsoft's Terraserver internet site)

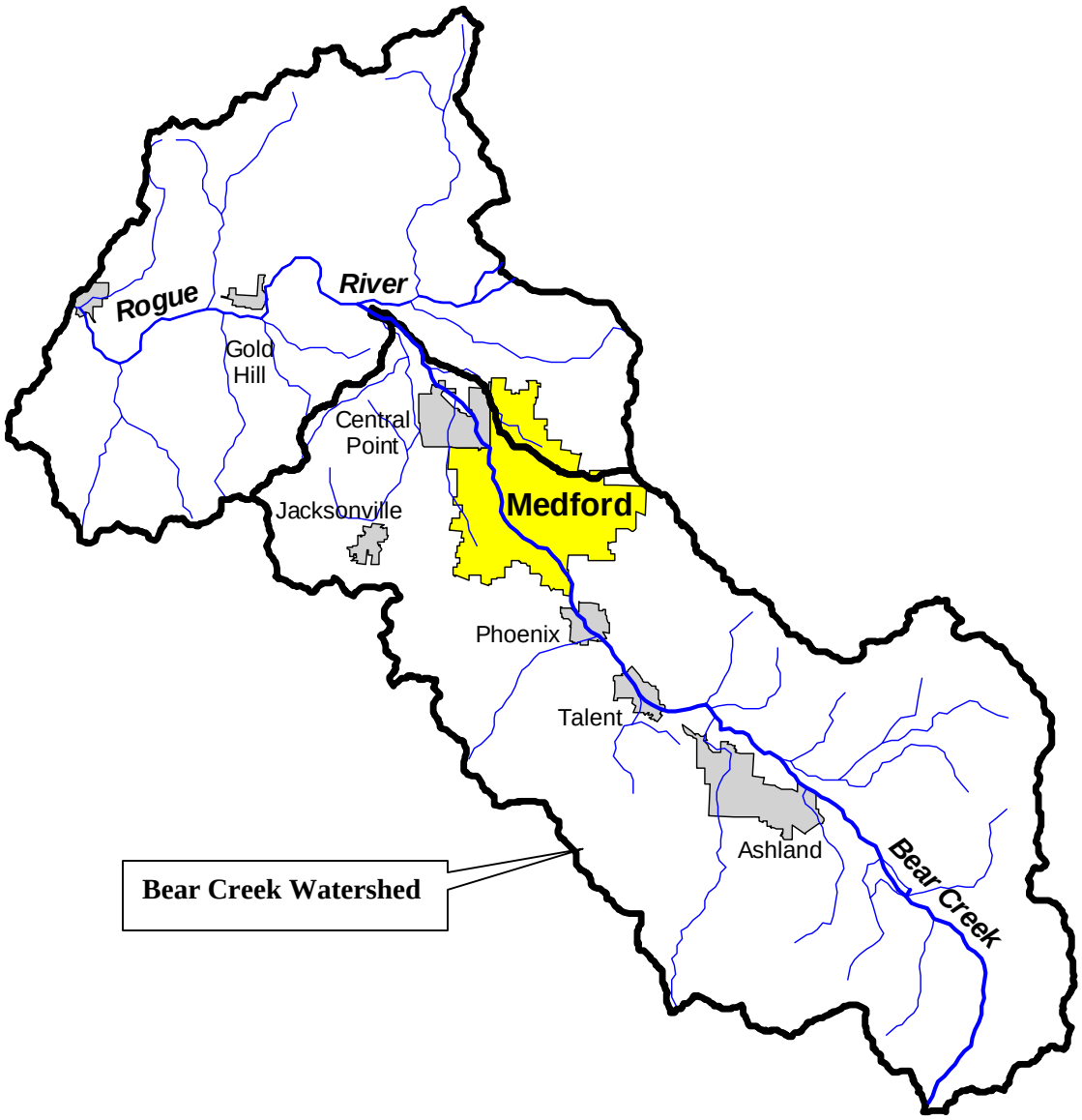


Figure 4. Middle Rogue Hydrologic Unit

NORTH
no scale

Source: Data provided by Oregon Geospatial Data Clearinghouse

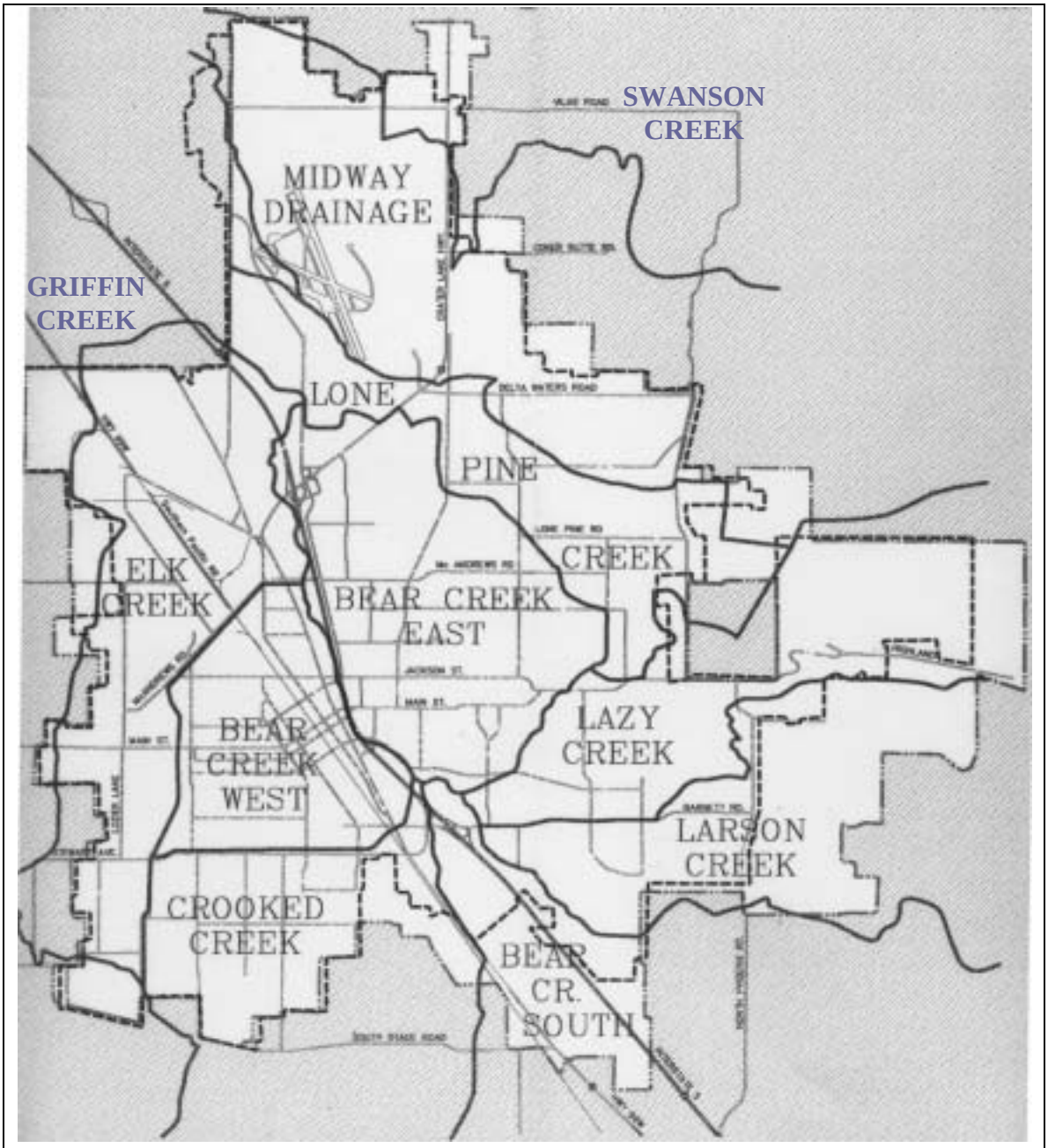


Figure 5. Medford Drainage Basins

NORTH
no scale

Source: Comprehensive Medford Area Drainage Master Plan (Brown and Caldwell 1996)

Appendix A. Technical Staff Qualifications

Joel Shaich, Wetland Scientist

Joel Shaich is a certified Professional Wetland Scientist with over 10 years wetland regulatory and management experience in Oregon for government agencies at the local, state and federal levels and in the private sector. He has conducted wetland delineations, local wetland inventories, OFWAM assessments and wetland significance determinations. In addition, he has conducted state and federal agency oversight reviews for technical and regulatory adequacy of wetland delineations, local wetland inventories, OFWAM assessments and wetland significance determinations. Mr. Shaich contributed to state administrative rules for wetland and waterway jurisdictional determinations and wetland significance determinations. He has participated on assessment teams helping develop OFWAM, the Oregon Wetland-Riparian Assessment Project, and the Washington State Wetlands Function Assessment Project. Related natural resource experience includes stream assessment team leader, water quality certification reviewer and National Environmental Policy Act document reviewer for water quality, aquatic habitat and wetlands issues. Mr. Shaich's educational background includes an M.S. in Environmental Science with a focus on wetlands management and professional training in wetland delineation, wetland plant identification and geographical information systems.

Appendix B. Wetland Summary Sheets

Appendix B. Wetland Summary Sheets

This appendix contains:

Key
Key to the abbreviations used on wetland summary sheets

Index of Wetland Summary Sheets
The index of wetland summary sheets is organized alphabetically by wetland code. Wetland codes are in the format "AA-W01" where the first two letters are the drainage basin code, "W" indicates wetland, and the number is the unique identification number. Wetlands were numbered beginning at the downstream end of each basin and increasing upstream. Nineteen additional wetlands were added following review of the draft report and code numbers were assigned sequentially in each drainage basin. Three wetlands (EK-W03, EK-W12 and EK-W13) were removed from the LWI maps following review of the draft report and their codes were not used.

Individual wetland codes were assigned to 134 wetland areas (polygons). Groups of two or more contiguous wetland areas of the same type and/or hydrologically connected were considered a single wetland and described together on one wetland summary sheet. The net result was seventy-two wetlands 0.5 acres or larger.

Wetland Summary Sheets
There are wetland summary sheets for each of the seventy-two wetlands 0.5 acres and larger.

KEY TO ABBREVIATIONS USED ON WETLAND SUMMARY SHEETS

Drainage Basin Codes

BE	Bear Creek East
BS	Bear Creek South
CR	Crooked Creek
EK	Elk Creek
LA	Larson Creek
LP	Lone Pine Creek
LZ	Lazy Creek
MD	Midway Creek (also called Upton Slough)
SW	Swanson Creek

Cowardin Classifications

PEM	Palustrine Emergent
PSS	Palustrine Scrub-Shrub
PFO	Palustrine Forested
PUB	Palustrine Unconsolidated Bottom

Special modifiers:

d	partially drained/ditched
h	diked/impounded
x	excavated

The Cowardin wetland classification system (also known as the U.S. Fish and Wildlife Service National Wetland Inventory system) is based on ecological system, substrate material, flooding regime and vegetative life form (Cowardin et al. 1979).

Hydrogeomorphic (HGM) Classifications

DCNP	Depressional Closed Nonpermanent
DCP	Depressional Closed Permanent
DO	Depressional Outflow
Flat	Flats
RFT	Riverine Flow-through
RI	Riverine Impounding
SH	Slope Headwater
SV	Slope Valley

The hydrogeomorphic classification system groups wetlands with similar functions according to their water source and topographic setting in the landscape (Adamus 2001).

WETLAND SUMMARY SHEETS INDEX

Wetland Code	Summary Sheet	LWI Map Number	OFWAM Assessment Unit	Locally Significant	DSL File Number(s)
BE-W01	1	2	27	YES	
BE-W02	2	5	28	NO	
BE-W03	3	5	29	YES	
BS-W01	4	6	38	YES	
BS-W02 **BS-W03**	None (<0.5 acres)	7	--	NO	01-0452
BS-W04	5	7	39	YES	01-0452
BS-W05	None (<0.5 acres)	7	--	NO	01-0452
BS-W06	6	7	40	YES	
BS-W07 **BS-W08**	None (<0.5 acres)	7	--	NO	01-0452
BS-W09	7	7	41	YES	
BS-W10	8	7	42	YES	
BS-W11 **BS-W12**	None (<0.5 acres)	7	--	NO	01-0452
BS-W13 **BS-W14**	9	7	43	YES	
BS-W15 **BS-W16**	10	7	44	YES	
BS-W17 **BS-W18**	11	7	--	NO	
BS-W19	12	7	--	NO	
CR-W01	13	6	45	NO	
CR-W02 **CR-W03**	14	6	--	NO	
CR-W04	15	6	--	NO	
EK-W01 **EK-W02**	None (<0.5 acres)	4	--	NO	01-0441
EK-W04 **EK-W05** **EK-W06** **EK-W07**	16	4	47	NO	
EK-W08	17	4	48	YES	
EK-W09	None (<0.5 acres)	4	--	NO	02-0318
EK-W10	18	6	50	YES	96-0252 FP 18690
EK-W11	19	6	50	YES	96-0252 FP 18690
EK-W14	20	6	51	YES	

Wetland Code	Summary Sheet	LWI Map Number	OFWAM Assessment Unit	Locally Significant	DSL File Number(s)
EK-W15	21	2	--	NO	
EK-W16	22	2 & 4	--	NO	91-0198
EK-W17	23	4	--	NO	92-0132
EK-W18	24	4	--	NO	92-0132
LA-W01	25	7	34	YES	
LA-W02	26	7	35	YES	
LA-W03 **LA-W04**	None (<0.5 acres)	7	--	NO	00-0548
LA-W05	27	7	36	YES	
LA-W06	28	5	37	NO	
LA-W07	29	5 & 8	--	NO	
LA-W08	30	5	--	NO	
LP-W01	31	2	22	YES	98-0452
LP-W02	32	5	23	YES	
LP-W03	None (<0.5 acres)	5	--	NO	01-0172 App 23940
LP-W04	None (<0.5 acres)	5	--	NO	91-0071
LP-W05	33	5	24	YES	98-0508 FP 15730
LP-W06	34	5	24	YES	98-0508 FP 15730
LP-W07	35	5	25	YES	FP 15730
LP-W08	35	5	25	YES	FP 15730
LP-W10	36	5	26	YES	
LP-W11	37	5	26	YES	
LP-W12	38	5	26	YES	
LZ-W01	39	5	30	YES	
LZ-W02	40	5	30	YES	
LZ-W03	41	5	30	YES	
LZ-W04	42	5 & 8	31	NO	00-0413 GA-22968
LZ-W05	43	8	32	YES	00-533
LZ-W06	44	8	33	YES	
LZ-W07	45	8	33	YES	01-0420
LZ-W08	46	5	--	NO	
MD-W01	47	1	3	YES	FP-17158
MD-W02	None (<0.5 acres)	1	--	NO	FP-17158
MD-W03	48	1	4	YES	FP-17158

Wetland Code	Summary Sheet	LWI Map Number	OFWAM Assessment Unit	Locally Significant	DSL File Number(s)
MD-W04 **MD-W05** **MD-W06** **MD-W07** **MD-W08**	None (<0.5 acres)	1	--	NO	FP-17158
MD-W09	49	1	5	YES	FP-17158
MD-W10 **MD-W11** **MD-W12**	None (<0.5 acres)	1	--	NO	FP-17158
MD-W13	50	1 & 2	6	YES	
MD-W14 **MD-W15**	None (<0.5 acres)	1 & 2	--	NO	FP-17158
MD-W16	51	1 & 2	7	YES	FP-17158
MD-W17 **MD-W18** **MD-W19**	None (<0.5 acres)	1 & 2	--	NO	FP-17158
MD-W20	None (<0.5 acres)	1 & 2	--	YES	FP-17158
MD-W21 **MD-W22** **MD-W23**	None (<0.5 acres)	1 & 2	--	NO	FP-17158
MD-W24 **MD-W25**	52	1 & 2	8	YES	FP-17158
MD-W26	53	1 & 2	9	YES	
MD-W27 **MD-W28** **MD-W29** **MD-W30** **MD-W31** **MD-W32** **MD-W33**	54	1 & 2	10	YES	99-0467
MD-W34	55	1& 2	11	YES	99-0467
MD-W35	56	1& 2	12	YES	99-0467
MD-W36 **MD-W37** **MD-W38**	None (<0.5 acres)	1 & 2	--	NO	99-0467
MD-W39	57	1 & 2	13	YES	02-0122
MD-W40	58	1 & 2	14	YES	98-0424
MD-W41	59	1 & 2	15	YES	
MD-W42	None (<0.5 acres)	1 & 2	--	NO	99-0230
MD-W43	None (<0.5 acres)	2	--	NO	00-0396 App 22930
MD-W44	60	2	16	YES	

Wetland Code	Summary Sheet	LWI Map Number	OFWAM Assessment Unit	Locally Significant	DSL File Number(s)
MD-W45	None (<0.5 acres)	2	--	NO	00-0396
MD-W46 **MD-W47** **MD-W48** **MD-W49** **MD-W50**	61	2	17	YES	
MD-W51 **MD-W52** **MD-W53**	62	2	18	YES	
MD-W54	63	3	19	YES	00-0429 01-0041
MD-W55	64	3	20	NO	
MD-W56	65	3	21	YES	FP-12548
MD-W57	66	3	--	NO	
MD-W58 **MD-W59** **MD-W60**	67	3	--	NO	
MD-W61	68	1	52	NO	
MD-W62	69	1	53	YES	GA-22849
SW-W01	70	1	1	YES	
SW-W02	71	1	2	YES	99-0371 App 22156
SW-W03	72	1	2	YES	

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BE-W01**
Field Verification Date(s):	**5/14/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**14.49**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R1W 18A**
Tax Lots: 371W18A TL 4200, 371W18DB TL 100

Hydrologic Basin: **Bear East**

Location: **Between Whittle Ave, Corona Ave, Skypark Dr and Alcan Dr**

Soil – Mapped Series: **Agate-Winlo complex (6B)**

Hydrology Source(s): **precipitation, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **27**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetlands are a group of vernal pools in a vacant field that is part of the Rogue Valley International-Medford Airport runway protection zone and is mowed regularly. The area was mapped as a wetland/upland mosaic. Wetland boundaries are defined by the depressions associated with patterned ground, seasonal ponding and saturated soils and the change from a wetland plant community to an upland plant community. The site was delineated in 1999 by Mason, Bruce & Girard, Inc. for the Oregon Department of Transportation. The wetland delineation has not been submitted to DSL for review to date.

The presence or absence of vernal pool associated rare plants or vernal pool fairy shrimp has not been determined to date.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BE-W02**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**0.76**
HGM Classification(s):	**DO**	Locally Significant:	**N**

Legal: **T37S R1W 20B**	Hydrologic Basin: **Bear East**
Tax Lots: 371W20BD TL 1000, 2100	Location: **SE of McAndrews Rd and Berkeley Way intersection**

Soil – Mapped Series:	**Gregory silty clay loam (76A)** **Debenger-Brader loams (44C)**
Hydrology Source(s):	**groundwater, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Unknown

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **28**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**not appropriate**
Water Quality:	**impacted or degraded**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetland is a depression in a hill slope that may have been partially excavated from hydric soils. Wetland mapping was based on off-site sources including aerial photography and topographic contour mapping. Ponding, wetland vegetation signatures and wetland drainage patterns were visible in the March 1998 aerial photograph.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BE-W03**
Field Verification Date(s):	**5/16/01**		
Cowardin Classification(s):	**PSS PEM**	Size (acres):	**0.93**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 20B**	Hydrologic Basin: **Bear East**
Tax Lots: 371W20BD TL 800, 2200	Location: **NW of Springbrook Rd and Spring St intersection in Donahue-Frohnmayer Park**

Soil – Mapped Series:	**Gregory silty clay loam (76A)**
Hydrology Source(s):	**stormwater discharge from culvert under Spring Street**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Black cottonwood	**Willow**	**Common cattail**
		Creeping buttercup
		Tall fescue
		Willow herb

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **29**
Wildlife Habitat:	**habitat for some species**	Education:	**educational uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**provides opportunities**
Water Quality:	**intact**	Aesthetics:	**pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is in a swale in Donahue-Frohnmayer Park. Wetland boundaries are defined by the topographic break at the swale edge, flowing water and seasonal ponding and saturated soils, and the change from a wetland plant community to a Tall fescue-Blackberry upland plant community. Flowing water was observed in the wetland during the May 16, 2001 site visit and saturated soils were observed during a DSL site visit on June 8, 2001 (DSL File No. 01-0256).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BS-W01**
Field Verification Date(s):	**5/18/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**0.51**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R1W 32B**	Hydrologic Basin: **Bear South**
Tax Lots: 371W32B TL 4700	Location: **NE of Center Dr and Belknap Rd intersection**

Soil – Mapped Series:	**Agate-Winlo complex (6B)**
Hydrology Source(s):	**stormwater drainage ditch, runoff, precipitation**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**Teasel**
		Poison hemlock
		Speedwell
		Soft rush

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **38**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**moderate**		

Comments: Wetland is in a depression in a vacant field. Wetland boundaries defined by topographic break at depression edge and seasonal ponding and saturation. Ponded water is visible in March 1998 aerial photograph. Site is highly disturbed with fill material in and around the wetland.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BS-W04**
Field Verification Date(s):			
Cowardin Classification(s):	**PFO**	Size (acres):	**0.51**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 32B**
Tax Lots: I-5 ROW

Hydrologic Basin: **Bear South**
Location: **E side of Bear Creek, W of I-5, just S of I-5 bridge over Bear Creek**

Soil – Mapped Series: **Camas-Newberg-Evans complex (23A)**

Hydrology Source(s): **Bear Creek**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Oregon Ash	**Willow**	**Reed canarygrass**
Willow		**Common cattail**
		Teasel
		Poison hemlock

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **39**

Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**intact**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: Wetland is in the riparian forest along Bear Creek and within the Bear Creek floodplain. The wetland boundary is defined by a topographic break at the edge of the floodplain, seasonal ponding and soil saturation, and the change from a wetland plant community to an upland plant community. The wetland was delineated in 2001 by Shapiro and Associates, Inc. (DSL File No. 01-0452).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BS-W06**
Field Verification Date(s):			
Cowardin Classification(s):	**PFO PEM**	Size (acres):	**4.55**
HGM Classification(s):	**RI**	Locally Significant:	**Y**

Legal: **T37S R1W 32C T37S R1W 32D**
Tax Lots: 371W32C TL 4800, 4900
371W32D TL 606, 1001, 1101
381W05 TL 106

Hydrologic Basin: **Bear South**
Location: **W side of Bear Creek, S of Charlotte Anne Rd**

Soil – Mapped Series: **Camas-Newberg-Evans complex (23A)**

Hydrology Source(s): **Bear Creek**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Black cottonwood	**Willow**	**unknown**
Oregon ash		
Willow		

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **40**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**intact**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is a backwater slough along Bear Creek that may function as a high-water channel for Bear Creek during flood events. Wetland mapping was based on off-site sources including aerial photographs, topographic contour mapping and NWI mapping.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BS-W09**
Field Verification Date(s):			
Cowardin Classification(s):	**PFO**	Size (acres):	**3.72**
HGM Classification(s):	**RI**	Locally Significant:	**Y**

Legal: **T37S R1W 32D T38S R1W 5A**
Tax Lots: 381W05 TL 106

Hydrologic Basin: **Bear South**
Location: **E side of Bear Creek, W of I-5, due E of Lowry Ln**

Soil – Mapped Series: **Riverwash (154)**, **Camas-Newberg-Evans complex (23A)**
Hydrology Source(s): **Bear Creek**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Black cottonwood	**Willow**	**unknown**
Oregon ash		
Willow		

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **41**

Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**intact**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is a floodplain/gravel bar area along Bear Creek. Wetland mapping was based on off-site sources including aerial photographs, topographic contour mapping and NWI mapping.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BS-W10**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**0.77**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T38S R1W 4B**	Hydrologic Basin: **Bear South**
Tax Lots: 381W04 TL 200	Location: **SE of Laloma Dr and Yvonne Rd intersection**

Soil – Mapped Series:	**Brader-Debenger loams (17C)**
Hydrology Source(s):	**irrigation ditch**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Clustered rose	**Soft rush**
		Teasel

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **42**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**little**		

Comments: Wetland borders a remnant drainageway segment and contains a small created pond. Wetland mapping was based on off-site sources including aerial photographs, topographic contour mapping and NWI mapping. Ponding was observed during April 1995 LWI field work.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BS-W13** **BS-W14**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**2.41**
HGM Classification(s):	**SV**	Locally Significant:	**Y**

Legal: **T38S R1W 4B**	Hydrologic Basin: **Bear South**
Tax Lots: 381W04 TL 200, 300	Location: **E of I-5, W of substation**

Soil – Mapped Series:	**Padigan clay (139A)** **Medford silty clay loam (127A)**
Hydrology Source(s):	**irrigation runoff channel, groundwater discharge**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**Common cattail**
		Soft rush

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **43**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**provides opportunities**
Water Quality:	**impacted or degraded**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**lost or not present**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: Wetland is on a slope above I-5. Wetland boundaries are defined by presence of common cattail. Surrounding land uses are agricultural.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BS-W15** **BS-W16**
Field Verification Date(s):			
Cowardin Classification(s):	**PEMx**	Size (acres):	**1.39**
HGM Classification(s):	**DCNP**	Locally Significant:	**Y**

Legal: **T38S R1W 4B** **T38S R1W 4C**	Hydrologic Basin: **Bear South**
Tax Lots: 381W04 TL 300	Location: **E of I-5, SW of substation**

Soil – Mapped Series:	**Padigan clay (139A)** **Coker clay (33A)**	**Medford silty clay loam (127A)**
Hydrology Source(s):	**irrigation supply**	

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Teasel
		Common cattail
		Poison hemlock

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **44**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**moderate**		

Comments: The site contains two ponds excavated in an area of mapped hydric soil. The ponds were created to train dogs for hunting. The ponds were drained during a May 2001 site visit.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BS-W17** **BS-W18**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**1.21, 0.80**
HGM Classification(s):	**DCP**	Locally Significant:	**N**

Legal: **T37S R1W 32A T37S R1W 32B**	Hydrologic Basin: **Bear South**
Tax Lots: 371W32B TL 3401 371W32D TL 600	Location: **S of the S end of Ellendale Dr**

Soil – Mapped Series:	**Brader-Debenger loams (17C)**
Hydrology Source(s):	**municipal or irrigation supply**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: The site was not viewed directly. These are excavated ponds in the Quail Point Golf Course. There are several smaller ponds (less than 0.5 acres each) in the golf course that were not inventoried.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**BS-W19**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**0.60**
HGM Classification(s):	**DCP**	Locally Significant:	**N**

Legal: **T37S R1W 32C**	Hydrologic Basin: **Bear South**
Tax Lots: 371W32C TL 4700	Location: **Between South Pacific Hwy 99 and Interstate 5, S of Charlotte Ann Rd**

Soil – Mapped Series: **Medford silty clay loam (127A)**

Hydrology Source(s): **municipal or irrigation supply**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: The site was not viewed directly. It is an excavated pond in the Bear Creek Golf Course.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**CR-W01**
Field Verification Date(s):			
Cowardin Classification(s):	**PEMd**	Size (acres):	**41.26**
HGM Classification(s):	**Flat**	Locally Significant:	**N**

Legal:	**T37S R2W 36C**	Hydrologic Basin:	**Crooked**
Tax Lots:	372W36C TL 1400, 1401, 1402, 1502, 1600, 2200 372W36CC TL 2300	Location:	**SW of Columbus Ave and Cunningham Ln intersection**

Soil – Mapped Series:	**Gregory silty clay loam (76A)**	**Coleman loam (34B)**
	Medford silty clay loam (127A)	
Hydrology Source(s):	**drainage/irrigation ditches, precipitation, runoff**	

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown grasses

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT:	**45**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**impacted or degraded**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**moderate**		

Comments: The site is a large vacant field. There are 3 large bands of hydric soil mapped on the site and a patchwork of wetland and upland signatures are visible in aerial photographs .The site was mapped as a wetland/upland mosaic. A small pond is on tax lot 2200.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**CR-W02 CR-W03**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**1.31, 0.71**
HGM Classification(s):	**DCP RI**	Locally Significant:	**N**

Legal: **T37S R1W 31A T37S R1W 31B T37S R1W 31C**
Tax Lots: 371W31A TL 3800, 371W31D TL 400

Hydrologic Basin: **Crooked**
Location: **S of Stewart Ave and between Holly St and Meyers Ln**

Soil – Mapped Series: **Padigan clay (139A)** **Darow silty clay loam (43B)** **Medford silty clay loam (127A)**

Hydrology Source(s): **Crooked Creek, municipal or irrigation supply**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: The site was not viewed directly. These are excavated ponds in the Stewart Meadows Golf Course. Both ponds were excavated mostly from an area mapped as hydric soil (Padigan clay) in the soil survey. Crooked Creek flows through CR-W03. There are three smaller ponds (less than 0.5 acres each) in the golf course that were not inventoried.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**CR-W04**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**0.51**
HGM Classification(s):	**DCP**	Locally Significant:	**N**

Legal: **T37S R1W 31D**	Hydrologic Basin: **Crooked**
Tax Lots: 371W31D TL 2700	Location: **E of the Garfield Ave and South Holly St intersection**

Soil – Mapped Series:	**Carney clay (27B)** **Padigan clay (139A)**
Hydrology Source(s):	**irrigation supply**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: The site was not viewed directly. It is an excavated irrigation supply pond. The pond appears to straddle the urban growth boundary with most of the pond outside the boundary.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**EK-W04 EK-W07 EK-W05 EK-W06**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**0.90**
HGM Classification(s):	**RFT RI**	Locally Significant:	**N**

Legal: **T37S R2W 26A**	Hydrologic Basin: **Elk**
Tax Lots: 372W23 TL 700 372W26AB TL 1200, 1300, 1400	Location: **SW and NW of Ross Ln and Finley Ln intersection**

Soil – Mapped Series:	**Coleman loam (34B)** **Gregory silty clay loam (76A)**
Hydrology Source(s):	**irrigation/drainage ditch**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Common cattail
		Reed canarygrass
		Soft rush

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **47**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**impacted or degraded**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: Irrigation water backs up against driveway and gravel road fills. Wetland mapping was based on off-site sources including aerial photographs and topographic contour mapping with limited ground-truthing from Finley Lane.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**EK-W08**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**1.56**
HGM Classification(s):	**RI**	Locally Significant:	**Y**

Legal: **T37S R2W 25B**	Hydrologic Basin: **Elk**
Tax Lots: 372W25BC TL 4600, 4800	Location: **SW of Sunset Ave and Western Ave intersection**

Soil – Mapped Series:	**Gregory silty clay loam (76A)**
Hydrology Source(s):	**Elk Creek**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Weeping willow		**Common cattail**
		Unknown grass

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **48**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is in a flat area adjacent to Elk Creek. The wetland boundaries are based on the presence of Common cattail. The wetland contains a small area of water ponded behind the road fill for Sunset Avenue.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**EK-W10**
Field Verification Date(s):	**5/18/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**1.47**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R2W 35A**	Hydrologic Basin: **Elk**
Tax Lots: 372W35AD TL 900, 919, 920, 2000	Location: **SE of Stewart Ave and Thomas Rd intersection**

Soil – Mapped Series:	**Gregory silty clay loam (76A)** **Coleman loam (34B)**
Hydrology Source(s):	**Elk Creek, stormwater discharge**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Common cattail
		Soft-stem bulrush
		Reed canarygrass
		Bentgrass

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **50**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: Elk Creek in this location is a broad wetland swale in a large field that is being developed for subdivisions. The wetland boundaries are defined by the topographic break at the edge of the swale, flowing water and saturated soils, and the change from a wetland plant community to a Red clover-Bentgrass-Blue wildrye-Bulbous bluegrass upland plant community. The wetland is a mitigation site for wetland impacts authorized in a DSL wetland fill permit (DSL File No. FP 18690). The wetland was delineated in 1996 by Scoles Associates, Inc. (DSL File No. 96-0252).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**EK-W11**
Field Verification Date(s):	**5/18/01, 12/04/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**6.19**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R2W 35A T37S R2W 35D**

Tax Lots: 372W35AD TL 900, 913, 2000
372W35DA TL 300, 400, 1200, 1300, 1400, 1500
372W35DB TL 800, 2500
372W35DC TL 400, 500

Hydrologic Basin: **Elk**

Location: **SE of Stewart Ave and Thomas Rd intersection**

Soil – Mapped Series: **Gregory silty clay loam (76A)**
Coleman loam (34B)

Hydrology Source(s): **Elk Creek, irrigation overflow**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Common cattail
		Soft-stem bulrush
		Reed canarygrass
		Bentgrass

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **50**

Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: Elk Creek in this location is a broad wetland swale in a large field that is being developed for subdivisions. The wetland boundaries are defined by the topographic break at the edge of the swale, flowing water and saturated soils, and the change from a wetland plant community to a Red clover-Bentgrass-Blue wildrye-Bulbous bluegrass upland plant community. A newly constructed road crossing has split the wetland into two units. The wetland contains mitigation sites for wetland impacts authorized in a DSL wetland fill permit (DSL File No. FP 18690). The northern 2/3 of the wetland was delineated in 1996 by Scoles Associates, Inc. (DSL File No. 96-0252). The southern 1/3 contains 3 ponds.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**EK-W14**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**1.30**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T38S R2W 02A**	Hydrologic Basin: **Elk**
Tax Lots: 382W02A TL 2706, 2811, 2902	Location: **In field at E end of Lucky Ln**

Soil – Mapped Series:	**Gregory silty clay loam (76A)** **Ruch gravelly silt loam (158B)**
Hydrology Source(s):	**Elk Creek**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Meadow foxtail
		Reed canarygrass

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT:	**51**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: Elk Creek is a broad swale in a pasture in this location. The wetland boundary is defined by the topographic break at the edge of the swale bottom, ponding and soil saturation, and the change from a wetland plant community to an upland plant community. Ponding was visible through much of the wetland in a March 1998 aerial photograph.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**EK-W15**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**10.25**
HGM Classification(s):	**DCP**	Locally Significant:	**N**

Legal: **T37S R2W 14A**	Hydrologic Basin: **Elk**
Tax Lots: 372W14 TL 100	Location: **N of Ehrman Way**

Soil – Mapped Series: **water feature**
Gregory silty clay loam (76A)
Hydrology Source(s): **unknown**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: This site was not viewed directly. It is a log pond at the Boise Cascade mill.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**EK-W16**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx PEM**	Size (acres):	**1.45**
HGM Classification(s):	**DCP**	Locally Significant:	**N**

Legal: **T37S R2W 13C**	Hydrologic Basin: **Elk**
Tax Lots: 372W13CC TL 200, 201	Location: **between Hwy 99 and the Burlington Northern railroad tracks**

Soil – Mapped Series:	**Agate-Winlo complex (6B)** **Gregory silty clay loam (76A)**
Hydrology Source(s):	**unknown**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: This site was not viewed directly. It is an area of ditches and ponds along the railroad tracks. A DSL wetland determination in 1991 (DSL File No. 91-0198) determined that the water features were artificially created waste ponds. The ponds have been partially filled in since the 1995 Medford local wetland inventory.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**EK-W17**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**12.90**
HGM Classification(s):	**DO**	Locally Significant:	**N**

Legal: **T37S R2W 13C T37S R2W 24B**
Tax Lots: 372W24 TL 300

Hydrologic Basin: **Elk**
Location: **W of the Burlington Northern railroad tracks and N of Rossanly Dr**

Soil – Mapped Series: **water feature**, **Agate-Winlo complex (6B)**
Hydrology Source(s): **unknown**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: This site was not viewed directly. The June 2001 aerial photograph shows wetland vegetation signatures and flowing water signatures. A DSL wetland determination in 1992 (DSL File No. 92-0132) determined that this site and site EK-18 to the south contained an artificially created log pond that was not jurisdictional under the Removal-Fill Law. The pond in this portion of the site was filled in by 1995. Wetlands on this site are presumably remnants of the filled log pond or artificially created from an unknown hydrology source.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**EK-W18**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**3.75**
HGM Classification(s):	**DCP**	Locally Significant:	**N**

Legal: **T37S R2W 24B**
Tax Lots: 372W24 TL 301

Hydrologic Basin: **Elk**
Location: **W of the Burlington Northern railroad tracks and S of Rossanly Dr**

Soil – Mapped Series: **water feature**
Agate-Winlo complex (6B)
Hydrology Source(s): **unknown**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: This site was not viewed directly. It is a group of three ponds. A DSL wetland determination in 1992 (DSL File No. 92-0132) determined that the water features were artificially created log ponds. The ponds are remnants of an approximately 40-acre log pond that has been filled in.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LA-W01**
Field Verification Date(s):	**5/17/01**		
Cowardin Classification(s):	**PFO PSS**	Size (acres):	**5.57**
HGM Classification(s):	**SV**	Locally Significant:	**Y**

Legal: **T37S R1W 32A**	Hydrologic Basin: **Larson**
Tax Lots: 371W32AA TL 400, 600, 800, 900, 1000, 1100, 1200, 1300, 1400 371W32AD TL 100	Location: **Between Black Oak Dr, Edgemont Dr, Sun Oaks Dr and Hilldale Ave**

Soil – Mapped Series:	**Cove clay (35A)** **Coker clay (33A)**	**Brader-Debenger loams (17C)**
Hydrology Source(s):	**Larson Creek, an unnamed tributary stream, runoff**	

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Oregon ash	**Willow**	**Teasel**
Black cottonwood		**Poison hemlock**
Willow		**Common cattail**

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **34**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**intact**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetlands are located in the floodplain bottomland along Larson Creek and along a tributary that enters from the east. The wetland boundaries are defined by the topographic break at the floodplain edge, seasonal ponding and soil saturation, and the change from a wetland plant community to an upland plant community. ASCG conducted a wetland determination in 1992 and observed indicators of ponding (DSL File No. 93-0102). The wetland is bordered by the St. Mary School athletic fields on the southeast, a golf course on the west and residences on the north. The north and southeast edges of the floodplain have steep banks with some fill material. A few of the residents on the north side have mowed portions of the wetland that are in their properties.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LA-W02**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**0.98**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 33A T37S R1W 28D**	Hydrologic Basin: **Larson**
Tax Lots: 371W33A TL 300	Location: **SE of Barnett Rd and Golf View Dr intersection**

Soil – Mapped Series:	**Coker clay (33A)**
Hydrology Source(s):	**North Fork Larson Creek**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**Teasel**
		Soft rush
		Poison hemlock

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **35**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**impacted or degraded**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is in a depression along North Fork Larson Creek. Wetland boundaries are defined by the topographic change at the edge of the depression and seasonal soil saturation. Saturated soil was observed during the April 1995 LWI field work. The wetland is in a vacant lot that is mowed regularly.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LA-W05**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**8.24**
HGM Classification(s):	**SV**	Locally Significant:	**Y**

Legal: **T37S R1W 34A T37S R1W 34D**	Hydrologic Basin: **Larson**
Tax Lots: 371W34 TL 200, 201, 300, 2700	Location: **N of Coal Mine Rd, opposite (N) Hidden Village Pl**

Soil – Mapped Series:	**Padigan clay (139A)** **Carney clay (27B)** **Coker clay (33A)**
Hydrology Source(s):	**groundwater discharge, ditches, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Teasel
		Cattail

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **36**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**impacted or degraded**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is on gently sloping pasture land between the South and Middle Forks of Larson Creek. Wetland mapping was based primarily on off-site sources including aerial photography, topographic contour mapping and NWI mapping. Limited ground-truthing was conducted from Coal Mine Road. Channels that appear to be drainage ditches or pipe installations are visible in the 1998 aerial photograph. According to state police reports two drainage ditches with drainpipe were installed in 1998 in an attempt to drain the wetland. DSL was notified and began a compliance investigation that remains ongoing to date (DSL Compliance File No. 3752).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LA-W06**
Field Verification Date(s):			
Cowardin Classification(s):	**PSS**	Size (acres):	**0.93**
HGM Classification(s):	**RFT**	Locally Significant:	**N**

Legal: **T37S R1W 27B**	Hydrologic Basin: **Larson**
Tax Lots: 371W27 TL 100, 300, 500	Location: **SW of Cherry Ln and Stanford Ave intersection**

Soil – Mapped Series:	**Coker clay (33A)** **Carney clay (27D)**
Hydrology Source(s):	**unnamed seasonal drainage, stormwater**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**Common cattail**

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **37**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**impacted or degraded**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: Wetland borders a seasonal drainage in agricultural land. Wetland mapping was based on off-site sources including aerial photographs, topographic contour mapping and limited ground-truthing from Cherry Lane and North Phoenix Road and on-site. Part of the water source was an outfall pipe that apparently drained a municipal water tank upslope to the north. The pipe was capped in 2001. A recently excavated ditch adjacent to the wetland may effectively concentrate and convey the water off the site and further reduce hydrologic inputs to the wetland.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LA-W07**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**1.71**
HGM Classification(s):	**DCP**	Locally Significant:	**N**

Legal: **T37S R1W 27A**	Hydrologic Basin: **Larson**
Tax Lots: 371W27 TL 1000, 1101	Location: **SE of intersection of Cherry Ln and Orchard View Ter**

Soil – Mapped Series:	**Carney clay (27D)**
Hydrology Source(s):	**irrigation supply, intermittent stream**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: The site was not viewed directly. It is an excavated irrigation supply pond. The pond intercepts an intermittent drainage.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LA-W08**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**1.24**
HGM Classification(s):	**RI**	Locally Significant:	**N**

Legal: **T37S R1W 27D**	Hydrologic Basin: **Larson**
Tax Lots: 371W27 TL 1201	Location: **S of farm road, 0.4 miles south of Cherry Ln and 0.4 miles E of N Phoenix Rd**

Soil – Mapped Series:	**Coker clay (33A)**
Hydrology Source(s):	**North Fork Larson Creek, irrigation supply**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Himalayan blackberry	**unknown**

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: This is an excavated/bermed irrigation supply pond constructed on the North Fork of Larson Creek.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LP-W01**
Field Verification Date(s):	**5/24/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**0.68**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 07C**
Tax Lots: 371W07 TL 400, 401

Hydrologic Basin: **Lone Pine**
Location: **SE of Biddle Rd and Lawnsdale Rd intersection**

Soil – Mapped Series: **Medford silty clay loam (127A)**

Hydrology Source(s): **channelized remnant drainage, stormwater discharges**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Unknown grasses
		Sedge
		Teasel

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **22**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetland borders a channelized remnant section of a tributary to Lone Pine Creek. Wetland boundaries are defined by the presence of seasonal soil saturation and ponding. The wetland is in a vacant grass-covered lot that is mowed regularly. The upstream portion of the drainage has been placed in a pipe underneath the adjacent BLM offices. The wetland was delineated in 1998 by BWR Associates, Inc. (DSL File No. 98-0452).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LP-W02**
Field Verification Date(s):	**5/16/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**2.53**
HGM Classification(s):	**SV**	Locally Significant:	**Y**

Legal: **T37S R1W 17D**	Hydrologic Basin: **Lone Pine**
Tax Lots: 371W17DD TL 700, 800	Location: **Between Lone Pine Rd, Fredrick Dr, Gene Cameron Way and Canyon Ave**

Soil – Mapped Series:	**Coker clay (33A)** **Debenger-Brader loams (44C)**
Hydrology Source(s):	**Lone Pine Creek tributary, stormwater ditches, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Teasel
		Common cattail

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **23**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**impacted or degraded**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetland is at the bottom of a gently sloping field bordering a remnant segment of a tributary to Lone Pine Creek. The wetland boundary is defined by the change from a wetland plant community to an upland plant community. Water was flowing in the stream during the site visit on May 16, 2001. The tributary to Lone Pine Creek is in long sections of underground pipe upstream and downstream of the site. The wetland is bordered on 3 sides by residential subdivisions.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LP-W05**
Field Verification Date(s):	**5/16/01**		
Cowardin Classification(s):	**PEM PSS**	Size (acres):	**7.08**
HGM Classification(s):	**RI**	Locally Significant:	**Y**

Legal: **T37S R1W 21B**

Tax Lots: 371W21BA TL 500, 502, 503, 1100
37S1W21BB TL 2701, 2800, 2801, 2802, 2803, 2804, 2805, 2900, 3000

Hydrologic Basin: **Lone Pine**

Location: **N of McAndrews Rd, between Brookdale Ave and Thrasher Ln**

Soil – Mapped Series: **Cove clay (35A)**

Hydrology Source(s): **Lone Pine Creek, culverts conveying water from wetland LP-W07**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Oregon ash	**Pipers willow**	**Tall fescue**
		Dense sedge
		Spreading rush
		Bluegrasses
		Reed canarygrass

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **24**

Wildlife Habitat:	**habitat for some species**	Education:	**educational uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**intact**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: The wetland occupies the bottomland floodplain along Lone Pine Creek. Wetland boundaries are defined by the adjacent streets on the east and south sides, by a ditch on the west side and by the topographic break at the floodplain edge north of the creek. The wetland is a mitigation site for wetland impacts associated with the extension of McAndrews Road (DSL File No. FP-15730). Mitigation included excavation of depressions and routing flows from wetland LP-W07 into this wetland. The wetland was delineated in 1995 and 1997 by Loverna Wilson, Environmental Consultant (DSL File No. 98-0505).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LP-W06**
Field Verification Date(s):	**5/16/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**3.49**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 21A T37S R1W 21B**
Tax Lots: 371W21A TL 1201, 1202, 1300
371W21BA TL 1200, 1300, 1306, 1307, 1308

Hydrologic Basin: **Lone Pine**

Location: **N of McAndrews Rd, between Thrasher Ln and Foothill Rd**

Soil – Mapped Series: **Cove clay (35A)**
Coker clay (33A)

Hydrology Source(s): **Lone Pine Creek, stormwater discharge**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Oregon Ash	**Pipers Willow**	**Tall fescue**
		Dense sedge
		Spreading rush
		Bluegrasses
		Reed canarygrass

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **24**

Wildlife Habitat:	**habitat for some species**	Education:	**educational uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**intact**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: The wetland occupies the bottomland floodplain along Lone Pine Creek. Wetland boundaries are defined by the adjacent streets on the east, west and and south sides and by the fill slopes of a residential subdivision to the northwest. The east end of the wetland is associated with the re-routed channel of Lone Pine Creek. The wetland is a mitigation site for wetland impacts associated with the extension of McAndrews Road (DSL File No. FP-15730). Mitigation included excavation and re-routing the east segment of Lone Pine Creek. The wetland was delineated in 1995 and 1997 by Loverna Wilson, Environmental Consultant (DSL File No. 98-0505).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LP-W07** **LP-W08**
Field Verification Date(s):	**5/16/01**		
Cowardin Classification(s):	**PSS PFO PEM**	Size (acres):	**3.46**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 21A T37S R1W 21B**	Hydrologic Basin: **Lone Pine**
Tax Lots: 371W21A TL 1500 371W21BD TL 100, 200, 201, 202	Location: **SW of Foothill Rd and McAndrews Rd intersection**

Soil – Mapped Series:	**Cove clay (35A)** **Padigan clay (139A)**
Hydrology Source(s):	**Lone Pine Creek tributary, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Oregon Ash	**Pipers Willow**	**Tall fescue**
		Dense sedge
		Spreading rush
		Bluegrasses
		Reed canarygrass

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **25**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**impacted or degraded**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland occupies the bottomland floodplain along a tributary of Lone Pine Creek. Wetland boundaries are defined by the adjacent streets bordering the west portion and by the floodplain edges of the east portion. The wetland is bordered on several sides by grazed pasture. Portions of the wetland were impacted by the extension of McAndrews Road (DSL File No. FP-15730).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LP-W10**
Field Verification Date(s):	**5/16/01, 12/04/01**		
Cowardin Classification(s):	**PSS PEM**	Size (acres):	**11.25**
HGM Classification(s):	**SH**	Locally Significant:	**Y**

Legal: **T37S R1W 21B T37S R1W 21C T37S R1W 21D**

Tax Lots: 371W21BD TL 100, 371W21C TL 100, 371W21D TL 100

Hydrologic Basin: **Lone Pine**

Location: **E of Pierce Rd, S of Meadow Creek Dr**

Soil – Mapped Series: **Padigan clay (139A)**, **Carney clay (27D)**, **Debenger-Brader loams (44C)**, **Brader-Debenger loams (17E)**

Hydrology Source(s): **Lone Pine Creek tributary ,flood irrigation, irrigation canal leakage**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**Unknown grasses**
		Soft rush
		Creeping buttercup
		Common cattail

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **26**

Wildlife Habitat:	**diverse wildlife habitat**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland includes a bottomland shrub and emergent wetland area along a tributary of Lone Pine Creek and a large wetland pasture south of the tributary. The wetland is surrounded by grazed pasture. Wetland mapping was primarily based on off-site sources and included aerial photographs, topographic contour mapping and NWI mapping with some on-site ground truthing and additional ground-truthing from adjacent public roads. The Medford Irrigation District East Canal passes just above the wetland to the east and appears to be contributing hydrology through subsurface leakage. The higher elevation portions of the wetland appear to have resulted from this hydrology source, particularly in the southeast corner of the wetland. Hydrology in the wetland pasture is provided by flood irrigation from ponds to the south.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LP-W11**
Field Verification Date(s):	**5/16/01**		
Cowardin Classification(s):	**PSS PUBh**	Size (acres):	**0.61**
HGM Classification(s):	**DCNP**	Locally Significant:	**Y**

Legal: **T37S R1W 21C**	Hydrologic Basin: **Lone Pine**
Tax Lots: 371W21C TL 2600, 2800	Location: **NE of Pierce Rd and Hillcrest Rd intersection**

Soil – Mapped Series: **Debenger-Brader loams (44C)**

Hydrology Source(s): **irrigation supply**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**Unknown**

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **26**
Wildlife Habitat:	**diverse wildlife habitat**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**impacted or degraded**	Aesthetics:	**pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland was not viewed directly. NWI mapping, topographic contour mapping and aerial photographs show a shrub wetland behind a driveway, a dam ponding water upstream, and a shrub wetland upstream from the pond. The wetland is bordered by pastures and rural residences. Hydrology is provided from the pond in wetland LP-W12.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LP-W12**
Field Verification Date(s):	**5/16/01**		
Cowardin Classification(s):	**PSS PUBh**	Size (acres):	**2.43**
HGM Classification(s):	**DCP**	Locally Significant:	**Y**

Legal: **T37S R1W 21C**	Hydrologic Basin: **Lone Pine**
Tax Lots: 371W21C TL 2800	Location: **NE of Pierce Rd and Hillcrest Rd intersection**

Soil – Mapped Series:	**Debenger-Brader loams (44C)**
Hydrology Source(s):	**irrigation supply**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Willow		**Common cattail**

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **26**
Wildlife Habitat:	**diverse wildlife habitat**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**impacted or degraded**	Aesthetics:	**pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The site is a broad, shallow draw that includes a dam-created pond and wetlands south of the pond and is bordered by pasture and forest land. According to the property owner the dam and pond were created approximately 40 years ago.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LZ-W01**
Field Verification Date(s):	**5/17/01**		
Cowardin Classification(s):	**PFO**	Size (acres):	**1.38**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 29C**	Hydrologic Basin: **Lazy**
Tax Lots: 371W29C TL 4500, 4600, 4700, 4800	Location: **NW of Barnett Rd and Highland Dr intersection in Bear Creek Park**

Soil – Mapped Series: **Coker clay (33A)**

Hydrology Source(s): **Lazy Creek, overflow from wetland LZ-W02**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Black cottonwood	**Willow**	**Poison hemlock**
Oregon ash		

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **30**
Wildlife Habitat:	**habitat for some species**	Education:	**educational uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**provides opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: The wetland includes Lazy Creek and is within the Bear Creek riparian forest. Wetland boundaries are defined by a change from the wetland plant community to Himalyan blackberry thickets.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LZ-W02**
Field Verification Date(s):	**5/17/01**		
Cowardin Classification(s):	**PSS**	Size (acres):	**0.82**
HGM Classification(s):	**DO**	Locally Significant:	**Y**

Legal: **T37S R1W 29C**
Tax Lots: 371W29C TL 4600, 4700

Hydrologic Basin: **Lazy**
Location: **NW of Barnett Rd and Highland Dr intersection in Bear Creek Park**

Soil – Mapped Series: **Coker clay (33A)**
Debenger-Brader loams (44C)
Hydrology Source(s): **Lazy Creek overflows, culvert from wetland LZ-W03**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **30**
Wildlife Habitat:	**habitat for some species**	Education:	**educational uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**provides opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is in a depression bordered by Highland Drive on the east, a gravel road fill on the north and fill material on the southwest. Wetland boundaries are defined by the topographic break at the depression edges and the presence of seasonal ponding and soil saturation. Ponded water was observed in the wetland during the May 17, 2001 site visit. The wetland appears to be the original channel of Lazy Creek; the creek now runs in a straight channel south of the wetland. According to Ken Marshall, City of Medford Parks Superintendant, a stream diversion device in Lazy Creek diverts flows into the wetland through a culvert. Overflow from the wetland drains through a culvert into wetland LZ-W01. The wetland also receives overflow through a culvert from wetland LZ-W03.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LZ-W03**
Field Verification Date(s):	**5/17/01**		
Cowardin Classification(s):	**PSS**	Size (acres):	**0.55**
HGM Classification(s):	**DCNP**	Locally Significant:	**Y**

Legal: **T37S R1W 29C**	Hydrologic Basin: **Lazy**
Tax Lots: 371W29C TL 2000	Location: **NW of Barnett Rd and Highland Dr intersection in Bear Creek Park**

Soil – Mapped Series:	**Debenger-Brader loams (44C)**
Hydrology Source(s):	**Roadside ditch, stormwater runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **30**
Wildlife Habitat:	**habitat for some species**	Education:	**educational uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**provides opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is in a depression. A gravel road fill to the south ponds water in the wetland. Wetland boundaries are defined by the pond and depression edges, standing water and seasonally saturated soils, and the change from a wetland plant community to an upland plant community.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LZ-W04**
Field Verification Date(s):	**5/16/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**0.67**
HGM Classification(s):	**SH**	Locally Significant:	**N**

Legal: **T37S R1W 28A**
Tax Lots: 371W28AA TL 100, 202

Hydrologic Basin: **Lazy**
Location: **SW of N Phoenix Rd and Hillcrest Rd intersection**

Soil – Mapped Series: **Coker clay (33A)**

Hydrology Source(s): **irrigation runoff, roadside ditches**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Meadow foxtail
		Tall fescue
		Common velvetgrass
		Soft rush
		Sedge

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **31**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**impacted or degraded**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetland is in a swale in a vacant lot. Wetland boundaries are defined by a change from the wetland plant community to an upland plant community and the presence of drainage patterns. The wetland is not located in an area of mapped hydric soils and appears to have been artificially created from upland as a result of runoff from irrigated orchards on the north side of Hillcrest Road and roadside ditch discharges. A portion of the wetland was delineated in 2000 by Coleman Creek Consulting, Inc. (DSL File No. 00-0413). A wetland fill general authorization was issued by DSL to the City of Medford to realign North Phoenix Road through the wetland (DSL File No. GA-22968). A ditch was excavated at the north end of the wetland in fall 2001 to intercept water entering the wetland and divert it away from the wetland. This will presumably alter the wetland's hydrology over time by drying, shrinking or eliminating the wetland.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LZ-W05**
Field Verification Date(s):			
Cowardin Classification(s):	**PFO**	Size (acres):	**0.62**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 23C**	Hydrologic Basin: **Lazy**
Tax Lots: 371W23 TL 304, 308	Location: **NE of Highcrest Dr and Hillcrest Rd intersection**

Soil – Mapped Series: **Carney clay (27D)**

Hydrology Source(s): **Lazy Creek, stormwater runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Oregon ash	**Willow**	**Field horsetail**
Willow	**Common snowberry**	
	Sweetbrier rose	

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **32**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is contained within the channel of Lazy Creek which is in a steep-sided gully in a vacant field in this location. Wetland boundaries were defined by the steep gully banks, flowing water, and the change from a wetland plant community to an Oregon white oak-Common timothy-Dogtail grass-Queen Anne's lace upland plant community. The wetland was delineated in 2000 by Growing Soils consultants (DSL File No. 00-0533).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LZ-W06**
Field Verification Date(s):	**5/16/01**		
Cowardin Classification(s):	**PSS**	Size (acres):	**1.31**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 23B T37S R1W 23C T37S R1W 22D**

Tax Lots: 371W23BC TL 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2700
371W23CB TL 200, 300, 400, 500
371W23DA TL 3200, 3300, 3400, 3500, 3600, 3700

Hydrologic Basin: **Lazy**

Location: **Between Highcrest Dr, Stardust Way and Cloudcrest Dr**

Soil – Mapped Series: **Coker clay (33C)**

Hydrology Source(s): **Lazy Creek tributary**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**unknown**

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **33**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: Wetland is in a swale that is a tributary to Lazy Creek. Wetland boundaries are defined by the swale edge, flowing water or seasonal soil saturation, and the change from the Willow plant community to upland plant communities. The wetland is surrounded by residential backyards that abut the wetland.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LZ-W07**
Field Verification Date(s):	**5/16/01**		
Cowardin Classification(s):	**PSS PEM**	Size (acres):	**2.98**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 23B**	Hydrologic Basin: **Lazy**
Tax Lots: 371W23 TL 204, 205, 289 371W23BC TL 100, 200	Location: **NE of Highcrest Dr and Cloudcrest Dr intersection**

Soil – Mapped Series:	**Coker clay (33C)** **Carney clay (27D)**
Hydrology Source(s):	**Lazy Creek tributaries, groundwater discharge**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Sitka willow	**Dense sedge**
		Tall fescue
		Soft rush
		Birds-foot trefoil

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **33**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is located on the Oak-grassland footslopes of Roxy Anne Peak. The upper end of the site is an emergent wetland in an area of groundwater discharge. A small stream channel also enters this wetland from upslope. Water flows from the emergent wetland through two shrub wetland swales with distinct channels that eventually merge into a single swale. Wetland boundaries are defined by the topographic break at the swale/channel edges, seasonal flowing water or soil saturation and drainage patterns, and the change from a wetland plant community to a Medusahead-Wild oat-Poison oak upland plant community. The wetland was delineated in 2001 by Land and Water Environmental Services, Inc. (DSL File No. 01-0420).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**LZ-W08**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**0.99**
HGM Classification(s):	**DCP**	Locally Significant:	**N**

Legal: **T37S R1W 28B**	Hydrologic Basin: **Lazy**
Tax Lots: 371W28B TL 5900	Location: **S of E Fairview Pl, W of S Greenway Dr**

Soil – Mapped Series:	**Debenger-Brader loams (44C)**
Hydrology Source(s):	**municipal or irrigation supply**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: The site was not viewed directly. It is an excavated pond in the Rogue Valley Country Club Golf Course. A smaller pond (less than 0.5 acres in size) was not inventoried.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W01**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**4.87**
HGM Classification(s):	**SV**	Locally Significant:	**Y**

Legal: **T36S R2W 36D**
Tax Lots: 362W36D TL 1300

Hydrologic Basin: **Midway**
Location: **NE of Table Rock Rd and Vilas Rd intersection in the airport runway protection zone**

Soil – Mapped Series: **Cove clay (35A)**
Agate-Winlo complex (6B)
Hydrology Source(s): **precipitation, runoff, occasional overflow from Midway Creek**

Dominant Wetland Vegetation		
TREES/SHRUBS	HERBS	
	Meadow foxtail	**English plantain**
	Mediterranean barley	**Birds-foot trefoil**
	Soft rush	
	Dutch clover	
	Curly dock	

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **03**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetland is in a depression along the east side of the former channel of Midway Creek. Midway Creek was re-routed to the east in 1999 as part of a runway extension project at the Rogue Valley International-Medford Airport. The new creek channel enters the north end of the wetland from the east, traverses it and connects into the existing channel on the west side of the wetland. The wetland is within the airport runway protection zone and is mowed regularly. The wetland boundaries are based on the topographic break at the depression edge, seasonally saturated soils and ponding, and the change from a wetland plant community to a Medusahead-Tall fescue dominated upland plant community. The wetland was delineated in 1999 by David Evans and Associates, Inc. (DSL Fill Permit No. FP-17158).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W03**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM PEMx**	Size (acres):	**1.52**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R2W 1A**	Hydrologic Basin: **Midway**
Tax Lots: 372W1A TL 1400, 5201	Location: **SE of Table Rock Rd and Vilas Rd intersection, south portion on airfield**

Soil – Mapped Series:	**Cove clay (35A)**	**Coker clay (33A)**
	Agate-Winlo complex (6B)	
Hydrology Source(s):	**channelized flow, stormwater discharges, runoff**	

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Meadow foxtail
		Mediterranean barley
		Spikerush

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **04**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: This wetland has two sections: the north section is the former channel of Midway Creek. The creek was re-routed in 1999 as part of a runway extension project at the Rogue Valley International-Medford Airport (DSL Fill Permit No. FP-17158). The south portion of the wetland is a shallow swale that originates in the airfield and flows into the former Midway Creek channel. The south portion was probably graded during construction or expansion of the airfield and is now mowed regularly. The wetland boundaries are based on the topographic break at the channel and swale edge, the presence of surface water or saturated soil and drainage patterns, and the change from a wetland plant community to a Medusahead-Tall fescue dominated upland plant community. The north portion of the wetland was flooded during the April 1995 LWI and had saturated soils and ponding in May 2001. The south portion of the wetland was delineated in 1999 by David Evans and Associates, Inc. (DSL Fill Permit No. FP-17158).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W09**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**4.24**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R2W 1A**
Tax Lots: 372W1A TL 100, 400, 1400, 2000

Hydrologic Basin: **Midway**
Location: **SW of N Runway Dr and Vilas Rd intersection, on airfield**

Soil – Mapped Series: **Agate-Winlo complex (6B)**
Coker clay (33A)
Hydrology Source(s): **precipitation, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Common camas
		Mediterranean barley
		Spikerush
		Curly dock
		Teasel

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **05**

Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetland is in a depression on the Rogue Valley International-Medford Airport airfield and is mowed regularly. The wetland was isolated until 1999 when Midway Creek was re-routed; the new channel passes through the wetland. The site was probably graded during construction or expansion of the airfield. Wetland boundaries are defined by subtle changes in topography, seasonal standing water or saturated soils, and the change from a wetland plant community to a Medusahead-Tall fescue dominated upland plant community. The wetland was delineated in 1999 by David Evans and Associates, Inc. (DSL Fill Permit No. FP-17158).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W13**
Field Verification Date(s):	**5/24/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**1.59**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R2W 1D**
Tax Lots: 372W1D TL 200

Hydrologic Basin: **Midway**
Location: **Between Pech Rd, Schulz Rd, Hadley Dr and the airport**

Soil – Mapped Series: **Agate-Winlo complex (6B)**
Hydrology Source(s): **precipitation, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Meadow foxtail*
		Mediterranean barley*

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **06**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetlands are a group of vernal pools in a vacant field. The area was mapped as a wetland/upland mosaic. Wetland boundaries are defined by the depressions associated with patterned ground, seasonal ponding and the change from a wetland plant community to an upland plant community. The property owner reports that the pools have standing water in winter and early spring.

The presence or absence of vernal pool associated rare plants or vernal pool fairy shrimp has not been determined to date.

*Plant species on site could not be positively identified. The species listed above were identified as the dominant plants of vernal pools on the Rogue Valley International-Medford airport immediately east of this site during a wetland delineation by David Evans and Associates, Inc. in 1999 (DSL File No. FP-17158).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W16**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**6.03**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R1W 6C T37S R2W 1D**
Tax Lots: 371W6C TL 2400, 372W1D TL 100

Hydrologic Basin: **Midway**

Location: **On airfield, E of the N end of Runway 14-32 (north-south runway) next to Midway Creek**

Soil – Mapped Series: **Coker clay (33A)**, **Cove clay (35A)**

Hydrology Source(s): **precipitation, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Meadow foxtail
		Mediterranean barley
		English plantain
		Birds-foot trefoil
		White clover

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **07**

Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**intact**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetland is in a depression on the Rogue Valley International-Medford Airport airfield and is mowed regularly. The site was probably graded during construction or expansion of the airfield. Wetland boundaries are defined by a topographic change at the depression edge, the presence of seasonal standing water or saturated soils and the change from a wetland plant community to a Medusahead-Tall fescue dominated upland plant community. The wetland was delineated in 1999 by David Evans and Associates, Inc. (DSL Fill Permit No. FP-17158).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W24** **MD-W25**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**1.74**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R1W 7A**	Hydrologic Basin: **Midway**
Tax Lots: 371W7 TL 400	Location: **On airfield, E of Runway 14-32 (north-south runway), N of Runway 9-27**

Soil – Mapped Series:	**Agate-Winlo complex (6B)**
Hydrology Source(s):	**precipitation, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Meadow foxtail
		Bulbous bluegrass
		Curly dock
		Birds-foot trefoil
		Saxifrage

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **08**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetlands are a group of vernal pools on the Rogue Valley International-Medford Airport airfield. The site was probably graded during construction or expansion of the airfield. The site is mowed regularly. Wetland boundaries are defined by the depressions associated with patterned ground, the presence of seasonal standing water or saturated soils and the change from a wetland plant community to a Medusahead-Tall fescue dominated upland plant community. The wetland was delineated in 1999 by David Evans and Associates, Inc. (DSL Fill Permit No. FP-17158).

A survey in 1999 for vernal pool fairy shrimp, a federally listed species, found no shrimp.

Agate desert parsley (*Lomatium Cookii*), a plant species listed as endangered under the state Endangered Species Act and proposed for listing as endangered under the federal Endangered Species Act, has been documented in and around these wetlands.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W26**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**8.99**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R1W 6C**	Hydrologic Basin: **Midway**
Tax Lots: 371W6 TL 2401	Location: **NW of Medco Haul Rd and Midway Creek intersection**

Soil – Mapped Series:	**Phoenix clay (141A)**
Hydrology Source(s):	**precipitation, runoff**

Dominant Wetland Vegetation		
TREES/SHRUBS	HERBS	
Black cottonwood	**Creeping spikerush**	**Shining peppergrass**
	Common cattail	**Turkey mullein**
	Spike-primrose	**Coyote thistle**
	Dock	
	Broad-leaf water plantain	

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **09**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetlands are a group of vernal pools in the Medford Foreign Trade Zone property at the Rogue Valley International-Medford Airport. The area was mapped as a wetland/upland mosaic. The site has some fill material around the pool areas and may have been graded in association with construction or expansion of the airport. Wetland boundaries are defined by the depressions associated with patterned ground, wetland drainage patterns and water-stained leaves, and the change from a wetland plant community to a Spikeweed-Medusahead dominated upland plant community. The site was delineated by Scoles Associates, Inc. in 1993 but a review by DSL was never completed (DSL File No. FP-12733).

The presence or absence of vernal pool associated rare plants or vernal pool fairy shrimp has not been determined to date.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W27 MD-W31 MD-W28 MD-W32 MD-W29 MD-W33 MD-W30**
Field Verification Date(s):	**5/24/01**		
Cowardin Classification(s):	**PSSx PEMx**	Size (acres):	**20.37**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R1W 6D**
Tax Lots: 371W6 TL 2700

Hydrologic Basin: **Midway**

Location: **Between Medco Haul Rd and Crater Lake Highway (62) in drained log pond**

Soil – Mapped Series: **water feature**

Hydrology Source(s): **precipitation, runoff, overflow from wetlands MD-W34 & MD-W35**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**Rabbitfoot grass**
	Black cottonwood	**Teasel**
		Bulbous bluegrass
		Soft rush
		Velvet grass

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **10**

Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetlands are located in the bottom of a former log pond. The log pond was created by excavating soil from the pond site that was then used to construct surrounding berms. Wetlands are located in the lower elevations of the former pond bottom. Wetland boundaries are defined by elevation, seasonal ponding and saturated soils, and the change from a wetland plant community to an upland plant community. The former log pond contains areas of fill material composed of wood chips and rock. The wetland was delineated by Terrascience, Inc. in 1999 (DSL File No. 99-0467).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W34**
Field Verification Date(s):	**5/13/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**1.05**
HGM Classification(s):	**SV**	Locally Significant:	**Y**

Legal: **T37S R1W 6D**	Hydrologic Basin: **Midway**
Tax Lots: 371W6 TL 2700	Location: **Between Medco Haul Rd and Crater Lake Highway (62), E of abandoned log pond**

Soil – Mapped Series:	**Padigan clay (139A)** **Coker clay (33A)**
Hydrology Source(s):	**precipitation, runoff**

Dominant Wetland Vegetation		
TREES/SHRUBS	HERBS	
	Soft rush	**Curly dock**
	Common cattail	**Sedge**
	Rabbitfoot grass	**Medusahead**
	Water foxtail	**Tall fescue**
	Spikerush	

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **11**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is a remnant of a natural drainage located in a vacant field. Wetland boundaries are defined by the topographic change at the drainage channel edges, seasonal soil saturation and ponding, and the change from a wetland plant community to a Bulbous bluegrass-Tall fescue-Star thistle-Medusahead upland plant community. The wetland's outlet is blocked at the downstream end by the berm surrounding a former log pond (wetland MD-W27). Overflow from the wetland drains into the former log pond through a ditch cut in the berm. The wetland was delineated by Terrascience, Inc. in 1999 (DSL File No. 99-0467).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W35**
Field Verification Date(s):	**5/13/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**1.65**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 6D**
Tax Lots: 371W6 TL 2700

Hydrologic Basin: **Midway**
Location: **Between Medco Haul Rd and Crater Lake Highway (62), E of abandoned log pond**

Soil – Mapped Series: **Padigan clay (139A)**, **Phoenix clay (141A)**
Hydrology Source(s): **culvert under Crater Lake Hwy (62), runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Common cattail
		Soft rush
		Sedge
		Water foxtail
		False loosestrife

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **12**

Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is a remnant of a natural drainage located in a vacant field. Wetland boundaries are defined by the topographic change at the drainage channel edges, seasonal soil saturation and ponding, and the change from a wetland plant community to a Bulbous bluegrass-Tall fescue-Star thistle-Medusahead upland plant community. The wetland has an incised channel. The wetland changes to an excavated ditch at the site of a former log pond (wetland MD-W27). The wetland was delineated by Terrascience, Inc. in 1999 (DSL File No. 99-0467).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W39**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**14.77**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R1W 6D T37S R1W 7A**
Tax Lots: 371W6 TL 3901

Hydrologic Basin: **Midway**
Location: **NE of Medco Haul Rd and Midway Creek intersection**

Soil – Mapped Series: **Phoenix clay (141A)**
Hydrology Source(s): **precipitation, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **13**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetlands are a group of vernal pools in a vacant field. The area was mapped as a wetland/upland mosaic. Wetland boundaries are defined by the depressions associated with patterned ground, seasonal ponding and saturated soils and the change from a wetland plant community to an upland plant community. Portions of the vernal pools were delineated in 2002 by Terrascience, Inc. for an access road right of way along the north and east of this site (DSL File No. 02-0122). The entire site was delineated in 1999 by Mason, Bruce & Girard, Inc. for the Oregon Department of Transportation. The wetland delineation has not been submitted to DSL for review to date.

The presence or absence of vernal pool associated rare plants or vernal pool fairy shrimp has not been determined to date.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W40**
Field Verification Date(s):	**5/24/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**5.18**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T37S R1W 6D T37S R1W 7A**
Tax Lots: 371W6 TL 3901, 371W7A TL 900

Hydrologic Basin: **Midway**
Location: **Along Midway Creek E of Medco Haul Road to Lear Way**

Soil – Mapped Series: **Cove clay (35A)**, **Phoenix clay (141A)**
Hydrology Source(s): **Midway Creek**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**Common cattail**
		Soft rush
		Perennial ryegrass
		Jointed rush
		Birds-foot trefoil

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **14**

Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**provides opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**intact**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is in the floodplain of Midway Creek in vacant fields. Midway Creek flows through the wetland. Wetland boundaries are defined by the topographic change at the floodplain edge, flowing water and saturated soils, and the change from a wetland plant community to a Perennial ryegrass-Soft brome dominated upland plant community. The portion of the wetland on tax lot 900 was delineated in 1998 by Northwest Biological Consulting (DSL File No. 98-0424).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W41**
Field Verification Date(s):	**5/13/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**0.54**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R1W 6D**	Hydrologic Basin: **Midway**
Tax Lots: 371W6 TL 2800, 2900	Location: **NW of Crater Lake Hwy (62) and Coker Butte Rd intersection**

Soil – Mapped Series: **Carney clay (27B)**

Hydrology Source(s): **ditch conveying water from Crater Lake Hwy (62) ditch system**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Teasel
		Common cattail
		Soft rush

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **15**

Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**provides opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is located in a shallow depression and contains a small excavated pond. Wetland boundaries are defined by the topographic change at the depression edge, seasonal ponding and saturated soils, and the change from a wetland plant community to an upland plant community. Standing water and saturated soils were observed during the April 1995 LWI and a November 1999 DSL site visit. Algal mats were observed during the May 13, 2001 site visit. The wetland is bordered by developed areas on the east and south and vacant fields on the north and west.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W44**
Field Verification Date(s):	**5/14/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**8.03**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R1W 7C**
Tax Lots: 371W7 TL 400

Hydrologic Basin: **Midway**
Location: **On airfield, E of Runway 14-32 (north-south runway), S of Runway 9-27**

Soil – Mapped Series: **Agate-Winlo complex (6B)**
Hydrology Source(s): **precipitation, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Meadow foxtail
		Soft rush
		White clover

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **16**

Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**intact**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetlands are a group of vernal pools on the Rogue Valley International-Medford Airport airfield. The area was mapped as a wetland/upland mosaic. The site was probably graded during construction or expansion of the airfield and is mowed regularly. Wetland boundaries are defined by the depressions associated with patterned ground and the change from a wetland plant community to a Medusahead-Tall fescue dominated upland plant community.

The presence or absence of vernal pool associated rare plants or vernal pool fairy shrimp has not been determined to date.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W46 MD-W49 MD-W47 MD-W50 MD-W48**
Field Verification Date(s):	**5/14/01**		
Cowardin Classification(s):	**PSS PEM**	Size (acres):	**0.77**
HGM Classification(s):	**DCP DCNP**	Locally Significant:	**Y**

Legal: **T37S R1W 7D**	Hydrologic Basin: **Midway**
Tax Lots: 371W7 TL 400, 402 371W7D TL 400	Location: **Vacant lot between Medco Haul Rd, Delta Waters Rd and N of Lone Pine Creek**

Soil – Mapped Series:	**Agate-Winlo complex (6B)**
Hydrology Source(s):	**precipitation, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **17**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**provides opportunities**
Water Quality:	**intact**	Aesthetics:	**pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland consists of 3 excavated ponds surrounded by Willows and 2 small emergent depressions. Wetland boundaries are defined by the pond and depression edges, standing water or seasonally saturated soils, and the change from a wetland plant community to an upland plant community. The wetlands contained standing water and saturated soils during the May 14, 2001 site visit. A survey of water levels in March 1998 was provided to DSL (DSL File No. 99-0505). The ponds contain tires and other debris. Surrounding areas include vacant fields and the Rogue Valley International-Medford Airport.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W51** **MD-W52** **MD-W53**
Field Verification Date(s):	**5/14/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**1.09**
HGM Classification(s):	**Flat**	Locally Significant:	**Y**

Legal: **T37S R1W 7D**
Tax Lots: 371W7D TL 400

Hydrologic Basin: **Midway**
Location: **Vacant lot between Medco Haul Rd, Delta Waters Rd and N of Lone Pine Creek**

Soil – Mapped Series: **Agate-Winlo complex (6B)**
Hydrology Source(s): **precipitation, runoff**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Foxtail barley*
		Soft rush*
		Spikerush*

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **18**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**moderate**		

Comments: The wetlands are a group of vernal pools in a vacant field. The area was mapped as a wetland/upland mosaic. The site is mowed regularly. Wetland boundaries are defined by the depressions associated with patterned ground, bare ground from ponding and the change from a wetland plant community to a Medusahead-Tall fescue dominated upland plant community. The site was delineated in 1999 by Mason, Bruce & Girard, Inc. for the Oregon Department of Transportation. The wetland delineation has not been submitted to DSL for review to date.

The presence or absence of vernal pool associated rare plants or vernal pool fairy shrimp has not been determined to date.

*Plant species on site could not be positively identified. The species listed above were identified during a wetland delineation by Schott and Associates of a nearby vernal pool that straddles this property and the lot to the north and is in a similar condition (DSL File No. 00-0396).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W54**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM PSS PEMx**	Size (acres):	**8.77**
HGM Classification(s):	**SV**	Locally Significant:	**Y**

Legal:	**T37S R1W 8B T37S R1W 8C**	Hydrologic Basin: **Midway**
Tax Lots:	371W8BC TL 2500, 2600, 2700, 2800 371W8BD TL 500, 1900 371W8CA TL 200 371W8C TL 100, 200, 300	Location: **NE of Crater Lake Ave and Webfoot Dr intersection**

Soil – Mapped Series:	**Padigan clay (139A)**	**Coker clay (33A)**
	Cove clay (35A)	**Carney clay (27B)**
Hydrology Source(s):	**Garrett Reservoir discharges, runoff**	

Dominant Wetland Vegetation		
TREES/SHRUBS	HERBS	
Willow	**Birds-foot trefoil**	**Common velvetgrass**
	Spreading rush	**Teasel**
	Soft rush	**Kentucky bluegrass**
	Reed canarygrass	**Meadow foxtail**
	Dense sedge	**Common cattail**

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: **19**	
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is located in the bottomland floodplain along Garrett Creek and Midway Creek. The wetland boundaries are defined by the topographic break at the floodplain edge on the north side and filled areas on the south side, wetland drainage patterns and seasonally saturated soils, and the change from a wetland plant community to a Brome-Tall Fescue-Perennial ryegrass-Teasel dominated upland plant community. A wetland delineation was conducted in 2000 by Northwest Biological Consulting (DSL File No. 00-0429). A second wetland delineation of the western half of the wetland was conducted in 2000 by Terrascience, Inc. (DSL File No. 01-0041). DSL has not completed its review of the two wetland delineations to date.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W55**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**2.26**
HGM Classification(s):	**DCP**	Locally Significant:	**N**

Legal: **T37S R1W 8D**
Tax Lots: 371W8 TL 1100

Hydrologic Basin: **Midway**
Location: **NE of Cheltenham Way and Edgewood Dr intersection**

Soil – Mapped Series: **Padigan clay (139A)**, **Carney clay (27B)**

Hydrology Source(s): **irrigation supply ditch, ditch from wetland MD-56**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
unknown	**unknown**	**unknown**

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **20**

Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**potential opportunities**
Water Quality:	**impacted or degraded**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**moderate**		

Comments: The site was not viewed directly. It is an irrigation pond excavated in part from an area of mapped hydric soil. Aerial photographs show a large open water pond partially bordered by deciduous trees. The pond was identified as a jurisdictional wetland in a wetland determination conducted in 1999 by Terrascience, Inc. (DSL File No. 99-0506).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W56**
Field Verification Date(s):	**5/14/01**		
Cowardin Classification(s):	**PEMx**	Size (acres):	**1.92**
HGM Classification(s):	**DCNP**	Locally Significant:	**Y**

Legal: **T37S R1W 8D**
Tax Lots: 371W8 TL 1400

Hydrologic Basin: **Midway**
Location: **N side of Abraham Lincoln Elementary School at N end of McLoughlin Drive**

Soil – Mapped Series: **Carney clay (27B)**
Hydrology Source(s): **stormwater discharges, precipitation**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**Soft rush**
		Common cattail

OFWAM ASSESSMENT RESULTS — ASSESSMENT UNIT: **21**

Wildlife Habitat:	**habitat for some species**	Education:	**educational uses**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**provides opportunities**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is in a depression that has a constructed berm along the north side. Wetland boundaries are defined by topographic changes at the depression edges, seasonally saturated soils or ponding, and a change from a wetland plant community to an upland plant community. The wetland is a mitigation site for wetland impacts associated with the construction of the adjacent elementary school (DSL File No. FP-12548). The site contains an interpretive kiosk and trail. The wetland was delineated in 1995 by Scoles Associates, Inc. (DSL File No. FP-12548).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W57**
Field Verification Date(s):			
Cowardin Classification(s):	**PUBx**	Size (acres):	**0.81**
HGM Classification(s):	**DCNP**	Locally Significant:	**N**

Legal: **T37S R1W 8C**	Hydrologic Basin: **Midway**
Tax Lots: 371W8CA TL 200	Location: **NE of E end of Webfoot Dr**

Soil – Mapped Series:	**Coker clay (33A)** **Padigan clay (139A)**
Hydrology Source(s):	**unknown**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: This site was not viewed directly. It is an excavated or impounded pond that is part of the Medford Ready Mix Concrete operation. The western edge of the pond is in an area of mapped hydric soil (Padigan clay) in the soil survey.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W58** **MD-W59** **MD-W60**
Field Verification Date(s):	**5/14/01**		
Cowardin Classification(s):	**PUBx**	Size (acres):	**0.60, 0.62, 0.64**
HGM Classification(s):	**DCP**	Locally Significant:	**N**

Legal: **T37S R1W 16B 37S R1W 16C**	Hydrologic Basin: **Midway**
Tax Lots: 371W16 TL 800, 1000 371W16CA TL 2200	Location: **N and S sides of Cedar Links Dr in Cedar Links Golf Course**

Soil – Mapped Series:	**Padigan clay (139A)** **Carney clay (27B)**
Hydrology Source(s):	**municipal or irrigation supply**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		unknown

OFWAM ASSESSMENT RESULTS		ASSESSMENT UNIT: --	
Wildlife Habitat:	**NOT ASSESSED**	Education:	**NOT ASSESSED**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**NOT ASSESSED**
Water Quality:	**NOT ASSESSED**	Aesthetics:	**NOT ASSESSED**
Hydrologic Control:	**NOT ASSESSED**	Sensitivity to Future Impacts:	**NOT ASSESSED**
Enhancement Potential:	**NOT ASSESSED**		

Comments: These are excavated ponds in the Cedar Links Golf Course. MD-W58 and MD-W59 are in an area mapped as hydric soil (Padigan clay) in the soil survey. There are four smaller ponds (less than 0.5 acres each) that were not inventoried.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W61**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**2.61**
HGM Classification(s):	**SV**	Locally Significant:	**N**

Legal: **T36S R2W 36D**
Tax Lots: 362W36D TL 102

Hydrologic Basin: **Midway**
Location: **S of Bateman Rd and E of Midway Creek**

Soil – Mapped Series: **Cove clay (35A)**
Agate-Winlo complex (6B)

Hydrology Source(s): **precipitation, runoff, occasional overflow from Midway Creek**

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
		Meadow foxtail

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **52**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**impacted or degraded**	Recreation:	**not appropriate**
Water Quality:	**impacted or degraded**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is in a depression along the east side of Midway Creek. Wetland boundary mapping was based on visible portions of the wetland, hydric soils mapping, topographic contour mapping and aerial photographic interpretation. Fill material was being placed along the east edge of the wetland as of May 2002.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**MD-W62**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM**	Size (acres):	**1.17**
HGM Classification(s):	**DCNP**	Locally Significant:	**Y**

Legal: **T36S R1W 31D**	Hydrologic Basin: **Midway**
Tax Lots: unknown	Location: **N of intersection of E Vilas Rd and Medco Haul Rd; W of Medford Gun Club**

Soil – Mapped Series:	**Coker clay (33A)**	**Phoenix clay (141A)**
	Padigan clay (139A)	
Hydrology Source(s):	**roadside drainage ditches, precipitation**	

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **53**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: The wetland is a mitigation site constructed by the Jackson County Road Department to compensate for wetland impacts from the widening of Vilas Road (DSL Application No. GA 22849.) The wetland is a series of four excavated shallow depressions draining to the north. The wetland was newly constructed when observed from Vilas Road in December 2001. Wetland boundaries were digitized from the mitigation plan in the permit application.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**SW-W01**
Field Verification Date(s):			
Cowardin Classification(s):	**PEM PSS**	Size (acres):	**6.65**
HGM Classification(s):	**SV**	Locally Significant:	**Y**

Legal: **T36S R1W 31D**	Hydrologic Basin: **Swanson**
Tax Lots: 361W31D TL 3000, 3200, 3300, 3500, 3600	Location: **NW of Crater Lake Hwy (62) and Vilas Road intersection**

Soil – Mapped Series:	**Padigan clay (139A)**	**Phoenix clay (141A)**
	Coker clay (33A)	
Hydrology Source(s):	**surface ditches, runoff**	

Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
	Willow	**Common cattail**
		Teasel

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **01**
Wildlife Habitat:	**habitat for some species**	Education:	**not appropriate**
Fish Habitat:	**NOT ASSESSED**	Recreation:	**potential opportunities**
Water Quality:	**intact**	Aesthetics:	**not pleasing**
Hydrologic Control:	**impacted or degraded**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: Most of the wetland is behind a large berm (north of berm) and was not viewed directly. The southeast portion was viewed from Vilas Road. Wetland boundary mapping was based on visible portions of the wetland, hydric soils mapping, topographic contour mapping and aerial photographic interpretation. The wetland has a channel/ditch through its length that eventually discharges into Swanson Creek. Adjacent properties include the Medford Gun Club shooting range to the south, vacant lots to the east and rural residential/pasture lands to the north and west.

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**SW-W02**
Field Verification Date(s):	**5/13/01**		
Cowardin Classification(s):	**PEM**	Size (acres):	**2.23**
HGM Classification(s):	**SV**	Locally Significant:	**Y**

Legal: **T36S R1W 32C**	Hydrologic Basin: **Swanson**
Tax Lots: 361W32C TL 200	Location: **E of Crater Lake Hwy (62) , N of Swanson Creek**

Soil – Mapped Series: **Padigan clay (139A)**, **Cove clay (35A)**

Hydrology Source(s): **overflow from wetlands to the east, irrigation overflow , runoff**

Dominant Wetland Vegetation		
TREES/SHRUBS	HERBS	
	Spreading rush	**Spikerush**
	Dense sedge	**Common velvet grass**
	Creeping butter-cup	**Rall fescue**
	One-sided sedge	**Water foxtail**
	Birds-foot trefoil	

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **02**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**intact**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**intact**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: This site is a portion of a larger wetland to the east, outside the urban growth boundary. Wetland SW-W03 is also part of the larger wetland. The wetland is located in pasture land along the north side of the access road to Sterling Business Forms. The wetland is associated with two ditches that drain to the west end of the property and then discharge through a culvert under the access road and into Swanson Creek. The wetland is in two narrow bands along the ditches until it reaches the west end of the site where it becomes somewhat larger. Wetland boundaries are defined by changes from the wetland plant community to an upland pasture plant community and seasonally saturated soils and ponding. The wetland was delineated in 1999 by Terrascience, Inc. See DSL File No. 99-0371. A wetland fill permit has been issued by DSL to fill the wetland at this site and mitigate in the larger wetland to the east (DSL Application No. 22156).

Wetland Summary Sheet

Sample Plot Numbers:		Wetland Code(s):	**SW-W03**
Field Verification Date(s):			
Cowardin Classification(s):	**PFO**	Size (acres):	**0.48**
HGM Classification(s):	**RFT**	Locally Significant:	**Y**

Legal: **T36S R1W 32C**	Hydrologic Basin: **Swanson**
Tax Lots: 361W32C TL 300	Location: **E of Crater Lake Hwy (62) , along Swanson Creek**

Soil – Mapped Series:	**Cove clay (35A)** **Coker clay (33A)**
Hydrology Source(s):	**Swanson Creek**

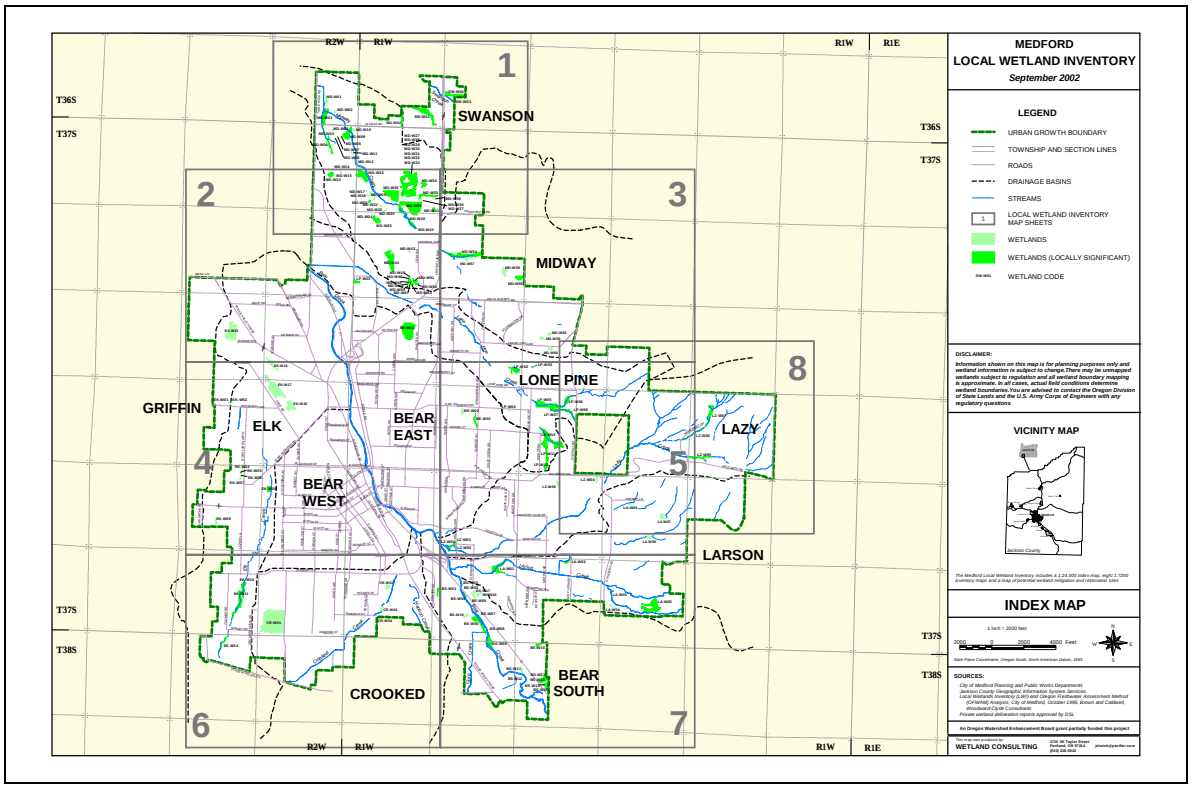
Dominant Wetland Vegetation		
TREES	SHRUBS	HERBS
Oregon ash		**Sawbeak sedge**
Willow		**Teasel**
		Soft rush
		vetch

OFWAM ASSESSMENT RESULTS			ASSESSMENT UNIT: **02**
Wildlife Habitat:	**habitat for some species**	Education:	**potential uses**
Fish Habitat:	**intact**	Recreation:	**not appropriate**
Water Quality:	**intact**	Aesthetics:	**moderately pleasing**
Hydrologic Control:	**intact**	Sensitivity to Future Impacts:	**potentially sensitive**
Enhancement Potential:	**high**		

Comments: This site is a portion of a larger wetland to the east, outside the urban growth boundary. Wetland SW-W02 is also part of the larger wetland. The wetland is in the floodplain along Swanson Creek. Wetland boundaries are defined by a defined topographic break at the floodplain edge and a change from a wetland plant community to an upland plant community. The north side of the wetland is bordered by a field, the south side by filled lands. The portion of the wetland outside the urban growth boundary was delineated by Terrascience, Inc.(DSL File No. 99-0371) and conditions are assumed to be similar in the portion of the wetland within the urban growth boundary.

Appendix C. Local Wetland Inventory Maps

The Medford Local Wetland Inventory Maps include a 24” x 36” color index map (scale 1:24,000) and eight 24” x 36” color inventory map sheets (scale 1:7200).



Appendix D. OFWAM Wetlands of Special Interest for Protection

Wetlands that are uncommon, already in a resource management plan, or protected by regulatory rules or statutes were identified as "wetlands of special interest for protection" as part of the Oregon Freshwater Wetlands Assessment Methodology. The methodology includes ten questions used to determine if any wetlands in the study area meet the following criteria:

- contain or provide critical habitat for species that are rare, threatened, or endangered;
- dedicated as a state or federal natural area or natural heritage conservation area;
- dedicated as a Nature Conservancy Preserve;
- of regional or national significance for migratory birds;
- protected by local management plans under Goal 5 or 17;
- designated a State Outstanding Resource Water;
- in a protected area in a park management plan;
- protected mitigation site;
- federal restoration or conservation reserve program; or
- rare or unique in Oregon.

A variety of federal, state, local and non-profit agencies, reference materials and internet sites were the sources of information to complete this section. The detailed responses to the questions follow.

1. *Does the wetland contain threatened, endangered or sensitive species of wildlife, plants, invertebrates or fish? (Either federal- or state-listed. Include species.)*

The Oregon Natural Heritage Program (ONHP) database (ONHP 2001) was consulted to determine actual sightings of threatened, endangered or sensitive species of wildlife, plants, invertebrates, or fish within a 2-mile radius of the study area (Medford Urban Growth Boundary). The 1999 Draft Environmental Assessment for the Rogue Valley International-Medford Airport Proposed Improvements (DEA 1999) was reviewed for sightings in the north half of the airport property. Oregon Department of Fish and Wildlife was also consulted for specific locations of threatened, endangered or sensitive fish species.

Cooks Lomatium (State endangered/Federal candidate) was listed by ONHP as occurring on the northeast portion of the airport property. This population was documented in 1999 in the Draft Environmental Assessment for the Rogue Valley International-Medford Airport Proposed Improvements. The plant occurs in wetlands: MD-W20, MD-W24 and MD-W25, all located on the airfield.

Cooks Lomatium was also listed by ONHP as occurring just east of the airport at the end of Cardinal Avenue. No wetlands were mapped in this location. The site appears to have been recently filled and graded.

2. *Is the wetland designated as critical habitat or essential habitat for federal- or state-listed threatened, endangered or sensitive species of wildlife, plants, invertebrates or fish? If yes, list species.*

Critical habitat for Coho salmon was designated by the National Marine Fisheries Service on May 5, 1999 (Federal Register 1999) and includes streams, riparian areas (defined functionally) and off-channel habitat in the current range of the species. Coho salmon use Bear Creek for spawning and rearing. Juvenile salmon may occasionally use the lower reaches of Lone Pine Creek, Lazy Creek and Larson Creek during storm events. Wetlands BS-W04, BS-W06 and BS-W09 are within Bear Creek's riparian area and may include off-channel habitat.

3. *Is the wetland a dedicated or proposed Registered State Natural Area or Area of Critical Environmental Concern, State Natural Heritage Conservation Area, Federal Research Natural Area, or Nature Conservancy Preserve?*

No wetlands in the study area are dedicated or proposed as Registered State Natural Areas, Areas of Critical Environmental Concern, State Natural Heritage Conservation Area, Federal Research Natural Area, or Nature Conservancy Preserve (personal communication, Darren Borgias, The Nature Conservancy 2001).

4. *Is the wetland of regional or national significance for migratory birds?*

No wetlands in the study area are documented as being of regional or national significance for migratory birds (Brown and Caldwell and Woodward-Clyde Consultants 1995; personal communication, John Thiebes, ODFW 2001).

5. *Is the wetland protected in a local wetland conservation plan or a local comprehensive plan as a Goal 5 or Goal 17 resource?*

There are no wetlands currently protected in a local wetland conservation plan or a local comprehensive plan as a Goal 5 or Goal 17 resource (personal communication, Suzanne Myers, City of Medford 2001).

6. *Is the wetland a designated State Outstanding Resource Water?*

There are no waters designated as State Outstanding Resource Waters in the state of Oregon according to DEQ.

7. *Is the wetland protected in a federal, state, or local management plan (e.g. for a park, refuge, or scenic river?*

There are no wetlands protected in a federal, state or local management plan within the study area. Several wetlands were mapped in city parks in Medford including wetlands LZ-W01, LZ-W02 and LZ-W03 in Bear Creek Park and wetland BE-W03 in Donahue-Frohnmayer Park. The Medford Parks and Recreation Department wetlands policy is to take a 'hands off' approach with some exceptions:

- -wetlands are monitored when construction is going on around them to make sure no plant materials are disturbed or excess materials backfilled or silted into the wetlands.
- -wetlands are monitored on a seasonal basis for the presence or occurrence of noxious weeds that have been identified and listed by the State of Oregon. This has occasionally required that crews work within the wetlands to eradicate those specific weeds (personal communication, Ken Marshall, Medford Parks and Recreation Department).

The Jackson County Parks Department manages the Bear Creek Greenway which includes several county-owned riparian and wetland properties including wetland BS-W02 and a portion of BS-W06. The Greenway is managed for resource protection and recreational uses. The only development activities are trail construction (personal communication, Karen Smith, Jackson County Parks).

8. *Is the wetland a protected mitigation site for a State Removal-Fill permit, federal 404 fill permit, or enforcement action? Protected means there is a legal instrument, such as a conservation easement, that will preclude a wetland impact permit from being issued for this site.*

Inquiries were made to the Portland District Army Corps of Engineers (COE) Regulatory Branch, the Environmental Protection Agency (EPA) wetlands program in Portland and the Division of State Lands (DSL) regulatory program in Salem. EPA does not have any protected mitigation sites in Medford (personal communication, Yvonne Vallette, EPA Portland Office). COE did not respond to the inquiry. DSL does not have the information available (personal communication, Larry Devroy, DSL Mitigation Specialist 2001).

9. *Is the wetland a restoration or protected area included in the wetland reserve program administered by the Natural Resources Conservation Service? The length of protection may vary depending on landowner agreements.*

There are no wetlands enrolled in the wetland reserve program in Jackson County (personal communication, Nicola Giardina, USDA 2001).

10. *Is the wetland considered rare or unique in Oregon? Examples include bogs, vernal pools and old growth forested wetlands.*

The only potential rare or unique wetland types in the study area are vernal pools. The vernal pools in the study area have all been degraded and no longer contain good examples of the native vernal pool plant communities (personal communication, Darren Borgias, The Nature Conservancy, 2001).

Appendix E. OFWAM Wetland Characterization Results

This appendix contains the results of the Oregon Freshwater Wetland Assessment Methodology wetland characterization. The characterization is based on the responses to 58 questions about the assessment area watersheds and the individual wetland assessment units. The results include two sections: (1) questions and responses about the assessment area watersheds, and (2) a table with responses for individual wetland assessment units.

Watershed Setting

1. *What is the name of the drainage basin that contains your assessment area?*

The study area is in the Middle Rogue Hydrologic Unit of the Rogue River Drainage Basin (Figure 4). Most of the Medford UGB is within the Bear Creek watershed. The northeast portion of the UGB is drained by Midway and Swanson Creeks that are tributaries of the Rogue River.

2. *What is the watershed's area in square miles?*

Bear Creek watershed is approximately 362 square miles and the Rogue River sub-watershed containing Swanson and Midway Creeks is approximately 213 square miles.

3. *Calculate the average slope of the watershed*

This information is not used in completing the OFWAM assessment.

4. *Is the stream flow in the watershed modified by dams, channelization or levees?*

All of the streams in the study area have modified stream flows. They have all been extensively channelized and have had large segments placed in pipes underground. Several of the streams have in-channel ponds. Bear Creek in the study area is a wide, entrenched system with very low sinuosity. It is generally a single thread channel with a few limited reaches with multi-thread channels. The stream is generally disconnected from its floodplain. The channel corridor from Medford upstream to Talent alternates between rural, agricultural, and urban-type land use impacts to the riparian zone and has several low-head dams and backwater areas associated with irrigation diversions (DEQ 1999).

5. *Is water being taken out of the stream(s) through active diking, drainage or irrigation districts in the watershed upstream of the assessment area?*

Medford Irrigation District, Rogue River Irrigation District and Talent Irrigation District operations affect stream flow in the study area watersheds. All of the streams in the study area are interconnected with the system of canals and ditches used for irrigation.

Irrigation water is supplied by the Emigrant Lake Reservoir located on Emigrant Creek, a Bear Creek tributary upstream of the study area, and by Agate Reservoir, which is located downstream from the study area. The irrigation districts also use water from reservoirs in the Klamath Basin. Stream flows are managed as part of the irrigation delivery system from April to October. Stream channels are used in conjunction with irrigation canals and ditches to deliver water to users. Stream flows are augmented during the irrigation season through the conveyance of irrigation water and from irrigation runoff that drains to the streams. The City of Medford Public Works Department and the irrigation districts also use the stream channels to convey stormwater runoff during the winter and early spring (November to March). (Jeff Eicher, Rogue River Irrigation District).

6. *What is the dominant land use in the watershed upstream from the assessment area?*

Forestry (111,000+ acres) is the largest land use classification in the Bear Creek watershed followed by agriculture (79,000+ acres). Agriculture is largest classification in the Rogue River sub-watershed containing Swanson and Midway Creeks.

7. *Are any streams in the study area listed as water quality limited by the Oregon Department of Environmental Quality?*

Bear Creek is listed for temperature, habitat modification, flow modification and bacteria. Crooked Creek is listed for temperature and bacteria. Larson Creek is listed for temperature and bacteria. Lazy Creek is listed for bacteria. Lone Pine Creek is listed for temperature (DEQ 1998).

8. *What are the nonpoint source pollution water quality conditions of stream reaches in the watershed upstream from the assessment area?*

Bear Creek is rated “severe” overall and “severe” for water quality conditions affecting fish, aquatic habitat, contact recreation, drinking water supplies. Several Bear Creek tributaries upstream of the study area are rated “moderate” for a variety of nonpoint source pollution problems. Midway Creek is rated “no problem and/or no data available”. No other streams in the project area are rated (DEQ 1988).

9. *What fisheries are present in the watersheds?*

The following wild populations of cold water anadromous and resident fish have been documented by the Oregon Department of Fish and Wildlife:

Name	**Range**	**Use**
Coho salmon	Bear Creek	spawning and rearing
Winter steelhead	Bear Creek	spawning and rearing
Summer steelhead	Larson Creek Bear Creek	spawning and rearing rearing and migration
Resident cutthroat trout, rainbow trout and juvenile salmon and steelhead	Bear Creek Larson Creek Lone Pine Creek to airport Lazy Creek to Black Oak Drive	spawning and rearing (trout) occasional use during storm events (salmon/steelhead)
Fall chinook	Bear Creek	spawning and rearing
Native non-game	Bear and lower reaches of tributaries are potential habitat	no data

It is likely that some hatchery strays make their way into the Bear Creek system, however there are no local hatcheries. A variety of introduced warm water fish are present in reservoirs and streams including large-mouth bass, small-mouth bass, bluegill, bullheads,, black crappie, green sunfish, mosquito fish and yellow perch. The fish are released into reservoirs and ponds and then disperse into the connected waterways. The overall populations are not believed to be large (personal communication, David Haight ODFW).

10. *Are known sensitive, threatened or endangered fish species present in the watershed?*

Coho salmon are listed as threatened under the federal Endangered Species Act and the state Endangered Species Act. Critical habitat for Coho salmon was designated by the National Marine Fisheries Service on May 5, 1999 and includes streams, riparian areas (defined functionally) and off-channel habitat in the current range of the species. Other sensitive species include Chinook salmon, steelhead and resident cutthroat trout.

11. *What wildlife species are present in the watersheds?*

This information is not used in completing the OFWAM assessment.

12. *Are known sensitive, threatened or endangered plant species or wildlife species other than fish present in the watershed?*

The following wetland-related sensitive, threatened or endangered plant species or wildlife species are present in the watersheds:

Name	**Habitat**	**Range**	**Status**
Cook's lomatium	vernal pool margins	Agate Desert	State endangered Federal candidate
Big-flowered wooly meadow foam	vernal pools	Agate Desert	State endangered Federal candidate
Vernal pool fairy shrimp	vernal pools	Agate Desert	Federal threatened
Bald eagle	various	Oregon	Federal threatened
Northwestern pond turtle	waterways	Oregon	species of concern

13. *Does the watershed provide a natural corridor for fish and wildlife movement?*

This information is not used in completing the OFWAM assessment.

14. *What are the landscape features at both ends of the movement corridor?*

This information is not used in completing the OFWAM assessment.

Individual Wetland Assessment Units

OFWAM wetland characterization results for individual wetland assessment units are in the following table. Assessment units are numbered 1 – 53. Units 46 and 49 have been deleted. Unit 46 included wetland site EK-W03 which was determined not to be a wetland during review of the draft inventory. Unit 49 included wetland EK-W09. This wetland was delineated during review of the draft inventory and determined to be less than 0.5 acres in size, below the threshold for inventory and assessment.

The following abbreviations are used in the table:

ag agriculture

dev developed or development

open open space

PEM palustrine emergent

PSS palustrine scrub-shrub

PFO palustrine forested

ASSESSMENT QUESTIONS

UNIT	*15*	*16*	*17*	*18*	*19*	*20*	*21*	*22*	*23*	*24*
01	ag-c, dev-b	ag	a	a	b	dev-c	PEM-a, PSS-d	a	c	c
02	ag-c, dev-b	dev	a	a	a	ag-c, dev-b	PEM-b, PFO-c	a	b	b
03	dev-c	dev	b	a	a	dev-c	PEM-a	a	c	c
04	dev-c	dev	b	a	a	dev-c	PEM-a	a	b	c
05	dev-c	dev	b	a	b	dev-c	PEM-a	a	c	c
06	dev-c	dev	b	b	b	dev-c	PEM-a	a	b	c
07	dev-c	dev	a	b	b	dev-c	PEM-a	b	c	c
08	dev-c	dev	b	b	b	dev-c	PEM-a	a	c	c
09	dev-c	dev	b	b	b	dev-c	PEM-a	a	b	c
10	dev-c	dev	a	a	b	dev-c	PSS-b, PEM-c	a	a	b
11	ag-c, dev-b	dev	b	a	b	dev-c	PEM-a	a	b	c
12	ag-c, dev-b	dev	b	a	b	dev-c	PEM-a	a	c	c
13	ag-c, dev-a, open-a	ag	a	b	b	dev-c	PEM-a	a	b	c
14	ag-c, dev-a	dev	a	a	a	dev-c	PEM-a	a	c	c
15	dev-c, ag-b	ag	b	b	b	dev-c	PEM-a	a	c	c
16	dev-c	dev	a	b	b	dev-c	PEM-a	a	c	c
17	dev-c, ag-a	dev	b	b	b	dev-c	PSS-a	a	a	c
18	dev-c, ag-a	dev	b	b	b	dev-c	PEM-a	b	b	c
19	dev-c, ag-a	dev	a	a	b	dev-c, ag-a	PEM-b, PSS-c	a	c	c
20	ag-c, dev-a	ag	b	a	b	ag-c, dev-a	PUB-a	b	b	c
21	ag-c, dev-b	ag	b	a	b	ag-c, dev-b	PEM-a	a	c	c
22	dev-c, ag-c	dev	b	a	b	dev-c	PEM-a	a	c	c
23	dev-c, ag-c	dev	b	b	b	dev-c	PEM-a	b	c	c
24	ag-c, dev-b, open-a	dev	a	a	a	dev-c, ag-a	PEM-a, PSS-c	a	b	c
25	ag-b, dev-b, open-a	dev	b	a	a	dev-c, ag-b	PSS-b, PFO-c, PEM-c	a	a	b
26	ag-b, dev-b, open-a	dev	a	a	b	dev-c, ag-a	PEM-b, PSS-c	a	b	a
27	dev-c, ag-b	ag	a	b	b	dev-c	PEM-a	a	b	c
28	ag-c, dev-b	dev	b	b	b	dev-c	PEM-a	b	b	c
29	dev-c, ag-a, open-a	dev	b	a	b	dev-c	PEM-a, PSS-c	a	a	c
30	open-c, dev-a	open	b	a	a	dev-c	PFO-b, PSS-b	a	a	c
31	ag-c, dev-a, open-a	dev	b	b	b	dev-c, ag-a	PEM-a	a	c	c
32	dev-c, ag-a, open-a	dev	b	a	b	dev-c	PFO-a	a	a	c
33	dev-c, open-b	dev	b	a	b	dev-c	PSS-b, PEM-c	a	a	c
34	dev-c, open-a	open	a	a	a	dev-c	PFO-a, PSS-d	a	a	c
35	ag-c, dev-b	ag	b	a	b	dev-c	PEM-a	b	c	c
36	ag-c	ag	a	a	b	ag-c, dev-a	PEM-a	a	c	c
37	ag-c, dev-b	ag	b	a	b	ag-c, dev-b	PSS-b, PEM-c	b	a	c
38	dev-c, ag-a	dev	b	b	b	dev-c	PEM-a	a	b	c
39	dev-b, ag-b, open-b	open	b	a	a	dev-c	PFO-a	a	a	c
40	open-c, dev-a, ag-a	open	b	a	a	dev-c, ag-b	PFO-b, PEM-c	a	a	c
41	ag-c, open-b	open	b	a	a	ag-c, dev-a	PFO-a	a	a	c
42	ag-c, dev-b	dev	b	a	b	ag-c, dev-a	PEM-a	a	b	c
43	ag-c, dev-a	dev	b	b	b	ag-c	PEM-a	b	c	c
44	dev-b, ag-b, open-a	dev	b	a	b	dev-c	PEM-a	b	b	c
45	dev-c, ag-a	dev	a	b	b	dev-c	PEM-a	b	c	c
47	dev-c, ag-b	dev	b	a	a	dev-c	PEM-a	b	b	c
48	dev-c, ag-a	dev	b	a	b	dev-c	PEM-a	b	c	c
50	dev-c, ag-b	ag	a	a	b	dev-c	PEM-a	a	b	c
51	dev-c, ag-b	dev	b	a	b	dev-c	PEM-a	b	c	c
52	dev-c, ag-a	dev	b	a	a	dev-c	PEM-a	b	c	c
53	ag-c, dev-b	ag	b	a	b	dev-c	PEM-a	b	c	c

ASSESSMENT QUESTIONS (continued)

UNIT	*25*	*26*	*27*	*28*	*29*	*30*	*31*	*32*	*33*	*34*	*35*	*36*	*37*	*38*	*39*	*40*	*41*	*42*	*43*
01		a	a	d	c	NA	NA	NA	NA	NA	NA	a	a	c	a	a	c	b	b
02	c		a	d	b	a	a	c	NA	NA	NA	a	a	c	a	b	b	a	a
03		b	a	d	b	c	d	c	NA	NA	NA	b	a	c	c	a	c	b	a
04		c	a	d	b	c	d	c	NA	NA	NA	a	a	c	a	NA	c	b	a
05		c	a	d	c	c	d	c	NA	NA	NA	b	a	c	a	NA	c	c	a
06		c	b	d	c	NA	NA	NA	NA	NA	NA	b	a	a	a	NA	c	a	b
07		c	b	d	c	NA	NA	NA	NA	NA	NA	b	a	a	a	NA	c	b	a
08		c	b	d	c	NA	NA	NA	NA	NA	NA	b	a	a	a	NA	c	a	b
09		a	b	d	c	NA	NA	NA	NA	NA	NA	b	a	a	a	NA	c	b	a
10		a	a	d	c	NA	NA	NA	NA	NA	NA	b	a	c	a	NA	c	b	b
11		a	a	d	c	NA	NA	NA	NA	NA	NA	b	a	b	a	NA	c	a	b
12		a	a	d	c	NA	NA	NA	NA	NA	NA	a	a	b	a	NA	c	a	b
13		a	b	d	c	NA	NA	NA	NA	NA	NA	b	a	a	a	b	c	a	a
14		a	a	d	b	a	d	c	NA	NA	NA	a	a	b	a	a	b	a	a
15		b	b	d	c	NA	NA	NA	NA	NA	NA	a	a	a	a	a	b	a	b
16		c	b	d	c	NA	NA	NA	NA	NA	NA	b	a	a	b	a	c	b	b
17		a	b	d	c	NA	NA	NA	b	a	a	b	a	a	b	a	a	b	b
18		c	b	d	c	NA	NA	NA	NA	NA	NA	b	a	a	b	a	b	a	b
19		a	a	d	b	b	b	c	NA	NA	NA	b	a	c	b	a	b	a	a
20		c	a	b	c	NA	NA	NA	b	c	c	a	a	a	c	a	c	a	a
21		a	b	d	c	NA	NA	NA	NA	NA	NA	a	a	a	a	a	a	a	a
22		c	b	d	c	NA	NA	NA	NA	NA	NA	a	a	b	c	a	b	b	b
23		b	b	d	c	c	d	c	NA	NA	NA	a	b	c	c	a	b	a	b
24		b	a	d	b	a	b	c	NA	NA	NA	a	a	c	a	a	a	a	a
25		b	a	d	b	a	b	c	NA	NA	NA	a	b	c	a	NA	b	a	a
26		b	a	c	c	a	c	c	b	b	c	a	a	c	a	b	c	a	a
27		c	b	d	c	NA	NA	NA	NA	NA	NA	b	a	a	a	b	b	a	b
28		c	b	d	c	NA	NA	NA	NA	NA	NA	c	a	c	a	NA	c	a	a
29		a	b	d	c	b	b	c	NA	NA	NA	a	a	c	a	NA	a	a	a
30		a	a	d	a	b	b	c	b	a	c	a	a	c	b	a	a	a	a
31		c	b	d	c	NA	NA	NA	NA	NA	NA	a	b	c	a	b	b	a	a
32		b	a	d	b	a	a	c	NA	NA	NA	a	a	c	a	b	b	b	a
33		b	a	d	b	a	a	c	NA	NA	NA	a	a	c	a	a	b	a	a
34		a	a	d	a	a	a	c	NA	NA	NA	a	a	c	a	NA	b	a	a
35		b	a	d	b	c	b	c	NA	NA	NA	a	b	c	a	a	b	a	a
36		c	a	d	a	a	a	c	NA	NA	NA	c	b	c	b	a	c	a	a
37		b	b	d	c	b	a	c	NA	NA	NA	a	b	c	a	a	c	a	a
38		a	b	d	c	NA	NA	NA	NA	NA	NA	b	a	a	a	b	a	b	b
39		a	a	d	a	a	a	b	NA	NA	NA	a	a	c	a	a	b	a	a
40		a	a	d	a	a	a	b	NA	NA	NA	a	a	c	a	NA	a	a	a
41		a	a	d	a	a	a	a	NA	NA	NA	a	a	c	b	a	a	a	a
42		c	a	d	c	NA	NA	NA	b	c	c	a	a	b	c	a	c	a	a
43		a	b	d	c	NA	NA	NA	NA	NA	NA	c	c	c	a	NA	c	a	a
44		c	b	d	c	NA	NA	NA	b	c	c	a	a	a	b	a	c	a	a
45		c	b	d	c	NA	NA	NA	NA	NA	NA	b	b	c	a	a	a	a	b
47		b	b	d	c	NA	NA	NA	NA	NA	NA	a	b	b	a	NA	b	a	a
48		c	a	d	b	c	a	c	NA	NA	NA	a	a	b	a	NA	b	a	a
50		c	a	d	b	a	d	c	b	c	c	a	a	c	a	a	c	a	a
51		c	a	d	b	a	d	c	NA	NA	NA	a	a	c	a	NA	c	a	a
52		c	a	d	b	c	d	c	NA	NA	NA	a	b	c	a	a	c	a	a
53		a	a	d	c	NA	NA	NA	NA	NA	NA	a	a	a	a	a	c	b	b

ASSESSMENT QUESTIONS (continued)

UNIT	*44*	*45*	*46*	*47*	*48*	*49*	*50*	*51*	*52*	*53*	*54*	*55*	*56*	*57*	*58*
01	c	b	b	c	c	c	a		b	b	NA	b	c	c	c
02	a	a	c	c	c	b	a	a		b	NA	a	b	b	b
03	b	a	c	c	c	c	b		b	b	NA	b	c	c	c
04	b	a	b	c	c	c	b		b	a	a	b	c	c	c
05	b	a	c	c	c	b	b		b	a	b	b	c	c	c
06	NA	a	c	c	c	c	b		b	b	NA	b	b	b	b
07	c	a	c	c	c	c	b		b	b	NA	b	c	c	c
08	NA	b	c	c	c	c	b		a	b	NA	a	c	c	c
09	b	a	b	c	c	c	b		b	a	b	b	c	c	c
10	NA	a	b	c	b	c	b		b	a	b	b	b	b	b
11	NA	a	c	c	c	c	b		b	b	NA	a	b	b	b
12	NA	a	b	c	c	c	b		a	b	NA	b	c	c	c
13	a	a	b	c	c	c	b		a	b	NA	a	b	b	b
14	a	a	a	c	a	b	b		a	b	NA	a	b	b	b
15	NA	a	a	c	a	c	b		b	a	a	b	c	c	c
16	NA	a	c	c	c	c	b		b	b	NA	b	c	c	c
17	NA	a	a	c	a	b	b		b	a	a	a	b	b	b
18	NA	a	b	c	c	c	b		b	a	b	a	b	b	b
19	a	a	a	c	c	b	b		b	b	NA	a	b	b	b
20	a	b	c	b	b	b	b		b	b	NA	a	b	b	b
21	a	a	a	c	a	c	b		b	b	NA	a	a	a	a
22	NA	a	a	c	c	c	b		b	b	NA	b	c	c	c
23	NA	a	a	c	c	c	b		b	b	NA	a	a	a	a
24	a	a	b	c	a	c	b		b	b	NA	b	c	c	c
25	b	a	b	c	c	b	b		b	b	NA	a	b	b	b
26	a	a	c	c	c	b	b		b	b	NA	a	b	b	b
27	NA	b	b	c	c	c	b		b	b	NA	a	b	b	b
28	a	b	c	c	c	c	b		b	b	NA	b	c	c	c
29	a	a	a	c	a	c	b		b	b	NA	a	b	b	b
30	a	a	a	c	a	b	b		b	b	NA	a	b	b	b
31	a	a	b	c	c	c	b		b	b	NA	b	c	c	c
32	a	a	b	c	b	c	b		b	b	NA	a	b	b	b
33	a	a	a	c	c	c	b		b	b	NA	a	b	b	b
34	a	a	a	c	b	b	b		b	b	NA	a	b	b	b
35	a	a	b	c	c	b	b		b	b	NA	a	c	c	c
36	a	b	c	c	c	b	a		b	b	NA	a	a	a	a
37	a	b	c	c	c	c	b		b	b	NA	a	b	b	b
38	NA	a	a	c	c	c	b		b	a	a	a	c	c	c
39	a	b	b	c	c	b	b		a	b	NA	a	c	c	c
40	a	b	c	c	c	b	a		a	b	NA	a	b	b	b
41	a	b	c	c	c	b	a		a	b	NA	a	a	a	a
42	b	b	c	c	c	c	b		b	b	NA	a	b	b	b
43	a	a	a	c	c	c	a		b	b	NA	b	c	c	c
44	a	a	c	c	c	c	a		b	b	NA	b	c	c	c
45	NA	a	b	c	c	c	b		b	b	NA	a	b	b	b
47	a	a	b	c	c	c	a		b	b	NA	a	b	b	b
48	a	a	b	c	c	b	a		b	b	NA	a	a	a	a
50	a	a	c	c	c	b	b		b	b	NA	a	b	b	b
51	a	b	b	c	c	b	a		b	b	NA	a	b	b	b
52	a	a	c	c	c	b	a		c	b	NA	a	c	c	c
53	NA	a	c	c	c	c	b		b	b	NA	a	c	c	c

Appendix F. OFWAM Wetland Assessment Results

WILDLIFE HABITAT

UNIT	Questions 1	2	3	4	5	6	7	8	9	Assessment Descriptor
01	b	c	c	c	a	a	a	b	a	habitat for some species
02	b	b	b	c	a	a	a	b	c	habitat for some species
03	b	c	c	c	a	a	a	c	b	habitat for some species
04	b	b	c	c	a	a	a	c	c	habitat for some species
05	b	c	c	c	a	a	a	c	c	habitat for some species
06	b	b	c	c	b	b	a	c	c	habitat for some species
07	c	c	c	c	b	b	a	c	c	habitat for some species
08	b	c	c	c	b	b	a	c	c	habitat for some species
09	b	b	c	c	b	b	a	c	a	habitat for some species
10	a	a	b	c	a	a	a	c	a	habitat for some species
11	b	b	c	c	a	a	a	b	a	habitat for some species
12	b	c	c	c	a	a	a	b	a	habitat for some species
13	b	b	c	c	b	b	a	b	a	habitat for some species
14	b	c	c	c	a	a	a	b	a	habitat for some species
15	b	c	c	c	b	b	a	c	b	habitat for some species
16	b	c	c	c	b	b	a	c	c	habitat for some species
17	b	a	c	c	b	b	a	c	a	habitat for some species
18	c	b	c	c	b	b	a	c	c	habitat for some species
19	a	c	c	c	a	a	a	c	a	habitat for some species
20	c	b	c	a	a	a	a	b	c	habitat for some species
21	b	c	c	c	a	b	a	b	a	habitat for some species
22	b	c	c	c	a	b	c	b	c	habitat for some species
23	c	c	c	c	b	b	c	b	b	habitat for some species
24	a	b	c	c	a	a	c	b	b	habitat for some species
25	a	a	b	c	a	a	c	b	b	habitat for some species
26	a	b	a	b	a	a	c	b	b	diverse wildlife habitat
27	c	b	c	c	b	b	c	c	c	habitat for some species
28	c	b	c	c	b	b	c	b	c	habitat for some species
29	a	a	c	c	a	b	c	c	a	habitat for some species
30	a	a	c	c	a	a	c	a	a	habitat for some species
31	b	c	c	c	b	b	c	b	c	habitat for some species
32	b	a	c	c	a	a	c	c	b	habitat for some species
33	a	a	c	c	a	a	c	c	b	habitat for some species
34	b	a	c	c	a	a	c	c	a	habitat for some species
35	c	c	c	c	a	a	c	b	b	habitat for some species
36	b	c	c	c	a	a	c	b	c	habitat for some species
37	a	a	c	c	a	b	c	b	b	habitat for some species
38	b	b	c	c	b	b	c	c	a	habitat for some species
39	b	a	c	c	a	a	c	b	a	habitat for some species
40	a	a	c	c	a	a	c	a	a	habitat for some species
41	b	a	c	c	a	a	c	b	a	habitat for some species
42	b	b	c	c	a	a	c	b	c	habitat for some species
43	c	c	c	c	b	b	c	b	a	habitat for some species
44	c	b	c	c	a	b	c	b	c	habitat for some species
45	c	c	c	c	b	b	a	c	c	habitat for some species
47	c	b	c	c	a	b	a	c	b	habitat for some species
48	c	c	c	c	a	a	a	c	c	habitat for some species
50	b	b	c	c	a	a	a	b	c	habitat for some species
51	c	c	c	c	a	a	a	c	c	habitat for some species
52	c	c	c	c	a	a	a	c	c	habitat for some species
53	c	c	c	c	a	a	a	b	a	habitat for some species

FISH HABITAT

UNIT	Questions (S-streams P-ponds)												Assessment Descriptor
	S1	*S2*	*S3*	*S4*	*S5*	*S6*	*P1*	*P2*	*P3*	*P4*	*P5*	*P6*	
01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
02	a	a	c	a	b	b	NA	NA	NA	NA	NA	NA	intact
03	c	c	c	a	c	b	NA	NA	NA	NA	NA	NA	impacted or degraded
04	c	c	c	a	c	b	NA	NA	NA	NA	NA	NA	impacted or degraded
05	c	c	c	a	c	c	NA	NA	NA	NA	NA	NA	impacted or degraded
06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
14	c	a	c	a	b	b	NA	NA	NA	NA	NA	NA	impacted or degraded
15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
17	NA	NA	NA	NA	NA	NA	b	a	a	a	c	c	impacted or degraded
18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
19	b	b	c	a	c	b	NA	NA	NA	NA	NA	NA	impacted or degraded
20	NA	NA	NA	NA	NA	NA	b	c	c	a	b	c	impacted or degraded
21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
23	c	c	c	c	b	c	NA	NA	NA	NA	NA	NA	impacted or degraded
24	b	a	c	c	b	b	NA	NA	NA	NA	NA	NA	impacted or degraded
25	b	a	c	c	b	b	NA	NA	NA	NA	NA	NA	impacted or degraded
26	c	a	c	c	b	c	b	c	b	NA	NA	NA	impacted or degraded
27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
29	b	b	c	c	c	c	NA	NA	NA	NA	NA	NA	impacted or degraded
30	b	b	c	c	a	a	b	c	a	c	a	a	impacted or degraded
31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
32	a	a	c	c	c	b	NA	NA	NA	NA	NA	NA	impacted or degraded
33	a	a	c	c	c	b	NA	NA	NA	NA	NA	NA	impacted or degraded
34	a	a	c	c	c	a	NA	NA	NA	NA	NA	NA	impacted or degraded
35	b	c	c	c	b	b	NA	NA	NA	NA	NA	NA	impacted or degraded
36	a	a	c	c	b	a	NA	NA	NA	NA	NA	NA	impacted or degraded
37	a	b	c	c	b	c	NA	NA	NA	NA	NA	NA	impacted or degraded
38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
39	a	a	b	c	b	a	NA	NA	NA	NA	NA	NA	intact
40	a	a	b	c	a	a	NA	NA	NA	NA	NA	NA	intact
41	a	a	a	c	b	a	NA	NA	NA	NA	NA	NA	intact
42	NA	NA	NA	NA	NA	NA	b	c	c	c	b	c	impacted or degraded
43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
44	NA	NA	NA	NA	NA	NA	b	c	c	c	b	c	impacted or degraded
45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED
48	a	c	c	a	c	b	NA	NA	NA	NA	NA	NA	impacted or degraded
50	c	a	c	a	c	b	b	c	c	a	c	b	impacted or degraded
51	c	a	c	a	c	b	NA	NA	NA	NA	NA	NA	impacted or degraded
52	c	c	c	a	c	b	NA	NA	NA	NA	NA	NA	impacted or degraded
53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NOT ASSESSED

WATER QUALITY

UNIT	Questions 1	2	3	4	5	6	Assessment Descriptor
01	a	a	a	a	b	c	intact
02	a	a	a	a	b	c	intact
03	b	a	a	b	a	c	intact
04	a	a	a	b	a	c	intact
05	b	a	a	b	a	c	intact
06	b	a	a	b	a	c	intact
07	b	a	a	a	a	c	intact
08	b	a	a	b	a	c	intact
09	b	a	a	b	a	c	intact
10	b	a	a	a	a	c	intact
11	b	a	a	b	b	c	intact
12	a	a	a	b	b	c	intact
13	b	a	a	a	b	c	intact
14	a	a	a	a	b	c	intact
15	a	a	a	b	a	c	intact
16	b	a	a	a	a	c	intact
17	b	a	a	b	a	c	intact
18	b	a	a	b	a	c	intact
19	b	a	a	a	a	c	intact
20	a	a	c	b	b	c	impacted or degraded
21	a	a	a	b	b	c	intact
22	a	a	a	b	a	a	intact
23	a	b	a	b	a	a	impacted or degraded
24	a	a	a	a	b	a	intact
25	a	b	a	b	a	a	impacted or degraded
26	a	a	a	a	b	a	intact
27	b	a	a	a	a	a	intact
28	c	a	a	b	b	a	impacted or degraded
29	a	a	a	b	a	a	intact
30	a	a	a	b	c	a	intact
31	a	b	a	b	b	a	impacted or degraded
32	a	a	a	b	a	a	intact
33	a	a	a	b	a	a	intact
34	a	a	a	a	a	a	intact
35	a	b	a	b	b	a	impacted or degraded
36	c	b	a	a	b	a	impacted or degraded
37	a	b	a	b	b	a	impacted or degraded
38	b	a	a	b	a	a	intact
39	a	a	a	b	a	a	intact
40	a	a	a	b	c	a	intact
41	a	a	a	b	b	a	intact
42	a	a	a	b	b	a	intact
43	c	c	a	b	b	a	impacted or degraded
44	a	a	a	b	a	a	intact
45	b	b	a	a	a	c	impacted or degraded
47	a	b	a	b	a	c	impacted or degraded
48	a	a	a	b	a	c	intact
50	a	a	a	a	a	c	intact
51	a	a	a	b	a	c	intact
52	a	b	a	b	a	c	impacted or degraded
53	a	a	a	b	b	c	intact

HYDROLOGIC CONTROL

UNIT	*Questions* 1	2	3	4	5	6	7	*Assessment Descriptor*
01	b	a	a	c	c	b	b	impacted or degraded
02	a	a	a	c	b	a	b	intact
03	a	a	b	c	c	a	b	impacted or degraded
04	a	a	b	c	b	a	b	impacted or degraded
05	b	a	b	c	c	a	b	impacted or degraded
06	b	a	b	a	b	a	b	impacted or degraded
07	b	a	a	a	c	a	b	intact
08	b	a	b	a	c	a	b	impacted or degraded
09	b	a	b	a	b	a	b	impacted or degraded
10	b	a	a	c	a	a	b	impacted or degraded
11	b	a	b	b	b	a	b	impacted or degraded
12	b	a	b	b	c	a	b	impacted or degraded
13	b	a	a	a	b	b	b	impacted or degraded
14	a	a	a	b	c	a	b	intact
15	b	a	b	a	c	b	b	impacted or degraded
16	b	a	a	a	c	a	b	intact
17	b	a	b	a	a	a	b	impacted or degraded
18	b	a	b	a	b	a	b	impacted or degraded
19	b	a	a	c	c	a	b	impacted or degraded
20	b	a	b	a	b	b	b	impacted or degraded
21	b	a	b	a	c	b	b	impacted or degraded
22	b	a	b	b	c	a	c	impacted or degraded
23	b	b	b	c	c	a	c	impacted or degraded
24	a	a	a	c	b	a	c	intact
25	a	b	b	c	a	a	c	impacted or degraded
26	b	a	a	c	b	a	c	impacted or degraded
27	b	a	a	a	b	b	c	impacted or degraded
28	b	a	b	c	b	a	c	impacted or degraded
29	b	a	b	c	a	a	c	impacted or degraded
30	a	a	b	c	a	c	c	impacted or degraded
31	b	b	b	c	c	a	c	impacted or degraded
32	b	a	b	c	a	a	c	impacted or degraded
33	b	a	b	c	a	a	c	impacted or degraded
34	a	a	a	c	a	c	c	intact
35	b	b	b	c	c	b	c	impacted or degraded
36	b	b	a	c	c	b	c	impacted or degraded
37	b	b	b	c	a	b	c	impacted or degraded
38	b	a	b	a	b	a	c	impacted or degraded
39	a	a	b	c	a	c	c	impacted or degraded
40	a	a	b	c	a	c	c	impacted or degraded
41	a	a	b	c	a	c	c	impacted or degraded
42	b	a	b	b	b	a	c	impacted or degraded
43	b	c	b	c	c	a	c	lost or not present
44	b	a	b	a	b	a	c	impacted or degraded
45	b	b	a	c	c	a	c	impacted or degraded
47	a	b	b	b	b	a	c	impacted or degraded
48	b	a	b	b	c	a	c	impacted or degraded
50	b	a	a	c	b	b	c	impacted or degraded
51	b	a	b	c	c	a	c	impacted or degraded
52	a	b	b	c	c	a	b	impacted or degraded
53	b	a	b	a	c	b	b	impacted or degraded

SENSITIVITY TO FUTURE IMPACTS

UNIT	*Questions* 1	2	3	4	5	6	*Assessment Descriptor*
01	a	a	c	b	a	b	potentially sensitive
02	b	a	c	b	b	c	potentially sensitive
03	a	a	c	a	a	b	potentially sensitive
04	b	a	c	a	a	c	potentially sensitive
05	b	a	c	a	a	b	potentially sensitive
06	a	a	c	a	a	c	potentially sensitive
07	a	a	c	a	a	b	potentially sensitive
08	a	a	c	a	a	b	potentially sensitive
09	a	a	c	a	a	c	potentially sensitive
10	b	a	c	a	a	a	potentially sensitive
11	b	a	c	b	a	c	potentially sensitive
12	b	a	c	b	a	b	potentially sensitive
13	a	a	c	b	a	c	potentially sensitive
14	a	a	c	b	a	b	potentially sensitive
15	a	a	c	a	a	b	potentially sensitive
16	a	a	c	a	a	b	potentially sensitive
17	a	a	c	a	a	c	potentially sensitive
18	a	a	c	a	a	c	potentially sensitive
19	a	a	c	a	a	b	potentially sensitive
20	a	a	c	b	b	c	potentially sensitive
21	a	a	c	b	b	b	potentially sensitive
22	a	a	a	a	a	b	sensitive
23	a	a	a	a	a	b	sensitive
24	a	a	a	b	a	c	sensitive
25	b	a	a	a	a	a	potentially sensitive
26	b	a	a	b	a	a	potentially sensitive
27	a	a	a	a	a	c	sensitive
28	a	a	a	b	a	c	sensitive
29	a	a	a	a	a	a	sensitive
30	a	a	a	c	a	a	sensitive
31	a	a	a	b	a	b	sensitive
32	b	a	a	a	a	a	potentially sensitive
33	a	a	a	a	a	a	sensitive
34	b	a	a	a	a	a	potentially sensitive
35	a	a	a	b	a	b	sensitive
36	a	a	a	b	b	b	potentially sensitive
37	a	a	a	b	b	a	sensitive
38	a	a	a	a	a	c	sensitive
39	a	a	a	a	a	a	sensitive
40	b	a	a	c	a	a	potentially sensitive
41	a	a	a	b	b	a	sensitive
42	a	a	a	b	b	c	potentially sensitive
43	a	a	a	b	b	b	potentially sensitive
44	a	a	a	a	a	c	sensitive
45	a	a	c	a	a	b	potentially sensitive
47	a	a	c	a	a	c	potentially sensitive
48	b	a	c	a	a	b	potentially sensitive
50	a	a	c	a	a	c	potentially sensitive
51	b	a	c	a	a	b	potentially sensitive
52	a	a	c	a	a	b	potentially sensitive
53	a	a	c	b	a	b	potentially sensitive

ENHANCEMENT POTENTIAL

UNIT	*Questions* 1	2	3	4	5	6	*Assessment Descriptor*
01	a	a	a	a	a	b	high
02	a	a	a	a	c	b	high
03	a	c	c	b	b	b	moderate
04	a	a	a	b	c	b	high
05	a	c	a	b	c	b	moderate
06	a	c	a	b	c	b	moderate
07	a	c	a	a	c	b	moderate
08	a	c	a	b	c	b	moderate
09	a	c	a	b	a	b	high
10	a	c	a	a	a	b	high
11	a	c	a	b	a	b	high
12	a	a	a	b	a	b	high
13	a	c	a	a	a	b	high
14	a	a	a	a	a	b	high
15	a	a	a	b	b	b	high
16	a	c	b	a	c	b	moderate
17	a	c	b	b	a	b	high
18	a	c	b	b	c	b	moderate
19	a	c	b	a	a	b	high
20	a	a	c	b	c	b	moderate
21	a	a	a	b	a	b	high
22	a	a	c	b	c	c	moderate
23	a	a	c	b	b	c	moderate
24	a	a	a	a	b	c	high
25	a	a	a	b	b	b	high
26	a	a	a	a	b	b	high
27	a	c	a	a	c	c	moderate
28	a	b	a	b	c	c	moderate
29	a	a	a	b	a	c	high
30	a	a	b	b	a	c	high
31	a	a	a	b	c	c	moderate
32	a	a	a	b	b	b	high
33	a	a	a	b	b	c	high
34	a	a	a	a	a	b	high
35	a	a	a	b	b	c	high
36	a	b	b	a	c	b	high
37	a	a	a	b	b	c	high
38	a	c	a	b	a	c	moderate
39	a	a	a	b	a	c	high
40	a	a	a	b	a	b	high
41	a	a	b	b	a	c	high
42	b	a	c	b	c	b	little
43	a	b	a	b	a	b	high
44	a	a	b	b	c	c	moderate
45	a	c	a	a	c	b	moderate
47	a	a	a	b	b	b	high
48	a	a	a	b	c	b	high
50	a	a	a	a	c	b	high
51	a	a	a	b	c	b	high
52	a	a	a	b	c	b	high
53	a	a	a	b	a	b	high

EDUCATION

UNIT	*Questions* 1	2	3	4	5	6	*Assessment Descriptor*
01	c	b	b	c	b	b	not appropriate
02	b	a	a	a	c	a	potential educational use
03	c	b	b	b	c	a	not appropriate
04	c	b	b	b	b	a	not appropriate
05	c	c	b	b	c	a	not appropriate
06	c	a	b	NA	c	a	not appropriate
07	c	b	b	c	c	a	not appropriate
08	c	a	b	NA	c	b	not appropriate
09	c	b	b	b	b	a	not appropriate
10	c	b	b	NA	b	a	not appropriate
11	c	a	b	NA	c	a	not appropriate
12	c	a	b	NA	b	a	not appropriate
13	c	a	b	a	b	a	not appropriate
14	b	a	b	a	a	a	potential educational use
15	b	a	b	NA	a	a	potential educational use
16	c	b	b	NA	c	a	not appropriate
17	a	b	b	NA	a	a	potential educational use
18	b	a	b	NA	b	a	potential educational use
19	b	a	b	a	a	a	potential educational use
20	c	a	b	a	c	b	not appropriate
21	a	a	b	a	a	a	has educational uses
22	b	b	b	NA	a	a	potential educational use
23	b	a	b	NA	a	a	potential educational use
24	a	a	b	a	b	a	has educational uses
25	b	a	b	b	b	a	potential educational use
26	c	a	a	a	c	a	not appropriate
27	b	a	b	NA	b	b	potential educational use
28	c	a	b	a	c	b	not appropriate
29	a	a	b	a	a	a	has educational uses
30	a	a	b	a	a	a	has educational uses
31	b	a	b	a	b	a	potential educational use
32	b	b	b	a	b	a	potential educational use
33	b	a	b	a	a	a	potential educational use
34	b	a	b	a	a	a	potential educational use
35	b	a	b	a	b	a	potential educational use
36	c	a	b	a	c	b	not appropriate
37	c	a	b	a	c	b	not appropriate
38	a	b	b	NA	a	a	potential educational use
39	b	a	a	a	b	b	potential educational use
40	a	a	a	a	c	b	potential educational use
41	a	a	a	a	c	b	potential educational use
42	c	a	b	b	c	b	not appropriate
43	c	a	b	a	a	a	not appropriate
44	c	a	b	a	c	a	not appropriate
45	a	a	b	NA	b	a	potential educational use
47	b	a	b	a	b	a	potential educational use
48	b	a	b	a	b	a	potential educational use
50	c	a	b	a	c	a	not appropriate
51	c	a	b	a	b	b	not appropriate
52	c	a	b	a	c	a	not appropriate
53	c	b	b	NA	c	a	not appropriate

RECREATION

UNIT	*Questions* 1	2	3	4	5	6	*Assessment Descriptor*
01	b	c	c	b	b	a	potential recreational opportunities
02	c	c	c	b	b	a	not appropriate
03	c	c	c	b	b	b	not appropriate
04	b	c	c	b	b	b	potential recreational opportunities
05	c	c	c	b	b	b	not appropriate
06	c	c	c	b	b	b	not appropriate
07	c	c	c	b	b	b	not appropriate
08	c	c	c	b	b	b	not appropriate
09	b	c	c	b	b	b	potential recreational opportunities
10	b	c	b	b	b	b	potential recreational opportunities
11	c	c	c	b	b	b	not appropriate
12	b	c	c	b	b	b	potential recreational opportunities
13	b	c	c	b	b	b	potential recreational opportunities
14	a	c	a	b	b	b	provides recreational opportunities
15	a	c	a	b	b	b	provides recreational opportunities
16	c	c	c	b	b	b	not appropriate
17	a	c	a	b	b	b	provides recreational opportunities
18	b	c	c	b	b	b	potential recreational opportunities
19	a	c	c	b	b	b	potential recreational opportunities
20	c	b	b	b	b	b	potential recreational opportunities
21	a	c	a	b	b	b	provides recreational opportunities
22	a	c	c	b	b	b	potential recreational opportunities
23	a	c	c	b	b	b	potential recreational opportunities
24	b	c	a	b	b	b	potential recreational opportunities
25	b	c	c	b	b	b	potential recreational opportunities
26	c	c	c	a	b	b	not appropriate
27	b	c	c	b	b	b	potential recreational opportunities
28	c	c	c	b	b	b	not appropriate
29	a	c	a	b	b	b	provides recreational opportunities
30	a	c	a	b	b	b	provides recreational opportunities
31	b	c	c	b	b	b	potential recreational opportunities
32	b	c	b	b	b	b	potential recreational opportunities
33	a	c	c	b	b	b	potential recreational opportunities
34	a	c	b	b	b	b	potential recreational opportunities
35	b	c	c	b	b	b	potential recreational opportunities
36	c	c	c	b	b	a	not appropriate
37	c	c	c	b	b	b	not appropriate
38	a	c	c	b	b	b	potential recreational opportunities
39	b	c	c	b	b	b	potential recreational opportunities
40	c	c	c	b	b	a	not appropriate
41	c	c	c	b	b	a	not appropriate
42	c	c	c	b	b	b	not appropriate
43	a	c	c	b	b	a	provides recreational opportunities
44	c	c	c	b	b	a	not appropriate
45	b	c	c	b	b	b	potential recreational opportunities
47	b	c	c	b	b	a	potential recreational opportunities
48	b	c	c	b	b	a	potential recreational opportunities
50	c	c	c	b	b	b	not appropriate
51	b	c	c	b	b	a	potential recreational opportunities
52	c	c	c	b	b	a	not appropriate
53	c	c	c	b	b	b	not appropriate

AESTHETIC QUALITY

UNIT	*Questions* 1	2	3	4	5	6	*Assessment Descriptor*
01	c	c	a	b	b	b	not pleasing
02	b	b	a	a	a	b	moderately pleasing
03	a	a	a	b	b	b	pleasing
04	c	b	b	b	b	b	moderately pleasing
05	c	a	c	b	b	b	not pleasing
06	c	a	a	b	b	a	moderately pleasing
07	c	a	a	b	b	b	moderately pleasing
08	c	a	a	a	a	b	moderately pleasing
09	c	a	c	b	b	b	not pleasing
10	b	a	c	b	b	a	moderately pleasing
11	c	a	a	b	a	a	moderately pleasing
12	c	a	a	a	b	b	moderately pleasing
13	c	b	a	a	a	a	moderately pleasing
14	c	b	a	a	a	a	moderately pleasing
15	c	a	b	b	b	b	moderately pleasing
16	c	a	a	b	b	b	moderately pleasing
17	b	a	b	b	a	a	pleasing
18	c	a	c	b	a	a	not pleasing
19	c	c	a	b	a	a	not pleasing
20	c	a	a	b	a	a	moderately pleasing
21	c	a	a	b	a	a	moderately pleasing
22	c	a	a	b	b	b	moderately pleasing
23	c	a	a	b	a	a	moderately pleasing
24	b	b	a	b	b	b	moderately pleasing
25	b	b	a	b	a	a	moderately pleasing
26	b	a	a	b	a	a	pleasing
27	c	a	a	b	a	a	moderately pleasing
28	c	a	a	b	b	b	moderately pleasing
29	b	a	a	b	a	a	pleasing
30	b	c	a	b	a	a	moderately pleasing
31	c	a	a	b	b	b	moderately pleasing
32	c	b	a	b	a	a	moderately pleasing
33	b	b	a	b	a	a	moderately pleasing
34	b	b	a	b	a	a	moderately pleasing
35	c	a	a	b	a	b	moderately pleasing
36	c	c	a	b	a	a	not pleasing
37	c	a	a	b	a	a	moderately pleasing
38	c	a	b	b	a	b	moderately pleasing
39	c	c	a	a	a	b	not pleasing
40	c	c	a	a	a	a	not pleasing
41	c	c	a	a	a	a	not pleasing
42	c	c	a	b	a	a	not pleasing
43	c	a	a	b	b	b	moderately pleasing
44	c	a	a	b	b	b	moderately pleasing
45	c	a	a	b	a	a	moderately pleasing
47	c	b	a	b	a	a	moderately pleasing
48	c	a	a	b	a	a	moderately pleasing
50	c	c	a	b	a	a	not pleasing
51	c	b	a	b	a	a	moderately pleasing
52	c	a	a	c	a	b	not pleasing
53	c	a	a	b	a	b	pleasing

Appendix G. OFWAM Wetland Function and Condition Summary Sheets

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **1**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Unknown if wetland floods or ponds	Downstream land use is agriculture
	Wetland area is > 5 acres	Watershed land use upstream is farming
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	No access/views of other habitats
	1 or 2 visible safety hazards exist	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	No access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	< 25% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **2**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Emergent vegetation & ponding	No adjacent water quality listed streams
	Moderate Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Intact**	
Rationale	Stream has >75% riparian shading	No adjacent water quality listed streams
	Stream is in a natural channel	Adjacent land use agriculture
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Intact**	
Rationale	In 100 year floodplain or enclosed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is > 5 acres	Watershed land use upstream is farming
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily agriculture
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	No visible hazards to the public	No safe public access point exists
	Fish habitat function is intact	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	2 Cowardin classes are visible	Surrounding landscape is open space
	25%-50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **3**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders 10-40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has<50% riparian shading	No adjacent water quality listed streams
	Stream is extensively modified	Adjacent land use development
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	In 100 year floodplain or enclosed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders 10-40% of wetland
	In-flow restricted and unrestorable	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Views, but no access to other habitats
	1 or 2 visible safety hazards exist	No safe public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Pleasing**	
Rationale	>2 Cowardin classes are visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **4**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Emergent vegetation & ponding	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has<50% riparian shading	No adjacent water quality listed streams
	Stream is extensively modified	Adjacent land use development
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	In 100 year floodplain or enclosed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Views, but no access to other habitats
	1 or 2 visible safety hazards exist	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	25%-50% of the wetland is visible	Unpleasant odors at times
	Visual detractors exist but removable	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **5**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has<50% riparian shading	No adjacent water quality listed streams
	Stream is extensively modified	Adjacent land use development
	<10% in-stream structures	No species present
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Views, but no access to other habitats
	> 2 visible safety hazards exist	No safe public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	Permanent visual detractors exist	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **6**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Emergent vegetation & ponding	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	
	No visible hazards to the public	No safe public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Some noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **7**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Unconnected wetlands within 3 miles
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Intact**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is > 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	No access/views of other habitats
	1 or 2 visible safety hazards exist	No safe public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **8**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	
	No visible hazards to the public	No safe public access point exists
	No intact/diverse fish or wildlife habitat	No access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surrounding landscape is open space
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **9**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Emergent vegetation & ponding	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Views, but no access to other habitats
	1 or 2 visible safety hazards exist	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	Permanent visual detractors exist	Intrusive noise, natural sounds

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		Assessment Unit: **10**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	Two or more Cowardin classes	Surface waters connect to other wetlands
	Dominated by woody vegetation	No adjacent water quality listed streams
	Moderate Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by woody vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is > 5 acres	Watershed land use upstream is farming
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	
	1 or 2 visible safety hazards exist	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	Undeveloped trails/viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	2 Cowardin classes are visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	Permanent visual detractors exist	Some noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **11**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Emergent vegetation & ponding	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Minor restrictions slow the water	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	
	No visible hazards to the public	No safe public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **12**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Minor restrictions slow the water	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surrounding landscape is open space
	> 50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

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		Assessment Unit: **13**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Emergent vegetation & ponding	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is agriculture
	Wetland area is > 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surrounding landscape is open space
	25%-50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **14**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has<50% riparian shading	No adjacent water quality listed streams
	Stream is in a natural channel	Adjacent land use agriculture
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Intact**	
Rationale	In 100 year floodplain or enclosed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is > 5 acres	Watershed land use upstream is farming
	Minor restrictions slow the water	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	No visible hazards to the public	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Provides recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	Trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surrounding landscape is open space
	25%-50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **15**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders 10-40% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is agriculture
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders 10-40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	
	No visible hazards to the public	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Provides recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	Trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	Visual detractors exist but removable	Intrusive noise, natural sounds

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		Assessment Unit: **16**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Intact**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is > 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders <10% of wetland
	In-flow blocked but restorable	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	
	1 or 2 visible safety hazards exist	No safe public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **17**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Dominated by woody vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Unknown if deep & shallow water in pond	No adjacent water quality listed streams
	>25% cover objects in wetland complex	Adjacent land use development
	60%+ riparian shading of shoreline	No species present
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by woody vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders >40% of wetland
	In-flow blocked but restorable	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Wetland is open to the public	
	1 or 2 visible safety hazards exist	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Provides recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	Trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Pleasing**	
Rationale	2 Cowardin classes are visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	Visual detractors exist but removable	Some noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **18**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Unconnected wetlands within 3 miles
	Emergent vegetation & ponding	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders <10% of wetland
	In-flow blocked but restorable	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	Permanent visual detractors exist	Some noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **19**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	Two or more Cowardin classes	Surface waters connect to other wetlands
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has 50-75% riparian shading	No adjacent water quality listed streams
	Portions of the channel are modified	Adjacent land use development
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is > 5 acres	Watershed land use upstream is farming
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders >40% of wetland
	In-flow blocked but restorable	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	No visible hazards to the public	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	< 25% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **20**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Surface waters connect to other wetlands
	Emergent vegetation & ponding	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use agriculture
	More than 1 acre open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Unknown if deep & shallow water in pond	No adjacent water quality listed streams
	<10% cover objects in wetland complex	Adjacent land use agriculture
	<20% riparian shading of shoreline	No species present
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is low	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is agriculture
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily agriculture
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow restricted and unrestorable	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	No safe public access point exists
	No intact/diverse fish or wildlife habitat	No access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	Boat launching areas/access potential	No fishing is allowed
	Undeveloped trails/viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **21**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is agriculture
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily agriculture
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Has educational uses**	
Rationale	Wetland is open to the public	Access to other habitats possible
	No visible hazards to the public	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Provides recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	Trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **22**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Dominated by emergent vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Minor restrictions slow the water	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow restricted and unrestorable	Wetland is sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	
	1 or 2 visible safety hazards exist	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

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		Assessment Unit: **23**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Unconnected wetlands within 3 miles
	Dominated by emergent vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders 10-40% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has<50% riparian shading	Adjacent water quality listed stream
	Stream is extensively modified	Adjacent land use agriculture
	<10% in-stream structures	No species present
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Unknown if wetland floods or ponds	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Unknown if wetland floods or ponds	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders 10-40% of wetland
	In-flow restricted and unrestorable	Wetland is sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	
	No visible hazards to the public	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **24**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	Two or more Cowardin classes	Surface waters connect to other wetlands
	Emergent vegetation & ponding	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders 10-40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has 50-75% riparian shading	Adjacent water quality listed stream
	Stream is in a natural channel	Adjacent land use agriculture
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Intact**	
Rationale	In 100 year floodplain or enclosed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is > 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Primary water source is surface flow	Upland habitat borders 10-40% of wetland
	In-flow unrestricted or easily unblocked	Wetland is sensitive to future impacts
EDUCATION:	**Has educational uses**	
Rationale	Wetland is open to the public	Access to other habitats possible
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	Trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	2 Cowardin classes are visible	Surroundings are landscaped/manipulated
	25%-50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

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Assessment Unit: **25**		
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	Two or more Cowardin classes	Surface waters connect to other wetlands
	Dominated by woody vegetation	Adjacent water quality listed stream
	Moderate Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders 10-40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has 50-75% riparian shading	Adjacent water quality listed stream
	Stream is in a natural channel	Adjacent land use agriculture
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Unknown if wetland floods or ponds	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	In 100 year floodplain or enclosed basin	Dominated by woody vegetation
	Unknown if wetland floods or ponds	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders 10-40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Views, but no access to other habitats
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	2 Cowardin classes are visible	Surroundings are landscaped/manipulated
	25%-50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **26**
WILDLIFE HABITAT:	**Provides diverse wildlife habitat**	
Rationale	Two or more Cowardin classes	Surface waters connect to other wetlands
	Emergent vegetation & ponding	Adjacent water quality listed stream
	High Cowardin class interspersion	Adjacent land use agriculture
	Between 0.5 and 1 acre open water	Upland habitat borders 10-40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has<50% riparian shading	Adjacent water quality listed stream
	Stream is in a natural channel	Adjacent land use agriculture
	<10% in-stream structures	No species present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is > 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Primary water source is surface flow	Upland habitat borders 10-40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	No safe public access point exists
	Wetland provides diverse wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Diverse wildlife habitat
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Pleasing**	
Rationale	2 Cowardin classes are visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **27**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Unconnected wetlands within 3 miles
	Emergent vegetation & ponding	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is agriculture
	Wetland area is > 5 acres	Watershed land use upstream is forest
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Wetland is sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	No access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **28**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Unconnected wetlands within 3 miles
	Emergent vegetation & ponding	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is groundwater	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is groundwater	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Wetland is sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	No safe public access point exists
	No intact/diverse fish or wildlife habitat	No access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **29**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	Two or more Cowardin classes	Unconnected wetlands within 3 miles
	Dominated by woody vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has 50-75% riparian shading	Adjacent water quality listed stream
	Portions of the channel are modified	Adjacent land use development
	<10% in-stream structures	No species present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by woody vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Wetland is sensitive to future impacts
EDUCATION:	**Has educational uses**	
Rationale	Wetland is open to the public	Access to other habitats possible
	No visible hazards to the public	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Provides recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	Trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Pleasing**	
Rationale	2 Cowardin classes are visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **30**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	Two or more Cowardin classes	Surface waters connect to other wetlands
	Dominated by woody vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use forest/open space
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has 50-75% riparian shading	Adjacent water quality listed stream
	Portions of the channel are modified	Adjacent land use forest/open space
	<10% in-stream structures	Adjacent land use forest/open space
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use forest/open space
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	In 100 year floodplain or enclosed basin	Dominated by woody vegetation
	Floods or ponds in growing season	Downstream land use is forest/open
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use forest/open space
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow blocked but restorable	Wetland is sensitive to future impacts
EDUCATION:	**Has educational uses**	
Rationale	Wetland is open to the public	Access to other habitats possible
	No visible hazards to the public	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Provides recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	Trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	2 Cowardin classes are visible	Surroundings are landscaped/manipulated
	< 25% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **31**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Dominated by emergent vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Unknown if wetland floods or ponds	Adjacent land use agriculture
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Unknown if wetland floods or ponds	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Wetland is sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **32**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Dominated by woody vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders 10-40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has >75% riparian shading	Adjacent water quality listed stream
	Stream is in a natural channel	Adjacent land use development
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by woody vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders 10-40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	1 or 2 visible safety hazards exist	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	Undeveloped trails/viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	25%-50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **33**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	Two or more Cowardin classes	Surface waters connect to other wetlands
	Dominated by woody vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders 10-40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has >75% riparian shading	Adjacent water quality listed stream
	Stream is in a natural channel	Adjacent land use development
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by woody vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders 10-40% of wetland
	In-flow unrestricted or easily unblocked	Wetland is sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	No visible hazards to the public	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	2 Cowardin classes are visible	Surroundings are landscaped/manipulated
	25%-50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **34**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Dominated by woody vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has >75% riparian shading	Adjacent water quality listed stream
	Stream is in a natural channel	Adjacent land use development
	<10% in-stream structures	Adjacent land use forest/open space
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Intact**	
Rationale	In 100 year floodplain or enclosed basin	Dominated by woody vegetation
	Floods or ponds in growing season	Downstream land use is forest/open
	Wetland area is > 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	No visible hazards to the public	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	Undeveloped trails/viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	2 Cowardin classes are visible	Surroundings are landscaped/manipulated
	25%-50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **35**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders 10-40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has 50-75% riparian shading	Adjacent water quality listed stream
	Stream is extensively modified	Adjacent land use agriculture
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Unknown if wetland floods or ponds	Adjacent land use agriculture
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Unknown if wetland floods or ponds	Downstream land use is agriculture
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders 10-40% of wetland
	In-flow unrestricted or easily unblocked	Wetland is sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Intrusive noise, natural sounds

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		Assessment Unit: **36**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has >75% riparian shading	Adjacent water quality listed stream
	Stream is in a natural channel	Adjacent land use agriculture
	<10% in-stream structures	Adjacent land use forest/open space
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is groundwater	Wetland area is > 5 acres
	Unknown if wetland floods or ponds	Adjacent land use agriculture
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Unknown if wetland floods or ponds	Downstream land use is agriculture
	Wetland area is > 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily agriculture
	Adjacent water quality listed stream	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Primary water source is groundwater	Upland habitat borders <10% of wetland
	In-flow blocked but restorable	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	No safe public access point exists
	No intact/diverse fish or wildlife habitat	No access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	< 25% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **37**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	Two or more Cowardin classes	Unconnected wetlands within 3 miles
	Dominated by woody vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders 10-40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has >75% riparian shading	Adjacent water quality listed stream
	Portions of the channel are modified	Adjacent land use agriculture
	<10% in-stream structures	No species present
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Unknown if wetland floods or ponds	Adjacent land use agriculture
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by woody vegetation
	Unknown if wetland floods or ponds	Downstream land use is agriculture
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily agriculture
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders 10-40% of wetland
	In-flow unrestricted or easily unblocked	Wetland is sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	No safe public access point exists
	No intact/diverse fish or wildlife habitat	No access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **38**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Unconnected wetlands within 3 miles
	Emergent vegetation & ponding	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Water source is precipitation/sheet flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Wetland is sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Wetland is open to the public	
	1 or 2 visible safety hazards exist	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	Visual detractors exist but removable	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **39**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Dominated by woody vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Intact**	
Rationale	Stream has >75% riparian shading	Adjacent water quality listed stream
	Stream is in a natural channel	Adjacent land use agriculture
	10-25% in-stream structures	Adjacent land use forest/open space
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	In 100 year floodplain or enclosed basin	Dominated by woody vegetation
	Floods or ponds in growing season	Downstream land use is forest/open
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Wetland is sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	No visible hazards to the public	Unmaintained public access point exists
	Fish habitat function is intact	No access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surrounding landscape is open space
	< 25% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Intrusive noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **40**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	Two or more Cowardin classes	Surface waters connect to other wetlands
	Dominated by woody vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use forest/open space
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Intact**	
Rationale	Stream has >75% riparian shading	Adjacent water quality listed stream
	Stream is in a natural channel	Adjacent land use forest/open space
	10-25% in-stream structures	Adjacent land use forest/open space
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use forest/open space
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	In 100 year floodplain or enclosed basin	Dominated by woody vegetation
	Floods or ponds in growing season	Downstream land use is forest/open
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use forest/open space
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Wetland is open to the public	Access to other habitats possible
	No visible hazards to the public	No safe public access point exists
	Fish habitat function is intact	No access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surrounding landscape is open space
	< 25% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

OFWAM Functions and Conditions Summary Sheet

		Assessment Unit: **41**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Dominated by woody vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**Intact**	
Rationale	Stream has >75% riparian shading	Adjacent water quality listed stream
	Stream is in a natural channel	Adjacent land use agriculture
	> 25% in-stream structures	Adjacent land use forest/open space
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	In 100 year floodplain or enclosed basin	Dominated by woody vegetation
	Floods or ponds in growing season	Downstream land use is forest/open
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily agriculture
	Adjacent water quality listed stream	Dominated by woody vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow blocked but restorable	Wetland is sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Wetland is open to the public	Access to other habitats possible
	No visible hazards to the public	No safe public access point exists
	Fish habitat function is intact	No access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surrounding landscape is open space
	< 25% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **42**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Emergent vegetation & ponding	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Unknown if deep & shallow water in pond	Adjacent water quality listed stream
	<10% cover objects in wetland complex	Adjacent land use agriculture
	<20% riparian shading of shoreline	No species present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use agriculture
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Minor restrictions slow the water	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily agriculture
	Adjacent water quality listed stream	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**Little enhancement potential**	
Rationale	Key function is lost or not present	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow restricted and unrestorable	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Views, but no access to other habitats
	No visible hazards to the public	No safe public access point exists
	No intact/diverse fish or wildlife habitat	No access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	< 25% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **43**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Unconnected wetlands within 3 miles
	Dominated by emergent vegetation	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is groundwater	Wetland area is 0.5 - 5 acres
	Wetland does not flood or pond	Adjacent land use agriculture
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Lost or not present**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Wetland does not flood or pond	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily agriculture
	Adjacent water quality listed stream	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is groundwater	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	Maintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Provides recreational opportunities**	
Rationale	Maintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

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		Assessment Unit: **44**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Unconnected wetlands within 3 miles
	Emergent vegetation & ponding	Adjacent water quality listed stream
	Low Cowardin class interspersion	Adjacent land use agriculture
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Unknown if deep & shallow water in pond	Adjacent water quality listed stream
	<10% cover objects in wetland complex	Adjacent land use agriculture
	<20% riparian shading of shoreline	No species present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	Adjacent water quality listed stream
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet restricted or there is no outlet	
SENSITIVITY TO FUTURE IMPACTS:	**Sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	Adjacent water quality listed stream	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow blocked but restorable	Wetland is sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	No safe public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Unpleasant odors at times
	There are no visual detractors	Intrusive noise, natural sounds

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		Assessment Unit: **45**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Unconnected wetlands within 3 miles
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Nearest surface waters within 1 mile	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Impacted or degraded**	
Rationale	Water source is precipitation/sheet flow	Wetland area is > 5 acres
	Unknown if wetland floods or ponds	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Unknown if wetland floods or ponds	Downstream land use is development
	Wetland area is > 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**Moderate**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Water source is precipitation/sheet flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Wetland is open to the public	
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **47**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Unconnected wetlands within 3 miles
	Emergent vegetation & ponding	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders 10-40% of wetland
	Connected to surface waters	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Unknown if wetland floods or ponds	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	In 100 year floodplain or enclosed basin	Emergent vegetation & ponding
	Unknown if wetland floods or ponds	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Minor restrictions slow the water	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream modified or wetland is isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders 10-40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	25%-50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **48**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has >75% riparian shading	No adjacent water quality listed streams
	Stream is extensively modified	Adjacent land use development
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Minor restrictions slow the water	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Potential educational uses**	
Rationale	Access only by permission	Access to other habitats possible
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	> 50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **50**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with >5 species	Surface waters connect to other wetlands
	Emergent vegetation & ponding	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has<50% riparian shading	No adjacent water quality listed streams
	Stream is in a natural channel	Adjacent land use development
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is > 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Emergent vegetation & ponding
	Floods or ponds in growing season	Downstream land use is agriculture
	Wetland area is > 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream is modified	Adjacent land use agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Emergent vegetation & ponding
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is > 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	No safe public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No safe public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	< 25% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **51**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has<50% riparian shading	No adjacent water quality listed streams
	Stream is in a natural channel	Adjacent land use development
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is forest
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream not modified, wetland not isolated	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	Unmaintained public access point exists
	No intact/diverse fish or wildlife habitat	No access for limited-mobility people
RECREATION:	**Potential recreational opportunities**	
Rationale	Unmaintained public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Moderately Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	25%-50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Some noise, natural sounds

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		Assessment Unit: **52**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use development
	Less than 0.5 acres open water	Upland habitat borders <10% of wetland
	Connected to surface waters	
FISH HABITAT:	**Impacted or degraded**	
Rationale	Stream has<50% riparian shading	No adjacent water quality listed streams
	Stream is extensively modified	Adjacent land use development
	<10% in-stream structures	Warm water fish present
WATER QUALITY:	**Impacted or degraded**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Unknown if wetland floods or ponds	Adjacent land use development
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	In 100-year floodplain	Dominated by emergent vegetation
	Unknown if wetland floods or ponds	Downstream land use is development
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet has unrestricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream is modified	Adjacent land use development
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders <10% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	Access to other habitats possible
	No visible hazards to the public	No public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No public access	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	Hunting is allowed at the wetland
AESTHETIC QUALITY:	**Not Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are developed
	>50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Continuous noise, some natural sounds

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		Assessment Unit: **53**
WILDLIFE HABITAT:	**Habitat for some species**	
Rationale	One Cowardin class with <5 species	Surface waters connect to other wetlands
	Dominated by emergent vegetation	No adjacent water quality listed streams
	Low Cowardin class interspersion	Adjacent land use is agriculture
	Less than 0.5 acres open water	Upland habitat borders >40% of wetland
	Connected to surface waters	
FISH HABITAT:	**NOT ASSESSED**	
Rationale		
WATER QUALITY:	**Intact**	
Rationale	Primary water source is surface flow	Wetland area is 0.5 - 5 acres
	Floods or ponds in growing season	Adjacent land use is agriculture
	Vegetation cover is high	No adjacent water quality listed streams
HYDROLOGIC CONTROL:	**Impacted or degraded**	
Rationale	Not in 100-year floodplain or closed basin	Dominated by emergent vegetation
	Floods or ponds in growing season	Downstream land use is agriculture
	Wetland area is 0.5 - 5 acres	Watershed land use upstream is farming
	Outlet has restricted flow	
SENSITIVITY TO FUTURE IMPACTS:	**Potentially sensitive to future impacts**	
Rationale	Stream is modified	Adjacent land use is agriculture
	Water taken from stream by irrigators	Adjacent zoning primarily development
	No adjacent water quality listed streams	Dominated by emergent vegetation
ENHANCEMENT POTENTIAL:	**High**	
Rationale	Key function is impacted or degraded	Wetland area is 0.5 - 5 acres
	Primary water source is surface flow	Upland habitat borders >40% of wetland
	In-flow unrestricted or easily unblocked	Potentially sensitive to future impacts
EDUCATION:	**Not appropriate for educational use**	
Rationale	No public access	No other habitats
	One visible hazard to the public	No public access point exists
	No intact/diverse fish or wildlife habitat	Access for limited-mobility people
RECREATION:	**Not appropriate for recreation**	
Rationale	No public access point exists	Habitat for some wildlife species
	No boat launching areas/access	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed at the wetland
AESTHETIC QUALITY:	**Pleasing**	
Rationale	One Cowardin class is visible	Surroundings are landscaped/manipulated
	>50% of the wetland is visible	Natural, pleasant odors only
	There are no visual detractors	Continuous noise, some natural sounds

Appendix H. Locally Significant Wetlands Checklists

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **BE-W01**
OFWAM Unit: **27**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **NO** Wetland Code(s): **BE-W02**
OFWAM Unit: **28**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	
	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	
	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **BE-W03**
OFWAM Unit: **29**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
Y		*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **BS-W01**
OFWAM Unit: **38**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **BS-W04**
OFWAM Unit: **39**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
Y		*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
Y		Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **BS-W06**
OFWAM Unit: **40**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
Y		*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
Y		Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **BS-W09**
OFWAM Unit: **41**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
Y		*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
Y		Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **BS-W10**
OFWAM Unit: **42**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **BS-W13 BS-W14**
OFWAM Unit: **43**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **BS-W15 BS-W16**
OFWAM Unit: **44**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **NO** Wetland Code(s): **CR-W01**
OFWAM Unit: **45**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	
	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	
	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **NO** Wetland Code(s): **EK-W04 EK-W05 EK-W06 EK-W07**
OFWAM Unit: **47**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	
		Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	
		Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **EK-W08**
OFWAM Unit: **48**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **EK-W10 EK-W11**
OFWAM Unit: **50**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **EK-W14**
OFWAM Unit: **51**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **NO** Wetland Code(s): **EK-W16**
OFWAM Unit: **Not assessed**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	
	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
Y		(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	
		Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
		diverse wildlife habitat
		intact fish habitat
		intact water quality
		intact hydrologic control.
		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
		Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
		Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
		Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
		Optional Criterion (local discretion): Wetland represents a *locally* unique plant community.
		Optional Criterion (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **NO** Wetland Code(s): **EK-W17**
OFWAM Unit: **Not assessed**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	
Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
?		(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
?		(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	
		Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
		diverse wildlife habitat
		intact fish habitat
		intact water quality
		intact hydrologic control.
		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
		Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
		Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
		Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
		Optional Criterion (local discretion): Wetland represents a *locally* unique plant community.
		Optional Criterion (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LA-W01**
OFWAM Unit: **34**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
Y		*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
Y		Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LA-W02**
OFWAM Unit: **35**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LA-W05**
OFWAM Unit: **36**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
Y		Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **NO** Wetland Code(s): **LA-W06**
OFWAM Unit: **37**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	
	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	
	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LP-W01**
OFWAM Unit: **22**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LP-W02**
OFWAM Unit: **23**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LP-W05 LP-W06**
OFWAM Unit: **24**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
Y		*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
Y		*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LP-W07 LP-W08**
OFWAM Unit: **25**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LP-W10 LP-W11 LP-W12**
OFWAM Unit: **26**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
Y		*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LZ-W01 LZ-W02 LZ-W03**
OFWAM Unit: **30**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
Y		Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **NO** Wetland Code(s): **LZ-W04**
OFWAM Unit: **31**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	
		Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
		(a) created for the purpose of controlling, storing, or maintaining stormwater
		(b) active surface mining or active log ponds
		(c) ditches without a free and open connection to waters of the state & no food or game fish
Y		(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
		(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
		Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	
		Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
		diverse wildlife habitat
		intact fish habitat
		intact water quality
		intact hydrologic control.
		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
		Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
		Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
		Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
		Optional Criterion (local discretion): Wetland represents a *locally* unique plant community.
		Optional Criterion (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LZ-W05**
OFWAM Unit: **32**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **LZ-W06 LZ-W07**
OFWAM Unit: **33**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W01**
OFWAM Unit: **03**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W03**
OFWAM Unit: **04**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W09**
OFWAM Unit: **05**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W13**
OFWAM Unit: **06**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W16**
OFWAM Unit: **07**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
Y		*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W20**
OFWAM Unit: **Not assessed (<0.5 acres)**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
Y		Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W24 MD-W25**
OFWAM Unit: **08**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
Y		Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W26**
OFWAM Unit: **09**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W27 MD-W28 MD-W29 MD-W30**
OFWAM Unit: **10** **MD-W31 MD-W32 MD-W33**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W34**
OFWAM Unit: **11**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W35**
OFWAM Unit: **12**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W39**
OFWAM Unit: **13**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W40**
OFWAM Unit: **14**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
Y		*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W41**
OFWAM Unit: **15**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W44**
OFWAM Unit: **16**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
Y		*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W46 MD-W47 MD-W48 MD-W49**
OFWAM Unit: **17** **MD-W50**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W51 MD-W52 MD-W53**
OFWAM Unit: **18**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
Y		Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W54**
OFWAM Unit: **19**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **NO** Wetland Code(s): **MD-W55**
OFWAM Unit: **20**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	
	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	
	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W56**
OFWAM Unit: **21**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
Y		*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **NO** Wetland Code(s): **MD-W61**
OFWAM Unit: **52**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	
	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	
	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
	N	*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **MD-W62**
OFWAM Unit: **53**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **NO** Wetland Code(s): **SW-W01**
OFWAM Unit: **01**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
	N	*intact* fish habitat
Y		*intact* water quality
	N	*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Locally Significant Wetlands Checklist

SIGNIFICANT: **YES** Wetland Code(s): **SW-W02 SW-W03**
OFWAM Unit: **02**

A. "OUT" Test

Wetlands that score "Yes" in any of the following categories do NOT proceed to Section B:

Y	N	Wetland's ARTIFICIALLY CREATED ENTIRELY FROM UPLAND that are:
	N	(a) created for the purpose of controlling, storing, or maintaining stormwater
	N	(b) active surface mining or active log ponds
	N	(c) ditches without a free and open connection to waters of the state & no food or game fish
	N	(d) < 1 acre and unintentionally created from irrigation leakage or construction activity
	N	(e) created for the purpose of wastewater treatment, cranberry production, farm or stock watering, settling of sediment, cooling industrial water, or as a golf course hazard
	N	Documented by EPA or DEQ as contaminated by hazardous substances, materials or wastes

B. "IN" Test

Wetlands that meet ONE OR MORE of the following criteria are Locally Significant Wetlands:

Y	N	Wetlands that score the highest rank (stated in italics below) for any of the four ecological functions addressed by OFWAM or equivalent methodology:
	N	*diverse* wildlife habitat
Y		*intact* fish habitat
Y		*intact* water quality
Y		*intact* hydrologic control.
	N	Occurs within 1/4 mile of a water body listed by DEQ as quality-limited and the wetland's water quality function is *intact* or *impacted or degraded*
	N	Contains one or more rare/uncommon wetland plant communities in Oregon. (Most concise list is found as Appendix G in OFWAM).
	N	Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with the appropriate agency deems the site not important for the maintenance of the species).
	N	Has a direct surface water connection to a stream segment mapped by ODFW as habitat for "indigenous anadromous salmonids" and the fish habitat function is *intact* or *impacted or degraded*
	N	*Optional Criterion* (local discretion): Wetland represents a *locally* unique plant community.
	N	*Optional Criterion* (local discretion): Publicly owned and determined to *have educational uses* and there is documented use for educational purposes by a school or organization.

Appendix I. Potential Wetland Mitigation and Restoration Sites Map

The Potential Wetland Mitigation and Restoration Sites Map is a 24” x 36” color map (1:24,000 scale).