

Atlas Environmental

Local Wetlands Inventory for The City of Talent

November 12, 1997

APPROVED WETLANDS INVENTORY
Oregon Division of State Lands
Meets LWI standards
Date 1/00 Approved by Dana Field

note errata sheet

Prepared For:

City of Talent
Oregon Division of State Lands

Local Wetlands Inventory for the City of Talent

November 12, 1997

Prepared By:

Atlas Environmental

PO Box 433
Ashland, OR 97520
(541) 482-6814
Fax - 488-1526

Project Team:

Kerry Kencairn - Geographer
Kristin McLaughlin - Geographer
Leonard White - Biologist
Plato Doundoulakis - Geomorphologist

Cartography:

Jackson County GIS Services

Project Manager:

Plato Doundoulakis
Registered Professional Geologist



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City of Talent Local Wetland Inventory

Errata

Page 2. Add to the list below "Data Sources": The National Wetland Inventory, Talent quadrangle.

Page 2. Second paragraph under "Ground Truthing": strike the word all in the first sentence and write in most.

Page 3. Second paragraph under "Locally Significant Wetlands" change the word all to many.

Page 3. Last paragraph, third sentence: change the word all to many again.

There are some technical errors in the wetland data sheets that mostly do not change the outcome of upland/wetland determinations. If any landowner has a question whether or not the DSL permit requirements apply to their land, whether it is shown on the LWI or not, DSL staff can make an on-site verification at no cost.

Site 36ne1 data point 30 was inadvertently left off the map. It is located next to plot 29.

Wetland Function Assessment

Because the inventory staff did not have access to many sites, information regarding location, size, and functions of the wetlands shown on the inventory may be inaccurate. At or before the time of a development application, a landowner may request verification of wetland presence or a re-assessment of wetland functions. DSL staff can make such a determination at no cost.

If closer inspection results in findings inconsistent with the original inventory, the inventory will be automatically revised to incorporate the correct information. This may affect the significance of a wetland site, and therefore affect the application of local protective ordinances.



Oregon

John A. Kitzhaber, M.D., Governor

Division of State Lands

775 Summer Street NE

Salem, OR 97301-1279

(503) 378-3805

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January 31, 2000

State Land Board

John A. Kitzhaber
Governor

Bill Bradbury
Secretary of State

Jim Hill
State Treasurer

Marian Telerski, Mayor
City of Talent
PO Box 445
Talent, OR 97540

RE: Approval of Talent Local Wetlands Inventory and Assessment

Dear Mayor Telerski:

I am pleased to notify you that the Division of State Lands has approved your Local Wetlands Inventory (LWI) and assessment. We appreciate your working closely with our staff and the wetland consultant to ensure that the inventory meets state LWI standards (OAR 141-86-180 to 240) and the city's needs. Please note the enclosed errata sheet, which corrects some minor errors in the final document.

Approval by the Division means that the LWI becomes a part of the Statewide Wetlands Inventory. The LWI and functional assessment form the foundation for your wetland planning under Statewide Planning Goal 5. Also, the LWI must now be used by the city instead of the National Wetlands Inventory for the Wetland Land Use Notification Process (ORS 227.350). The final requirement for the inventory is that the city notify property owners with wetlands mapped on their property within 120 days of this approval, if it has not already been done.

While considerable effort has been made to accurately identify most wetlands within the study area, the Division's approval does not guarantee that all regulated wetlands have been mapped. Exact wetland boundaries have not been staked or surveyed, and there are inherent limitations in mapping accuracy. Please note that when significant wetlands are designated by the city, "non-significant" wetlands may be coded to distinguish them from "significant wetlands" but must not be removed from the approved LWI maps. These wetlands are still subject to state and federal permit requirements. The Division advises that anyone proposing land alteration on parcels containing mapped wetlands first contact the Division, or obtain a wetland boundary delineation by a qualified consultant and submit it to the Division for approval prior to the land alteration. When the Division reviews and approves wetland delineations,



we will send copies to the city so that you can pencil in changes and annotate your copy of the inventory to keep it up to date.

We are pleased that the City of Talent has conducted a thorough wetlands inventory and has made wetland planning a high priority. Thank you for your persistence in bringing this project to completion.

Sincerely,



Paul R. Cleary
Director

cc: John Lilly, DSL
Gordon Dunkeld, DSL
Plato Doundoulakis, Atlas Environmental
Jeff Griffin, DLCD
Yvonne Vallette, EPA
Jim Goudzwaard & Dale Haslem, Corps of Engineers
John Marshall, FWS, Portland Field Office
Dennis Peters, FWS Regional Office
Patty Snow, ODFW
Tom Melville, DEQ



Oregon

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Division of State Lands

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February 8, 2000

Nancy Kincaid
Planning Department
City of Talent
PO Box 445
Talent OR 97540

State Land Board

John A. Kitzhaber
Governor

Bill Bradbury
Secretary of State

Jim Hill
State Treasurer

RE: Review of wetland function evaluation and significance determinations

Dear Ms. Kincaid:

When I did the final review of the LWI I ran across a couple wetland functional scores that didn't seem quite right. While DSL has no formal authority to comment on OFWAM or significance findings, in many cases we have been asked to review these materials. Last week I had some business in Ashland, so it was convenient for me to drive through Talent and check on my question areas. I read through all the OFWAM assessments but only field -checked a few of them, so the disclaimer in the errata list attached to the LWI approval letter still stands.

Wetland #36ne1 does not meet the local wetland significance criteria. Question 7 on hydrologic control should have been answered b, the watershed upstream of this wetland is primarily agricultural, not developed, therefore the site does not score out as intact for hydrologic control function.

Wetland # 26ne4 is a farmed site, and possibly does not meet wetland criteria when it is not being flood irrigated. This site does not possess intact water quality function and is therefore not a significant wetland. Question 2 on the water quality evaluation requires flooding or ponding during the growing season for the site to rank intact for this function. This site is only flooded during artificial flood irrigation, if at all.

Wetland # 25sw1 only met 3 of the four high scores needed to meet the rank of intact hydrologic control function, therefore the correct function score is impacted or degraded. The intact water quality function score depends on the finding that this site ponds water sufficiently to settle out sediment, but it is located on a slope and does not pond water, so the water quality function score is impacted. This site does not meet the locally significant wetland criteria.

DSL still needs stable mylar or electronic copy of the attributed final LWI map. It should be in the state plane projection, Arc-info is preferred.

Sincerely,

Dana Field, Wetland Planner

CC: Plato Doundoulakis



INTRODUCTION

Atlas Environmental was retained by the City of Talent, Oregon, to conduct a local wetland inventory (LWI) for all areas within the urban growth boundary (UGB). The LWI was performed using the standards and procedures outlined in OAR 141-86-110 through 141-86-240, and locally significant wetlands were determined using criteria described in OAR 141-86-300 through 350 (January, 1997).

The LWI was converted into GIS format for Arcview access and includes streams, riparian areas, and soil types. A draft proposed land use regulation amendment has been prepared for submission to the city planning commission to protect locally significant bodies of water including wetlands and riparian areas (Appendix A).

TECHNICAL STAFF

Kerry Kencairn, Geographer - Ms. Kencairn has been working professionally in Southern Oregon since 1987. Her work experience includes: wetland design and environmental planning, stormwater management design, natural resource and land use inventory mapping for conservation and development, and cartographic technician.

Masters of Landscape Architecture, University of Oregon, Eugene, OR, 1995.
Bachelor of Landscape Architecture, University of Oregon, Eugene, OR, 1993.
Bachelor of Science, Geography, Southern Oregon State College, Ashland, OR, 1988.

Kristin McLaughlin, Geographer - Ms. McLaughlin has participated in and reported on a full range of environmental studies including: wetland delineation, water quality management, hydrologic mapping, aerial photo interpretation, providing support services to state, county, and local agencies, and preparing technical reports.

Bachelor of Science, Physical Geography, Plymouth State College, Plymouth, NH, 1993.
Wetlands, Best Management Practices, and Riparian Zones, Conference, 1995.

Leonard C. White, Biologist - Mr. White has extensive knowledge of local flora and fauna with years of experience in Southern Oregon. He is a published author in national magazines on topics ranging from ornamental flower growing to making compost. Mr. White was one of the original founders of the small scale nursery industry in the Rogue Valley and tested hundreds of different varieties of plants.

Bachelor of Science, Biology, Stanford University, Palo Alto, CA, 1971.

Plato Doundoulakis, Geomorphologist, Project Manager - Mr. Doundoulakis is a Project Manager with nine years of experience as a Geologist, and a Registered Professional Geologist in the State of Oregon (No.G1212). He has participated in and reported on a full range of environmental studies including wetland delineation, constructed wetlands, park planning and design, water quality management, hydrogeologic mapping, groundwater characterization and monitoring, and environmental site assessment. He has worked closely with the regulatory agencies about permitting and grant programs.

Bachelor of Science, Engineering, University of Texas at Austin, 1983.
Bachelor of Science, Geology, State University of New York at Fredonia, 1983.

DATA SOURCES

All required sources of inventory information were gathered and reviewed as listed below:

- 1992 aerial photographs scaled at 1"=100' were obtained from Western Air Cartography. 1997 un-scaled aerial photographs were obtained from Hardey Engineering of Medford.
- Soil survey and the list of hydric soils in the Jackson County area (June 8, 1990) were obtained from the Jackson County Soil and Water Conservation District.
- Wetland Determination Reports were obtained from the Oregon Division of State Lands (DSL).
- According to Brian Lanning of the Jackson County FSA Office, the U.S. Natural Resources Conservation Service (NRCS) does not have any wetland determinations on record for agricultural parcels within the urban growth boundary.
- The US Federal Emergency Management Agency (FEMA) is presently revising the floodplain maps for the City of Talent, therefore these were not available.
- *NWI, Talent Quad*

PUBLIC MEETINGS

During the information gathering segment of the LWI, two public meetings were held on April 17, and April 24, 1997. Before the meetings, letters were sent to interested citizens and landowners, and public notices were published in the local newspapers. Approximately ten people attended the two meetings.

PROCEDURES

Remote Sensing: The working aerial photos were taken in 1992, and are scaled at 1"=100'. Un-scaled 1997 aerial photos were used to verify the working aerials. Base maps were created on the working aerial photos using overlays. Information was translated from the data sources to the overlays. All creeks and vegetated riparian areas were traced onto the overlays from the aerial photos. All potential wetlands over one-half acre in size were traced from the aerial photos and given a draft wetland code. Aerial photo interpretation was tested early in the process by reviewing known wetlands. A geomorphologist reviewed the hydrology and topography within the study area and for each wetland.

Ground Truthing: Tax Lot maps for the study area were obtained from the Jackson County Assessor's Office and used to identify the owners of potential wetland sites. Letters were sent out to all property owners requesting permission to access their property for the inventory and notifying them of a public meeting held at city hall to answer any questions or concerns.

most A routine wetland determination was performed between May 26, and June 13, 1997 on ~~all~~ of the potential wetland sites identified in aerial photos using the procedures described in the 1987 US Army Corps of Engineers Wetlands Delineation Manual. However, these determinations are for characterization, rather than formal wetland delineations. A representative observation point was selected in each plant community type, and a data form was completed for each data point (Appendix B). If access was *weak*

denied or impossible, field verification included off-site observation of vegetation and hydrology. A wetland summary sheet was prepared for each site which is a synthesis of all the sample information for the site (Appendix C). A Glossary of Latin and common plant names is included to assist non-professionals in using the data sheets (Appendix D).

Mapping: The overlays were digitized by the GIS Services Department at Jackson County at a scale of one inch = 100 feet. A wetland map was printed at a scale of one inch = 310 feet to maximize detail (Appendix E), and is available as an Arcview file. The location of the wetland determination data points are labeled on the wetland map and are outlined with a circle if the data was gathered during an on-site determination and a square if it was determined from off-site. The map is geographically referenced to the State Plane Coordinate System and all roads, railroads, water courses, soil types, zoning, and property boundaries were included. ✓

LOCALLY SIGNIFICANT WETLANDS

Locally significant wetlands (LSW) were determined using criteria described in OAR 141-86-300 through 350 (January, 1997). All inventoried wetlands were evaluated for function and quality using the 1996 version of the *Oregon Freshwater Assessment Methodology* (OFWAM). Copies of the Wetland Characterization Answer Sheet (Appendix F), the Wetland Assessment Answer Sheet (Appendix G) and the Function and Condition Summary Sheets for the OFWAM (Appendix H) are included. ✓

Eighteen wetlands totaling 52.5 acres were inventoried within the study area, and all wetlands were identified as locally significant using the LSW criteria. many

WETLAND PROTECTION

As part of Goal 5, a safe harbor ordinance was developed Establishing Setbacks from Locally Significant Bodies of Water (Appendix A), including wetlands and riparian areas, within the City of Talent UGB. The ordinance should be presented formally to the Talent Planning Commission after DSL and DLCDC review.

SUMMARY

The City of Talent is located within the Rogue Drainage Basin. The watershed's area is approximately 44,800 acres (70 square miles) and the Talent UGB is approximately 1,100 acres (1.7 square miles). Eighteen wetlands totaling 52.5 acres were inventoried out of 50 possible sites, and all of the inventoried wetlands were identified as locally significant. The LWI was printed at a scale of one inch = 310 feet (Appendix E), and was translated into GIS format for Arcview access. As part of Goal 5, a safe harbor ordinance was developed Establishing Setbacks from Locally Significant Bodies of Water (Appendix A), including wetlands and riparian areas, within the City of Talent UGB. many

Appendix A
Proposed Ordinance

moved to back of notebook

**Appendix B
Wetland Data Sheets**

Atlas Environmental

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Fax (541) 488-1526

Talent Local Wetland Inventory Data Sheet # 1

LWI Code: 23 NE #1 Field Investigators: L. White and P. Doundoulakis
 Location: 100 yds east of Suncrest + Bear Crk Access Allowed? Yes
 County: Jackson Legal Description: T 38s R 1w Sec 23
 Date: 5/27/97 Tax Lot #: 903

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1. Populus sp. 5%	FAC, FACW	1. Rubus discolor 5%	FACUX
2.		2.	
3.		3.	
4.		4.	
Saplings/Shrubs		Woody Vines	
1. Salix sp 75%	OBL, FACW	1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 80 % 100
 Hydrophytic vegetation: Yes X No ___ Basis: over 50% of dominant species are hydrophytic

Camas - Newburg - Evans, W SOILS

Series and phase: EVANS LOAM, W On hydric soils list? Yes X No ___
 Mottled: Yes ___ No X Mottle Color: ___ Matrix Color: ___
 Gleyed: Yes ___ No X Other indicators: Recent Floodplain deposits
 Hydric soils: Yes X No ___ Basis: recent floodplain deposits and evidence of inundation in growing season

HYDROLOGY

Inundated: Yes ___ No X Depth of standing water: ___
 Saturated Soils: Yes X No ___ Depth to saturated soil: 24"
 Other Indicators: evidence of flooding and overbank flow
 Wetland Hydrology: Yes X No ___ Basis: Flooding and saturated soils
Source is groundwater

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes X No ___ (If no, explain)
 Has the vegetation, soils, and/or hydrology been significantly disturbed? Active filling by stream
 Yes X (If yes, explain) No ___
 Wetland Determination: Wetland PSS Non-wetland ___

Comments:



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Talent Local Wetland Inventory Data Sheet #2

LWI Code: 23 SE #1
Location: below Christopher Ln
County: Jackson
Date: 5/26/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1w Sec 23
Tax Lot #: 400

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.			1.	<u>Typha latifolia 70%</u>	<u>OBL</u>
2.			2.	<u>Lemna 10%</u>	<u>OBL</u>
3.			3.		
4.			4.		
5.			5.		
Saplings/Shrubs			Woody Vines		
1.			1.		
2.			2.		
3.			3.		
4.			4.		
5.			5.		

Percent of dominant species that are OBL, FACW, and/or FAC: 100 %
Hydrophytic vegetation: Yes X No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Evans Loam-D On hydric soils list? Yes X No
Mottled: Yes No Mottle Color: Matrix Color:
Gleyed: Yes No Other indicators:
Hydric soils: Yes X No Basis: all dominant species are obl and wetland hydrology

HYDROLOGY

Inundated: Yes X No Depth of standing water: over 24"
Saturated Soils: Yes X No Depth to saturated soil: surface
Other Indicators:
Wetland Hydrology: Yes X No Basis: standing water

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No X (if no, explain on back) excavated
Has the vegetation, soils, and/or hydrology been significantly disturbed? Yes X (if yes, explain on back) No excavated
Wetland Determination: Wetland PEMx Non-wetland

Comments:



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Talent Local Wetland Inventory Data Sheet #3

LWI Code: 25 NW #1 Field Investigators: L. White and P. Doundoulakis
 Location: East of Lynn Newbry Park Access Allowed? Yes
 County: Jackson Legal Description: T38s R1W Sec 24
 Date: 5/26/97 Tax Lot #: 600, 602, 603, 700

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.	<u>Salix Sp.</u>	<u>70%</u>	OBL, FACW	1.	
2.				2.	
3.				3.	
4.				4.	
Saplings/Shrubs			Woody Vines		
1.				1.	
2.				2.	
3.				3.	
4.				4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 100 %
 Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

Camas-Newburg-Evans-Complex, W SOILS

Series and phase: Medford Silty Clay Loam On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: 10YR 4/1
 Gleyed: Yes No Other indicators: _____
 Hydric soils: Yes No Basis: Color

HYDROLOGY

Inundated: Yes No Depth of standing water: _____
 Saturated Soils: Yes No Depth to saturated soil: 10-15"
 Other Indicators: _____
 Wetland Hydrology: Yes No Basis: Saturated soils
Source: groundwater and agricultural surface runoff

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) recontoured
 Has the vegetation, soils, and/or hydrology been significantly disturbed?
 Yes (If yes, explain) excavated and recontoured No
 Wetland Determination: Wetland PSS Non-wetland _____
 Comments: Former gravel quarry

Atlas Environmental

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Talent Local Wetland Inventory Data Sheet #4

LWI Code: 25 NW #1 Field Investigators: L. White and P. Doundoulakis
 Location: East of Lynn Newbery Park Access Allowed? Yes
 County: Jackson Legal Description: T 38's R/W Sec 24
 Date: 5/26/97 Tax Lot #: 600, 602, 603, 700

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. <i>Typha latifolia</i> 10%	OBL
2.		2. <i>Scirpus Microcarpus</i> 5%	OBL
3.		3.	
4.		4.	
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 100 %
 Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are OBL

Camas, Newberg - Evans Complex, W SOILS

Series and phase: Medford Silty Clay Loam, W On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: _____
 Gleyed: Yes No Other indicators: _____
 Hydric soils: Yes No Basis: All dominant species are OBL and wetland hydrology is present } not soil indicators
inundation

HYDROLOGY

Inundated: Yes No Depth of standing water: over 5'
 Saturated Soils: Yes No Depth to saturated soil: _____
 Other Indicators: _____
 Wetland Hydrology: Yes No Basis: inundated and saturated
Source: groundwater and surface runoff

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) excavated
 Has the vegetation, soils, and/or hydrology been significantly disturbed?
 Yes (If yes, explain) excavated No
 Wetland Determination: Wetland POW Non-wetland _____
 Comments: former gravel quarry under mitigation easement

offsite

Atlas Environmental

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Talent Local Wetland Inventory Data Sheet #5

LWI Code: 25 NE #1
Location: Between Valley View and IS
County: Jackson
Date: 5/27/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? No
Legal Description: T36s R1w Sec 25
Tax Lot #: 601

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. <i>Typha latifolia</i> 20%	OBL
2.		2. <i>Dipsacus sylvestris</i> 15%	NT-FAC
3.		3. <i>Conium maculatum</i> 20%	FACW-
4.		4. <i>Rubus discolor</i> 30%	FACUX
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 2/3 %
Hydrophytic vegetation: Yes X No Basis: hydrophytic vegetation is dominant except where there has been disturbance or soil dumping

SOILS

Series and phase: Padigan Clay On hydric soils list? Yes X No
Mottled: Yes No Mottle Color: Matrix Color:
Gleyed: Yes No Other indicators:
Hydric soils: Yes No Basis: Not sampled - no access

HYDROLOGY

Inundated: Yes X No Depth of standing water: un known
Saturated Soils: Yes X No Depth to saturated soil:
Other Indicators:
Wetland Hydrology: Yes X No Basis: Inundated
Source: surface runoff, groundwater

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No X (If no, explain) disturbed
Has the vegetation, soils, and/or hydrology been significantly disturbed?
Yes X (If yes, explain) disturbed by grading and excavation
Wetland Determination: Wetland PEM Non-wetland
Comments: Wet Pasture interspersed with soil dumping
may connect with 25NW#2 under freeway

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Talent Local Wetland Inventory Data Sheet #6

LWI Code: 25 NE # 2 Field Investigators: L. White and P. Doundoulakis
 Location: South of Valley View, North of IS Access Allowed? No
 County: Jackson Legal Description: T 38s R/W Sec 25
 Date: 5/27/97 Tax Lot #: 601

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. Typha latifolia 30%	OBL
2.		2. Dipsacus sylvestris 15%	N1FAC
3.		3. Conium maculatum 20%	FACW-
4.		4. Rubus discolor 10%	A1FACU
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 50% ~~2/2~~ 2/2 OK
 Hydrophytic vegetation: Yes No Basis: hydrophytic vegetation is dominant except where there has been disturbance or dumping

SOILS

Series and phase: Padigan Clay On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: _____
 Gleyed: Yes No Other indicators: _____
 Hydric soils: Yes No Basis: Not sampled - no access

HYDROLOGY

Inundated: Yes No Depth of standing water: unknown
 Saturated Soils: Yes No Depth to saturated soil: _____
 Other Indicators: _____
 Wetland Hydrology: Yes No Basis: Inundated
Source: surface runoff

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) disturbed
 Has the vegetation, soils, and/or hydrology been significantly disturbed?
 Yes (If yes, explain) disturbed by grading and excavation No
 Wetland Determination: Wetland PEM Non-wetland _____
 Comments: Wet pasture interspersed with soil dumps may connect with 25NW#2 under Freeway

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Talent Local Wetland Inventory Data Sheet #7

LWI Code: 25 SW #1
Location: East of Pleasant View drive
County: Jackson
Date: 5/30/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1w Sec 25
Tax Lot #: 4101

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. <i>Dipsacus sylvestris</i> 30%	N FAC
2.		2. <i>Lotus corniculatus</i> 5%	FAC
3.		3. <i>Carex unilateralis</i> 20%	FACW
4.		4. <i>Typha latifolia</i> 10%	OBL
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 50¹⁰⁰% 2/2
Hydrophytic vegetation: Yes ___ No ___ Basis: Pasture heavily grazed in summer, obscuring wetland indicators

SOILS

Series and phase: Manita-vannoy complex, w On hydric soils list? Yes x No ___
Mottled: Yes ___ No x Mottle Color: ___ Matrix Color: 7.5YR 2/1
Gleyed: Yes ___ No x Other indicators: ___
Hydric soils: Yes x No ___ Basis: color

HYDROLOGY

Inundated: Yes ___ No x Depth of standing water: ___
Saturated Soils: Yes x No ___ Depth to saturated soil: 12"
Other Indicators: ___
Wetland Hydrology: Yes ___ No ___ Basis: Source: ditch leakage or natural drainage swale

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes ___ No x (If no, explain) grazed
Has the vegetation, soils, and/or hydrology been significantly disturbed? Ditch and cultivated
Yes x (If yes, explain) No ___
Wetland Determination: Wetland PEM Non-wetland ___
Comments: Wetland indicators have been obscured.

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Talent Local Wetland Inventory Data Sheet #8

LWI Code: 23 SE #2 Field Investigators: L. White and P. Doundoulakis
 Location: South and adjacent to Bear Crk Access Allowed? Yes
 County: Jackson Legal Description: T38s R1w Sec 23
 Date: 5/26/97 Tax Lot #: 101

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.			1.		
2.			2.		
3.			3.		
4.			4.		
Saplings/Shrubs			Woody Vines		
1.			1.		
2.			2.		
3.			3.		
4.			4.		

Percent of dominant species that are OBL, FACW, and/or FAC: _____ %
 Hydrophytic vegetation: Yes ___ No ___ Basis: Vegetation removed

SOILS

Series and phase: Evans Loam, w On hydric soils list? Yes X No ___
 Mottled: Yes ___ No X Mottle Color: _____ Matrix Color: 7.5 YR 5/4
 Gleyed: Yes ___ No X Other indicators: _____
 Hydric soils: Yes ___ No ___ Basis: Soils removed during pond excavation

HYDROLOGY

Inundated: Yes X No ___ Depth of standing water: unknown
 Saturated Soils: Yes X No ___ Depth to saturated soil: _____
 Other Indicators: _____
 Wetland Hydrology: Yes X No ___ Basis: inundated and saturated
Source: groundwater

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes ___ No ___ (If no, explain)
 Has the vegetation, soils, and/or hydrology been significantly disturbed?
 Yes ___ (If yes, explain) No ___
 Wetland Determination: Wetland PUBx Non-wetland _____
 Comments: Excavated within last few years for gravel.
Formerly cottonwood forest in 92 aerial

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Talent Local Wetland Inventory Data Sheet #9

LWI Code: 25 SW #2
Location: End of Lithia way
County: Jackson
Date: 5/30/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1w Sec 25
Tax Lot #: 100, 101, 102, 103, 1700

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.			1.	<u>Agrostis stolonifera 75%</u>	<u>FAC*</u>
2.			2.	<u>Carex unilateralis 20%</u>	<u>FACW</u>
3.			3.		
4.			4.		
Saplings/Shrubs			Woody Vines		
1.			1.		
2.			2.		
3.			3.		
4.			4.		

Percent of dominant species that are OBL, FACW, and/or FAC: 85 % 100

Hydrophytic vegetation: Yes X No Basis: over 50% of dominant plants are hydrophytic

SOILS

Series and phase: Padigan Clay
Coleman Loam
Mottled: Yes No X Mottle Color: Matrix Color: 5G Y 2.5/1
Gleyed: Yes X No Other indicators:
Hydric soils: Yes X No Basis: Gleyed soil

HYDROLOGY

Inundated: Yes No X Depth of standing water:
Saturated Soils: Yes X No Depth to saturated soil: less than 1"
Other Indicators:
Wetland Hydrology: Yes X No Basis: Saturated
Source: Flood irrigation and surface runoff

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No X (If no, explain) Cultivated

Has the vegetation, soils, and/or hydrology been significantly disturbed?

Yes (If yes, explain) No X

Wetland Determination: Wetland PEM Non-wetland

Comments: Uneven, hummocky surface. 50% wetland well interspersed

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Talent Local Wetland Inventory Data Sheet #10

LWI Code: 25 SE #1 Field Investigators: L. White and P. Doundoulakis
 Location: East of Summer Place Access Allowed? Yes
 County: Jackson Legal Description: T38s R1w Sec 25
 Date: 6/2/97 Tax Lot #: 100

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. <i>Agrostis stolonifera</i> 50%	FAC
2.		2. <i>Festuca arundinacea</i> 10%	FACU-
3.		3. <i>Carex aperta</i> 10%	FACW
4.		4. <i>Juncus effusus</i> 10%	FACW*
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 70% ~~100%~~
 Hydrophytic vegetation: Yes No Basis: over 50%

SOILS

Series and phase: Coleman Loam, w On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: SGY 2.5/1
 Gleyed: Yes No Other indicators: _____
 Hydric soils: Yes No Basis: Gleyed

HYDROLOGY

Inundated: Yes No Depth of standing water: _____
 Saturated Soils: Yes No Depth to saturated soil: surface
 Other Indicators: _____
 Wetland Hydrology: Yes No Basis: Saturated soils
Source: surface runoff and irrigation in natural swale

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) Livestock grazing
 Has the vegetation, soils, and/or hydrology been significantly disturbed?
 Yes (If yes, explain) pasture is used for animal grazing No
 Wetland Determination: Wetland PEM Non-wetland _____

Comments: Outlet may be culverted under HWY 99 to Bear Creek

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Talent Local Wetland Inventory Data Sheet #11

LWI Code: 25 SE #2 Field Investigators: L. White and P. Doundoulakis
 Location: Adjacent to Bear Creek N of Creel Rd Access Allowed? YES
 County: Jackson Legal Description: T38s R1w Sec 25
 Date: 6/13/97 Tax Lot #: 600

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1. Populus sp. 40%	FAL, FACW	1.	
2. Alnus rhombifolia 20%	FACW	2.	
3. Salix sp 20%	OBL, FACW	3.	
4. Acer Macrophyllum 10%	FACU	4.	
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 80% ~~80%~~ 3/3
 Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Coleman Loam, w On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: 5G Y 2.5/1
 Gleyed: Yes No Other indicators: _____
 Hydric soils: Yes No Basis: Gleying

HYDROLOGY

Inundated: Yes No Depth of standing water: unknown
 Saturated Soils: Yes No Depth to saturated soil: to surface
 Other Indicators: drift lines, signs of seasonal flooding
 Wetland Hydrology: Yes No Basis: Inundated
 Source: Bear Creek overbank flows and groundwater

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain)

Has the vegetation, soils, and/or hydrology been significantly disturbed?

Yes (If yes, explain) No

Wetland Determination:

Wetland PFO

Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet #12

LWI Code: 25 SE #2 Field Investigators: L. White and P. Doundoulakis
 Location: North of Creel Rd. Adj to Bear Crk Access Allowed? Yes
 County: Jackson Legal Description: T38s R1w Sec 25
 Date: 6/13/97 Tax Lot #: 600

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. <i>Rubus discolor</i> 5%	FACUX
2.		2. <i>Typha latifolia</i> 5%	OBL
3.		3. <i>Lemna minor</i> 5%	OBL
4.		4.	
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 66 %
 Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Coleman Loam, W On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: _____
 Gleyed: Yes No Other indicators: _____
 Hydric soils: Yes No Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes No Depth of standing water: unknown
 Saturated Soils: Yes No Depth to saturated soil: surface
 Other Indicators: _____
 Wetland Hydrology: Yes No Basis: Inundated
Source: Bear Creek overbank flows and groundwater

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain)
 Has the vegetation, soils, and/or hydrology been significantly disturbed?
 Yes (If yes, explain) No
 Wetland Determination: Wetland POW Non-wetland _____

Comments:

relativize cover %'s

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Talent Local Wetland Inventory Data Sheet #13

LWI Code: 25 SE #2 Field Investigators: L. White and P. Doundoulakis
 Location: North of Creel Rd, Adj to Bear Creek Access Allowed? Yes
 County: Jackson Legal Description: T38s R1W Sec 25
 Date: 6/13/97 Tax Lot #: 600

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.			1.	<u>Rubus discolor</u>	<u>108 FACU*</u>
2.			2.		
3.			3.		
4.			4.		
Saplings/Shrubs			Woody Vines		
1.	<u>Salix</u>	<u>608 OBL, FACW</u>	1.		
2.	<u>Alnus rhombifolia</u>	<u>108 FACW</u>	2.		
3.			3.		
4.			4.		

Percent of dominant species that are OBL, FACW, and/or FAC: 70% ~~2/3~~ 1/1
 Hydrophytic vegetation: Yes X No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Coleman Loam, w On hydric soils list? Yes X No
 Mottled: Yes No X Mottle Color: Matrix Color: 5YR 4/1
 Gleyed: Yes No X Other indicators:
 Hydric soils: Yes X No Basis: Color

HYDROLOGY

Inundated: Yes No X Depth of standing water:
 Saturated Soils: Yes X No Depth to saturated soil: to surface
 Other Indicators:
 Wetland Hydrology: Yes X No Basis: Saturated soils and signs of flooding. Source: Bear Creek overbank flows and groundwater

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes X No (If no, explain)
 Has the vegetation, soils, and/or hydrology been significantly disturbed?
 Yes (If yes, explain) No X
 Wetland Determination: Wetland PSS Non-wetland

Comments:

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Talent Local Wetland Inventory Data Sheet #14

LWI Code: 25 NW #2
Location: East of Newby Park
County: Jackson
Date: 5/26/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1w Sec25
Tax Lot #: 600,700,3700,1100,1200,1300,1400,603

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. <u>Typha latifolia 50%</u>	<u>OBL</u>
2.		2. <u>Juncus effusus 30%</u>	<u>OBL</u>
3.		3. <u>Rubus discolor 10%</u>	<u>FACUX</u>
4.		4.	
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

FACW

Percent of dominant species that are OBL, FACW, and/or FAC: 100^{OK}% ~~75~~ 2/2
Hydrophytic vegetation: Yes X No ___ Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Pits and gravel On hydric soils list? Yes X No ___
Mottled: Yes ___ No ___ Mottle Color: ___ Matrix Color: ___
Gleyed: Yes ___ No ___ Other indicators: ___
Hydric soils: Yes X No ___ Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes ___ No ___ Depth of standing water: ___
Saturated Soils: Yes ___ No ___ Depth to saturated soil: ___
Other Indicators: ___
Wetland Hydrology: Yes X No ___ Basis: Inundated
Source: static groundwater and irrigation return

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes ___ No X (If no, explain) disturbed
Has the vegetation, soils, and/or hydrology been significantly disturbed? Former gravel quarry
Yes X (If yes, explain) No ___
Wetland Determination: Wetland PEM Non-wetland ___

Comments:

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Talent Local Wetland Inventory Data Sheet #15

LWI Code: 25 NW #2

Field Investigators: L. White and P. Doundoulakis

Location: East of Newbry Park, North of creek

Access Allowed? Yes

County: Jackson

Legal Description: T38s R1w Sec 25

Date: 5/26/97

Tax Lot #: 600, 3700, 1100, 1200, 1300, 1400, 603, 700

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.			1.	<u>Lemna Sp</u>	<u>10% OBL</u>
2.			2.		
3.			3.		
4.			4.		
Saplings/Shrubs			Woody Vines		
1.			1.		
2.			2.		
3.			3.		
4.			4.		

Percent of dominant species that are OBL, FACW, and/or FAC: 100 %

Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Pits & Gravel On hydric soils list? Yes No

Mottled: Yes No Mottle Color: _____ Matrix Color: _____

Gleyed: Yes No Other indicators: _____

Hydric soils: Yes No Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes No Depth of standing water: _____

Saturated Soils: Yes No Depth to saturated soil: _____

Other Indicators: _____

Wetland Hydrology: Yes No Basis: Inundated

Source: Static groundwater and irrigation return

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) disturbed

Has the vegetation, soils, and/or hydrology been significantly disturbed? Former gravel quarry

Yes (If yes, explain) No

Wetland Determination: Wetland POWx Non-wetland _____

Comments: approx. 50% of wetland unit is open water

What is the rest?

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Talent Local Wetland Inventory Data Sheet #16

LWI Code: 25 NW # 2
Location: East of Newby Park
County: Jackson
Date: 5/26/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1w Sec 25
Tax Lot #: 600, 700, 3700, 1100, 1200, 1300, 1400, 603

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1. Populus sp 5%	FAC	1. Rubus discolor 20%	FACU*
2.		2.	
3.		3.	
4.		4.	
Saplings/Shrubs		Woody Vines	
1. Salix sp 50%	OBL, FACW	1.	
2. Alnus rubra 10%	FAC	2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 70 % 3/4 or 2/3
Hydrophytic vegetation: Yes X No Basis: over 50% of dominant species are hydrophytic.

Medford silty clay loam SOILS

Series and phase: Camas-Newburg - Evans-Complex On hydric soils list? Yes X No
Mottled: Yes No X Mottle Color: Matrix Color: SYR 3/1
Gleyed: Yes No X Other indicators:
Hydric soils: Yes X No Basis: color

HYDROLOGY

Inundated: Yes No X Depth of standing water:
Saturated Soils: Yes X No Depth to saturated soil:
Other Indicators:
Wetland Hydrology: Yes X No Basis: saturated
Source: static groundwater and irrigation return

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No X (if no, explain) disturbed
Has the vegetation, soils, and/or hydrology been significantly disturbed? former gravel quarry
Yes X (if yes, explain) No

Wetland Determination: Wetland PSS Non-wetland

Comments:

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Talent Local Wetland Inventory Data Sheet #17

LWI Code: 25NW#2
Location: East of Newby Park
County: Jackson
Date: 5/26/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1w Sec 25
Tax Lot #: 600, 700, 3700, 1100, 1200, 1300, 1400, 603

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1. Populus sp. 40%	FAC, FACW	1.	
2. Salix sp. 20%	OBL, FACW	2.	
3. Fraxinus latifolia 10%	FACW	3.	
4.		4.	
Saplings/Shrubs		Woody Vines	
1. Salix sp. 10%	OBL, FACW	1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 90 % 100

Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

Medford silty clay loam SOILS

Series and phase: Camas - Newburg - Evans Complex On hydric soils list? Yes No
Mottled: Yes No Mottle Color: _____ Matrix Color: 10Y3/1
Gleyed: Yes No Other indicators: _____
Hydric soils: Yes No Basis: Gleyed

HYDROLOGY

Inundated: Yes No Depth of standing water: _____
Saturated Soils: Yes No Depth to saturated soil: 15"
Other Indicators: drift lines and flood debris
Wetland Hydrology: Yes No Basis: saturated soil and driftlines
Source: groundwater, irrigation return and overbank flow

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain)

Has the vegetation, soils, and/or hydrology been significantly disturbed?

Yes (If yes, explain) No

Wetland Determination: Wetland PFO Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet #18

LWI Code: 26 NE #2
Location: End of Madison St south of RR
County: Jackson
Date: 5/27/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1w Sec 26
Tax Lot #: 1400, 1499, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 201

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. <i>Typha latifolia</i> 15%	OBL
2.		2. <i>Equisetum arvense</i> 50%	FAC
3.		3. <i>Lotus corniculatus</i> 10%	FAC
4.		4. Pasture grass 10%	
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 75 % 100
Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Central Point Sandy Loam, w On hydric soils list? Yes No
Mottled: Yes No Mottle Color: _____ Matrix Color: 10Y2.5/1
Gleyed: Yes No Other indicators: _____
Hydric soils: Yes No Basis: Gleying and matrix color

HYDROLOGY

Inundated: Yes No Depth of standing water: _____
Saturated Soils: Yes No Depth to saturated soil: 6"
Other Indicators: _____
Wetland Hydrology: Yes No Basis: saturated
Source: Groundwater

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (if no, explain)
Has the vegetation, soils, and/or hydrology been significantly disturbed? Eastern end has been developed
Yes (if yes, explain) No

Wetland Determination: Wetland PEM Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet #19

LWI Code: 26 NE #2
Location: End of Madison St., South of RR
County: Jackson
Date: 5/27/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1W Sec 26
Tax Lot #: 1400, 1499, 1500, 1600, 1700, 1800, 1900, 2000, 2100
201

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.			1.		
2.			2.		
3.			3.		
4.			4.		
Saplings/Shrubs			Woody Vines		
1.	<u>Salix sp.</u>	<u>100%</u>	1.		
		<u>OBL, FACW</u>	2.		
2.			3.		
3.			4.		
4.					

Percent of dominant species that are OBL, FACW, and/or FAC: 100 %

Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Central Point Sandy Loam, w On hydric soils list? Yes No
Mottled: Yes No Mottle Color: _____ Matrix Color: _____
Gleyed: Yes No Other indicators: _____
Hydric soils: Yes No Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes No Depth of standing water: 6"
Saturated Soils: Yes No Depth to saturated soil: Surface
Other Indicators: _____
Wetland Hydrology: Yes No Basis: Inundated
Source: Groundwater

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain)
Has the vegetation, soils, and/or hydrology been significantly disturbed? Eastern end has been developed
Yes (If yes, explain) No
Wetland Determination: Wetland PSS Non-wetland _____
Comments: det # 93-0231 + 96-0177, no delineation made

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Talent Local Wetland Inventory Data Sheet #20

LWI Code: 26 NE # 3
Location: North of RR at Wagner Creek
County: Jackson
Date: 5/28/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1w Sec 26
Tax Lot #: 1300, 1400

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.	<u>Salix sp.</u>	<u>20%</u>	1.	<u>Rubus discolor</u>	<u>20%</u>
2.			2.		
3.			3.		
4.			4.		
Saplings/Shrubs			Woody Vines		
1.	<u>Salix sp.</u>	<u>50%</u>	1.		
2.			2.		
3.			3.		
4.			4.		

Percent of dominant species that are OBL, FACW, and/or FAC: 70% ^{2/3}
Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

Central point sandy loam SOILS

Series and phase: Evans Loam On hydric soils list? Yes No
Mottled: Yes No Mottle Color: _____ Matrix Color: 10YR 2/1
Gleyed: Yes No Other indicators: _____
Hydric soils: Yes No Basis: Color

HYDROLOGY

Inundated: Yes No Depth of standing water: _____
Saturated Soils: Yes No Depth to saturated soil: 12"
Other Indicators: _____
Wetland Hydrology: Yes No Basis: saturated and signs of flooding
Source: Groundwater and over bank flows from Wagner Creek

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (if no, explain) Disturbed
Has the vegetation, soils, and/or hydrology been significantly disturbed? Vegetation has been removed and wagner creek is channelized
Yes (if yes, explain) No
Wetland Determination: Wetland PSS Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet #21

LWI Code: 26 NE #3 Field Investigators: L. White and P. Doundoulakis
 Location: Not RR at Wagner Creek Access Allowed? Yes
 County: Jackson Legal Description: T38s R1w Sec 26
 Date: 5/28/97 Tax Lot #: 1300, 1400

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.			1.	<u>Carex unilateralis 20%</u>	<u>FACW</u>
2.			2.	<u>Equisetum arvense 10%</u>	<u>FAC</u>
3.			3.		
4.			4.		
Saplings/Shrubs			Woody Vines		
1.			1.		
2.			2.		
3.			3.		
4.			4.		

Percent of dominant species that are OBL, FACW, and/or FAC: 90 %
 Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Central Point Sandy Loam Evans Loam On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: _____
 Gleyed: Yes No Other indicators: _____
 Hydric soils: Yes No Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes No Depth of standing water: 6"
 Saturated Soils: Yes No Depth to saturated soil: Sur face
 Other Indicators: _____
 Wetland Hydrology: Yes No Basis: inundated and saturated
Source: Groundwater and overbank flows from Wagner creek

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) disturbed
 Has the vegetation, soils, and/or hydrology been significantly disturbed? Vegetation has been removed and Wagner creek channelized
 Yes (If yes, explain) No

Wetland Determination: Wetland PEM Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet #22

LWI Code: 26 NE #3
Location: Not RR at Wagner Creek
County: Jackson
Date: 5/28/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R/w Sec 26
Tax Lot #: 1300, 1400

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. <u>Lemna minor</u>	<u>OBL</u>
2.		2.	
3.		3.	
4.		4.	
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 100 %

Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

Central Point Sandy Loam SOILS

Series and phase: Evans Loam On hydric soils list? Yes No
Mottled: Yes No Mottle Color: _____ Matrix Color: _____
Gleyed: Yes No Other indicators: _____
Hydric soils: Yes No Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes No Depth of standing water: unknown, over 12"
Saturated Soils: Yes No Depth to saturated soil: Surface
Other Indicators: _____
Wetland Hydrology: Yes No Basis: Inundated and saturated
Source: Groundwater and overbank flows from Wagner Creek

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) disturbed
Has the vegetation, soils, and/or hydrology been significantly disturbed? Vegetation has been removed and Wagner Creek channelized
Yes (If yes, explain) No

Wetland Determination: Wetland POWx Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet #23

LWI Code: 26 NE #4 Field Investigators: L. White and P. Doundoulakis
 Location: SE of Talent Ave and Rapp Rd Access Allowed? Yes
 County: Jackson Legal Description: T38s R1w Sec 26
 Date: 5/28/97 Tax Lot #: 2100, 2204, 3600

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1. Populus sp. 5%	FACW, FAC	1. Vicia sp. 20%	NI
2.		2. Rumex crispus 5%	FACW
3.		3. Taraxacum officinale 20%	FACU
4.		4. Pasture grasses 40%	NI
Saplings/Shrubs		Woody Vines	
1.		1. must key out	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 30 %

Hydrophytic vegetation: Yes No Basis: less than 50% of dominant species are hydrophytic, but cultivation may have obliterated normal conditions

SOILS

Series and phase: Coleman Loam, w On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: 7.5YR 2.5/1
 Gleyed: Yes No Other indicators: high organic content in soil
 Hydric soils: Yes No Basis: Color and organic content

HYDROLOGY

Inundated: Yes No Depth of standing water: 1/2 inch
 Saturated Soils: Yes No Depth to saturated soil: surface
 Other Indicators: Drainage patterns
 Wetland Hydrology: Yes No Basis: Inundation, saturation and drainage patterns. Source: Urban runoff, and flood irrigation

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) Cultivated

Has the vegetation, soils, and/or hydrology been significantly disturbed? Yes (If yes, explain) Cultivated, irrigated and drained. No

Wetland Determination: Wetland PEM Non-wetland _____

Comments: Possible farmed wetland.

needs to be verified

Talent Local Wetland Inventory Data Sheet # 24

LWI Code: 26 NE #1 Field Investigators: L. White and P. Doundoulakis
 Location: South of HWY 99, east of Wagner Crk Access Allowed? NO
 County: Jackson Legal Description: T38s R1w Sec 26
 Date: 5/30/97 Tax Lot #: 600,800,900

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1. <i>Populus sp.</i>	10%	FAC	1. <i>Rubus discolor</i>	20%	FACU*
2. <i>Salix sp.</i>	10%	OBL, FACW	2. Grasses	10%	NI
3.			3.		
4.			4.		
Saplings/Shrubs			Woody Vines		
1. <i>Salix sp.</i>	40%	OBL, FACW	1.		
2.			2.		
3.			3.		
4.			4.		

Percent of dominant species that are OBL, FACW, and/or FAC: 60 % 3/4
 Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Gregory Silty Clay Loam On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: _____
 Gleyed: Yes No Other indicators: _____
 Hydric soils: Yes No Basis: not sampled

HYDROLOGY

Inundated: Yes No Depth of standing water: _____
 Saturated Soils: Yes No Depth to saturated soil: unknown
 Other Indicators: Flood deposits near Wagner creek
 Wetland Hydrology: Yes No Basis: _____
Source: Groundwater and overbank flows from Wagner creek

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) Landscaped
 Has the vegetation, soils, and/or hydrology been significantly disturbed? recent filling and plant removal
 Yes (If yes, explain) No
 Wetland Determination: Wetland PSS Non-wetland _____
 Comments: Site needs further delineation with access and historical photo research

Talent Local Wetland Inventory Data Sheet #25

LWI Code: 26 NE #1 Field Investigators: L. White and P. Doundoulakis
 Location: South of HWY 99, east of Wagner Creek Access Allowed? No
 County: Jackson Legal Description: T38s R1W Sec 26
 Date: 5/30/97 Tax Lot #: 600, 800, 900

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1. <i>Populus sp</i> 40%	FAC	1. <i>Rubus discolor</i> 10%	FACUX
2. <i>Salix sp.</i> 10%	OBL, FACW	2. <i>Grasses</i> 20%	NI
3.		3.	
4.		4.	
Saplings/Shrubs		Woody Vines	
1. <i>Salix sp.</i> 20%	OBL, FACW	1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 70 % 3/4 +
 Hydrophytic vegetation: Yes X No ___ Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Gregory Silty clay loam On hydric soils list? Yes X No ___
 Mottled: Yes ___ No ___ Mottle Color: ___ Matrix Color: ___
 Gleyed: Yes ___ No ___ Other indicators: ___
 Hydric soils: Yes ___ No ___ Basis: not sampled

HYDROLOGY

Inundated: Yes ___ No X Depth of standing water: ___
 Saturated Soils: Yes ___ No ___ Depth to saturated soil: unknown
 Other Indicators: Flood deposits near Wagner Creek
 Wetland Hydrology: Yes X No ___ Basis: Source: Groundwater and overbank flows from Wagner creek

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes ___ No X (If no, explain) Landscaped
 Has the vegetation, soils, and/or hydrology been significantly disturbed?
 Yes X (If yes, explain) recent filling and plant removal No ___
 Wetland Determination: Wetland PFO Non-wetland ___
 Comments: East lot has signs of recent fill. Site needs further delineation.

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Talent Local Wetland Inventory Data Sheet #26

LWI Code: 26 SE #1 Field Investigators: L. White and P. Doundoulakis
 Location: Helm Rd, south of RR tracks Access Allowed? Yes
 County: Jackson Legal Description: T38s R1w Sec 26
 Date: 5/27/97 Tax Lot #: 100

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1.	
2.		2.	
3.		3.	
4.		4.	
Saplings/Shrubs		Woody Vines	
1.		1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: _____ %

Hydrophytic vegetation: Yes ___ No ___ Basis: _____

SOILS

Series and phase: Coleman Loam, w On hydric soils list? Yes No ___
 Mottled: Yes ___ No ___ Mottle Color: _____ Matrix Color: _____
 Gleyed: Yes ___ No ___ Other indicators: _____
 Hydric soils: Yes No ___ Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes No ___ Depth of standing water: 8' according to owner
 Saturated Soils: Yes No ___ Depth to saturated soil: _____
 Other Indicators: _____
 Wetland Hydrology: Yes No ___ Basis: Inundated during growing season
Source: Groundwater and irrigation impoundment

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes ___ No (If no, explain) periodically excavated

Has the vegetation, soils, and/or hydrology been significantly disturbed?
 Yes (If yes, explain) No ___ Excavated and impounded

Wetland Determination: Wetland POW Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet #27

LWI Code: 26 SE #1 Field Investigators: L. White and P. Doundoulakis
 Location: Off Helm Rd, South of RR Access Allowed? Yes
 County: Jackson Legal Description: T38sR1wSec 26
 Date: 5/27/97 Tax Lot #: 100

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.			1. <i>Typha latifolia</i>	80%	OBL
2.			2. <i>Rubus discolor</i>	10%	FACU*
3.			3.		
4.			4.		
Saplings/Shrubs			Woody Vines		
1.			1.		
2.			2.		
3.			3.		
4.			4.		

unlikley
combo

Percent of dominant species that are OBL, FACW, and/or FAC: 80 % 100 %
 Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Coleman Loam, w On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: _____
 Gleyed: Yes No Other indicators: _____
 Hydric soils: Yes No Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes No Depth of standing water: 2'
 Saturated Soils: Yes No Depth to saturated soil: Surface
 Other Indicators: _____
 Wetland Hydrology: Yes No Basis: Inundated during growing season
 Source: Groundwater and irrigation impoundment

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) periodically excavated

Has the vegetation, soils, and/or hydrology been significantly disturbed? Yes (If yes, explain) Excavated and impounded No

Wetland Determination: Wetland PEM Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet # 28

LWI Code: 26 SE #1
Location: Off Helm Rd., South of RR
County: Jackson
Date: 5/27/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1w Sec 26
Tax Lot #: 100

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status		
Trees			Herbs				
1.	<u>Salix sp</u>	<u>20%</u>	<u>OBL, FACW</u>	1.	<u>Rubus discolor</u>	<u>10%</u>	<u>FACU+</u>
2.				2.			
3.				3.			
4.				4.			
Saplings/Shrubs			Woody Vines				
1.	<u>Salix sp</u>	<u>40%</u>	<u>OBL, FACW</u>	1.			
2.				2.			
3.				3.			
4.				4.			

Percent of dominant species that are OBL, FACW, and/or FAC: 80% ^{2/2}
Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Coleman Loam, w On hydric soils list? Yes No
Mottled: Yes No Mottle Color: _____ Matrix Color: 7.5 YR 2/1
Gleyed: Yes No Other indicators: _____
Hydric soils: Yes No Basis: Color

HYDROLOGY

Inundated: Yes No Depth of standing water: _____
Saturated Soils: Yes No Depth to saturated soil: 12"
Other Indicators: site of natural spring according to owner
Wetland Hydrology: Yes No Basis: Saturated soil
Source: Groundwater and irrigation impoundment

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain) Plants are periodically removed
Has the vegetation, soils, and/or hydrology been significantly disturbed? Yes (If yes, explain) Excavated and impounded No
Wetland Determination: Wetland PSS Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet #29

LWI Code: 36 NE #1
Location: South of Talent Ave
County: Jackson
Date: 6/2/97

Field Investigators: L. White and P. Doundoulakis
Access Allowed? Yes
Legal Description: T38s R1w Sec 36
Tax Lot #: 1302

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species		Indicator Status	Dominant Plant Species		Indicator Status
Trees			Herbs		
1.			1.	<u>Lemna minor</u> <u>10%</u>	<u>OBL</u>
2.			2.		
3.			3.		
4.			4.		
Saplings/Shrubs			Woody Vines		
1.			1.		
2.			2.		
3.			3.		
4.			4.		

Percent of dominant species that are OBL, FACW, and/or FAC: 100 %

Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Manita-Vannoy complex, w On hydric soils list? Yes No
Mottled: Yes No Mottle Color: _____ Matrix Color: _____
Gleyed: Yes No Other indicators: _____
Hydric soils: Yes No Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes No Depth of standing water: unknown
Saturated Soils: Yes No Depth to saturated soil: surface
Other Indicators: _____
Wetland Hydrology: Yes No Basis: Inundated
Source: Groundwater

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain)

Has the vegetation, soils, and/or hydrology been significantly disturbed?

Yes (If yes, explain) No Excavated for irrigation impoundment

Wetland Determination: Wetland PABx Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet #30

LWI Code: 36 NE #1 Field Investigators: L. White and P. Doundoulakis
 Location: South of Talent Ave Access Allowed? Yes
 County: Jackson Legal Description: T38s R1w Sec 36
 Date: 6/2/97 Tax Lot #: 1302

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. <i>Typha latifolia</i> 50%	OBL
2.		2. <i>Rubus discolor</i> 10%	FACU+
3.		3. <i>Carex sp.</i> 5%	OBL
4.		4.	
Saplings/Shrubs		Woody Vines	
1. <i>Salix sp.</i> 20%	OBL, FACW	1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 75% ^{2/2}
 Hydrophytic vegetation: Yes No Basis: over 50% of dominant species are hydrophytic

SOILS

Series and phase: Manita-Vannoy Complex, w On hydric soils list? Yes No
 Mottled: Yes No Mottle Color: _____ Matrix Color: _____
 Gleyed: Yes No Other indicators: _____
 Hydric soils: Yes No Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes No Depth of standing water: 12"
 Saturated Soils: Yes No Depth to saturated soil: surface
 Other Indicators: _____
 Wetland Hydrology: Yes No Basis: Inundated
Source: Groundwater

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes No (If no, explain)

Has the vegetation, soils, and/or hydrology been significantly disturbed?
 Yes (If yes, explain) No Excavated for irrigation impoundment

Wetland Determination: Wetland PEM Non-wetland _____

Comments:

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Talent Local Wetland Inventory Data Sheet #3

LWI Code: 23SE#3 Field Investigators: L. White and P. Doundoulakis
 Location: Behind Walmart near Wagner Creek Access Allowed? _____
 County: Jackson Legal Description: T38sR1wSec23
 Date: 10/1/97 Tax Lot #: _____

VEGETATION

(List the three dominant species in each vegetation layer or five dominant species if only 1 or 2 layers)

Dominant Plant Species	Indicator Status	Dominant Plant Species	Indicator Status
Trees		Herbs	
1.		1. <i>Scirpus acutus</i> 40%	OBL
2.		2. <i>Typha latifolia</i> 20%	OBL
3.		3.	
4.		4.	
Saplings/Shrubs		Woody Vines	
1. <i>Salix sp</i> 20%	OBL, FACW	1.	
2.		2.	
3.		3.	
4.		4.	

Percent of dominant species that are OBL, FACW, and/or FAC: 100% %

Hydrophytic vegetation: Yes X No ___ Basis: Over 50% of the dominant species are hydrophytic

SOILS

Series and phase: Medford Silty Clay Loam, 0-3B On hydric soils list? Yes X No ___
 Mottled: Yes ___ No ___ Mottle Color: _____ Matrix Color: _____
 Gleyed: Yes ___ No ___ Other indicators: _____
 Hydric soils: Yes X No ___ Basis: Inundated at time of sampling

HYDROLOGY

Inundated: Yes X No ___ Depth of standing water: 8"
 Saturated Soils: Yes X No ___ Depth to saturated soil: surface
 Other Indicators: _____
 Wetland Hydrology: Yes X No ___ Basis: Standing water
Source: irrigation

WETLAND DETERMINATION AND RATIONALE

Do normal conditions exist at the plant community? Yes ___ No X (If no, explain) landscaped
 Has the vegetation, soils, and/or hydrology been significantly disturbed? Constructed wetland
 Yes X (If yes, explain) No ___
 Wetland Determination: Wetland X Non-wetland ___
 Comments: Constructed wetland for mitigation easement

Appendix C
Wetland Summary Sheets

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Talent Wetland Summary Sheet

Wetland Code: 23NE#1		Data Sheet # 1
Map #: T38sR1wSec 23	Tax Lot #s 903	Date: 5/27/97
Road/description: 100 yds to the east of Suncrest road and south of Bear Creek. Access from Suncrest Rd.		
Total Size: 1.01 acres	Cowardin Classes: PSS	
Site Description: Wetland is adjacent to Bear Creek riparian zone and there was approximately 24" of silt deposited during the 1997 flood. Upland boundary defined by an abrupt change in slope and vegetation.		
Soils: Evans Loam, 0-3% slopes, wet and marsh spots (Hydric) Camas-Newburg-Evans Complex, 0-3% slopes, wet and marsh spots (Hydric)		
Dominant Vegetation:		
Trees Populus balsamifera	Saplings/Shrubs Salix sp.	Herbs/Emergents Rubus discolor
Hydrology Source: Groundwater <i>and Bear Cr. over flow</i>		
Comments: The wetland was severely impacted during the flood in January, 1997. Although there is adequate woody vegetation remaining, most emergent vegetation was covered with over two feet of silt, and the area was severely scoured. NWI lists as PEMC, but now more PSSC. Good location for enhancement or education on county-owned land, near low traffic road and Bear Creek Greenway Park system.		

hydro intact

Function & condition summary sheet for the Oregon MethodWetland Identification: **23NE#1**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is intact.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has high enhancement potential.	
Education	The wetland has educational uses.	
Recreation	The wetland has the potential to provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be moderately pleasing.	

Narrative description of overall wetland functions and conditions

The wetland was severely impacted during the flood in January, 1997. Although there is adequate woody vegetation remaining, most emergent vegetation was covered with over two feet of silt, and the area was severely scoured. NWI lists as PEMC, but now more PSSC. Good location for enhancement or education on county-owned land, near low traffic road and Bear Creek Greenway. This is a locally significant wetland because the hydrologic control function is intact.

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Talent Wetland Summary Sheet

Wetland Code: 23SE#1		Data Sheet # 2
Map #: T38sR1wSec 23	Tax Lot #s 400	Date: 5/26/97
Road/description: Below Christopher Lane and golfing range. Northwest corner of flatland behind Valley Oaks Estates.		
Total Size: 0.68 acres	Cowardin Classes: PEMx	
Site Description: Old excavated irrigation pond at base of slope which has collected sediment and is now rather shallow. Predominantly Typha (cattails) with approximately 20% open water covered with Lemna (duckweed). Boundary is based on an abrupt change in slope and vegetation.		
Soils: Evans Loam, 0-3% slopes, wet and marsh spots (Hydric)		
Dominant Vegetation:		
Trees	Saplings/Shrubs	Herbs/Emergents Typha latifolia
Hydrology Source: Groundwater, a ditch carrying irrigation water and urban runoff.		
Comments: Old irrigation pond still has hydrology from urban runoff and groundwater. Possibly a natural wetland that was modified for water storage. Good location topographically for urban stormwater runoff management and also near the Bear Creek Greenway Park system for habitat enhancement project.		

drains N to Bear Cr. along parcel line.

Hydro, WSWal contact

✓

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Function & condition summary sheet for the Oregon Method

Wetland Identification: **23SE#1**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is intact.	
Hydrologic control	The wetland's hydrologic control function is intact.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has moderate enhancement potential.	
Education	The wetland has potential for educational use.	
Recreation	The wetland is not appropriate for or does not provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be moderately pleasing.	
Narrative description of overall wetland functions and conditions		
Old irrigation pond still has hydrology from groundwater. Possibly a wetland that was modified for water storage. Good location topographically for urban stormwater runoff management or near the Bear Creek Greenway for habitat enhancement project. This is a locally significant wetland because the hydrologic control function and water-quality function are intact.		

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Talent Wetland Summary Sheet

Wetland Code: 25NW#1		Data Sheet # 3, 4
Map #: T38sR1wSec 25	Tax Lot #s 600, 602, 603 & 700	Date: 5/26/97
Road/description: East of Lynn Newbry Park between Bear Creek and Interstate 5. Site of de Young Sand and Gravel.		
Total Size: 5.04 acres	Cowardin Classes: 10% PSS, 90% POW	
15 Site Description: Pond is the result of gravel extraction, and has steep sides and in-over eight feet deep in the middle. Center is open water and boundary is fringed with salix (willow) and some typha (cattail). There appears to be two islands or shallow areas in the center, but only one is vegetated. Restricted outlet via culvert and ditch to Bear Creek. Upland boundary defined by an abrupt change in slope and vegetation.		
Soils: Evans Loam, 0-3% slopes, wet and marsh spots (Hydric) Camas-Newburg-Evans Complex, 0-3% slopes, wet and marsh spots (Hydric)		
Dominant Vegetation:		
Trees	Saplings/Shrubs Salix sp.	Herbs/Emergents Typha latifolia Scirpus microcarpus
Hydrology Source: Groundwater		
Comments: The wetland as it appears today was created by gravel extraction and storage, and it is now under a wetland mitigation easement. It is located within the Bear Creek Greenway Park system, and is mostly publicly owned. Although wildlife habitat and fish habitat function are considered intact, it is a very good location for enhancement. Pond is known to be stocked with catfish and bass and should not commingle with Bear Creek. Restoration should be considered to increase riparian/wetland interspersions and lower water temperatures.		



Function & condition summary sheet for the Oregon Method

Wetland Identification: **25NW#1**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides diverse wildlife habitat.	
Fish habitat	The wetland's fish habitat function is impacted or degraded.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is intact.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The enhancement potential was not assessed because the wetland provides diverse wildlife habitat.	
Education	The wetland has potential for educational use.	
Recreation	The wetland provides recreational opportunities.	
Aesthetic quality	The wetland is considered to be moderately pleasing.	

Narrative description of overall wetland functions and conditions

The wetland as it appears today was created by gravel extraction and storage. It is located within the Bear Creek Greenway, and is mostly publicly owned. Although wildlife habitat and fish habitat function are intact, it is a very good location for enhancement. Restoration should be considered to increase riparian/wetland interspersion and lower water temperatures. This is a locally significant wetland because it provides diverse wildlife habitat and the hydrologic control function are intact.

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Talent Wetland Summary Sheet

Wetland Code: 25NE#1		Data Sheet # 5
Map #: T38sR1wSec 25	Tax Lot #s 601	Date: 5/27/97
Road/description: South of Valley View Road and north of Interstate 5. Although access was not permitted by owner, most of site is visible from Valley View Road.		
Total Size: 1.14 acres	Cowardin Classes: PEM	
Site Description: Wet swales in pasture downhill from pear orchards and pond. Signs of soil dumping, ditching, excavation and cultivation. Blackberries appear to dominate disturbed areas. Upland boundary determined from visible changes in vegetation.		
Soils: Padigan Clay (Hydric)		
Dominant Vegetation:		
Trees	Saplings/Shrubs	Herbs/Emergents Typha latifolia ← Rubus discolor Conium Maculatum Dipsacus sylvestris Pasture Grasses
Hydrology Source: Agricultural runoff, and groundwater		
Comments: This wetland has been disturbed by filling and excavation, and it appears that there is a ditch across the site attempting to drain it, but wetland plants are still visible from the road and in the aerial photograph. There may be an outlet to a drain or culvert under the freeway. Property was not cultivated at time of sampling, but was for sale.		

sig because mod WQual
and close to Bear Cr.

✓

Function & condition summary sheet for the Oregon MethodWetland Identification: **25NE#1**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is impacted or degraded.	
Sensitivity to future impacts	The wetland is potentially sensitive to future impacts.	
Enhancement potential	The wetland has high enhancement potential.	
Education	The wetland has potential for educational use.	
Recreation	The wetland is not appropriate for or does not provide recreational opportunities.	
Aesthetic quality	The wetland is not pleasing.	
Narrative description of overall wetland functions and conditions		
<p>This wetland has been disturbed by filling and excavation. It appears that there is a ditch across the site attempting to drain it, but wetland plants are still visible from the road and in the aerial photograph. There may be an outlet to a drain or culvert under the freeway. Hydrology seems to include surface agricultural runoff, precipitation or sheet flow, and groundwater. This is a locally significant wetland because it is less than one-fourth mile from Bear Creek and the wetland's water quality function is described as "intact" or "impacted or degraded".</p>		

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Talent Wetland Summary Sheet

Wetland Code: 25NE#2		Data Sheet # 6
Map #: T38sR1wSec 25	Tax Lot #s 601	Date: 5/27/97
Road/description: South of Valley View Road and north of Interstate 5. Although access was not permitted by owner, most of site is visible from Valley View Road.		
Total Size: 0.53 acres	Cowardin Classes: PEM	
Site Description: Wet swales in pasture downhill from pear orchards and pond. Signs of soil dumping, ditching, excavation and cultivation. Blackberries appear to dominate disturbed areas. Upland boundary determined from visible changes in vegetation.		
Soils: Padigan Clay (Hydric)		
Dominant Vegetation:		
Trees	Saplings/Shrubs	Herbs/Emergents Typha latifolia Rubus discolor Conium Maculatum Dipsacus sylvestris Pasture Grasses
Hydrology Source: Agricultural runoff, and groundwater		
Comments: This wetland has been disturbed by filling and excavation, and it appears that there is a ditch across the site attempting to drain it, but wetland plants are still visible from the road and in the aerial photograph. There may be an outlet to a drain or culvert under the freeway. Property was not cultivated at time of sampling, but was for sale. Further delineation should be conducted prior to development.		

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Function & condition summary sheet for the Oregon Method

Wetland Identification: **25NE#2**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is impacted or degraded.	
Sensitivity to future impacts	The wetland is potentially sensitive to future impacts.	
Enhancement potential	The wetland has high enhancement potential.	
Education	The wetland has potential for educational use.	
Recreation	The wetland is not appropriate for or does not provide recreational opportunities.	
Aesthetic quality	The wetland is not pleasing.	
Narrative description of overall wetland functions and conditions		
<p>This wetland has been disturbed by filling and excavation. It appears that there is a ditch across the site attempting to drain it, but wetland plants are still visible from the road and in the aerial photograph. There may be an outlet to a drain or culvert under the freeway. Hydrology seems to include surface agricultural runoff, precipitation or sheet flow, and groundwater. This is a locally significant wetland because it is less than one-fourth mile from Bear Creek and the wetland's water quality function is described as "intact" or "impacted or degraded".</p>		

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Talent Wetland Summary Sheet

Wetland Code: 25SW#1		Data Sheet # 7
Map #: T38sR1wSec 25	Tax Lot #s 4101	Date: 5/30/97
Road/description: East of Pleasant View Drive, on both sides of the Talent irrigation ditch.		
Total Size: 1.19 acres	Cowardin Classes: PEM	
Site Description: Pasture at the bottom of a gently sloping field which is heavily grazed by horses removing most wetland plants. Wetland boundary defined by subtle change in the predominant plants, and is visible in aerial photograph.		
Soils: Manita-Vannoy Complex, 20 to 40% slopes, wet and marsh spots (Hydric)		
Dominant Vegetation:		
Trees	Saplings/Shrubs	Herbs/Emergents Dipsacus sylvestris Lotus corniculatus Carex unilateralis Pasture Grasses
Hydrology Source: Ditch Leakage, surface runoff, and groundwater		
Comments: Wet meadow possibly caused by leaking ditch, surface runoff or groundwater. Wetland vegetation south of ditch has been largely removed by horses and agricultural practices. Further delineation should be conducted prior to development.		



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Function & condition summary sheet for the Oregon Method

Wetland Identification: **25SW#1**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is intact.	very weak check ponding
Hydrologic control	The wetland's hydrologic control function is intact . degraded	none on slope
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has moderate enhancement potential.	
Education	The wetland site is not appropriate for educational use.	
Recreation	The wetland is not appropriate for or does not provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be moderately pleasing.	

Narrative description of overall wetland functions and conditions

Wet meadow possibly caused by leaking ditch or groundwater. Wetland vegetation largely removed by horses and agricultural practices. This is a locally significant wetland because the hydrologic control function and water-quality function are intact.

Doubtful

WQ quality call depends on presence of ponding (to settle sediment) and over 60% veg cover for filtration. both weak.

hydro Q 2 says unable to determine if it ponds - inconsistent w/ above.

Hydro functions added wrong, score is med not high.

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Talent Wetland Summary Sheet

Wetland Code: 23SE#2		Data Sheet # 8
Map #: T38sR1wSec 23	Tax Lot #s 101	Date: 5/26/97
Road/description: Active de Young sand and gravel quarry just downstream from the confluence of Bear Creek and Wagner Creek. Gravel access road just north of the Valley View Road bridge over Wagner Creek.		
Total Size: 0.53 acres	Cowardin Classes: PUBx	
Site Description: Linear pond created by excavation after all vegetation (cottonwood forest) was removed. Boundary based on abrupt change in slope. Approximately 100 feet from the bank of Bear Creek, and under riparian influence.		
Soils: Evans Loam, 0 to 3% slopes, wet and marsh spots (Hydric)		
Dominant Vegetation:		
Trees	Saplings/Shrubs	Herbs/Emergents
Hydrology Source: Groundwater		
Comments: Complete removal of all vegetation and heavy grading have obscured any signs of former wetland features. Newly excavated pond has only deep water habitat, and no vegetation within forty feet. Pond has been excavated below groundwater for gravel mining. Site is within the floodplain, and adjacent to city owned land. Bear Creek Greenway Park system is across the creek. Possible location for stormwater treatment pond. Check with state agencies for jurisdiction.		



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Function & condition summary sheet for the Oregon Method

Wetland Identification: **23SE#2**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	The wetland's fish habitat function is impacted or degraded.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is intact.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has moderate enhancement potential.	
Education	The wetland has potential for educational use.	
Recreation	The wetland has the potential to provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be moderately pleasing.	
Narrative description of overall wetland functions and conditions		
<p>Complete removal of all vegetation and heavy grading have obscured all signs of any former wetland features. Newly excavated pond has only deep water habitat, and no vegetation within forty feet. Pond has been excavated below groundwater for gravel mining. Site is within the floodplain, and adjacent to city owned land. Bear Creek Greenway Park system is across the creek. Possible location for stormwater treatment pond. This is a locally significant wetland because the hydrologic control function is intact.</p>		

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Talent Wetland Summary Sheet

Wetland Code: 25SW#2		Data Sheet # 9
Map #: T38sR1wSec 25	Tax Lot #s 100, 101, 102, 103, 1700	Date: 5/30/97
Road/description: Near the corner of Lithia way and David Way, between Talent Avenue and Hwy 99		
Total Size: 2.26 acres	Cowardin Classes: PEM	
Site Description: Gently sloping pasture with a hummocky (uneven) surface. Boundary based on vegetation.		
Soils: Padigan Clay, 0 to 3% slopes, (Hydric) Coleman Loam, 0 to 7% slopes, (Hydric)		
Dominant Vegetation:		
Trees	Saplings/Shrubs	Herbs/Emergents Agrostis stolonifera Carex unilateralis
Hydrology Source: Flood irrigation and surface runoff		
Comments: Former pasture land, this site is approximately 50% wetland areas well interspersed with disturbed areas. Site needs delineation before development.		

city is aware of WL

per. N. Kincaid

suspect additional WL to SE, large lots
show drainage patterns

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Function & condition summary sheet for the Oregon Method

Wetland Identification: **25SW#2**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is impacted or degraded.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has moderate enhancement potential.	
Education	The wetland has potential for educational use.	
Recreation	The wetland is not appropriate for or does not provide recreational opportunities.	
Aesthetic quality	The wetland is not pleasing.	

Narrative description of overall wetland functions and conditions

Formerly agricultural land, this site has wetland areas interspersed with disturbed areas. This is a locally significant wetland because it is less than one-fourth mile from Bear Creek and the wetland's water quality function is described as "intact" or "impacted or degraded".

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Talent Wetland Summary Sheet

Wetland Code: 25SE#1		Data Sheet # 10
Map #: T38sR1wSec 25	Tax Lot #s 100	Date: 6/2/97
Road/description: East of Summer Place and south of Hwy 99		
Total Size: 0.33 acres	Cowardin Classes: PEM	
Site Description: Gently sloping pasture with a hummocky (uneven) surface. Boundary based on vegetation. Wet meadow ends with scrub/shrub and trees, then into culvert under Hwy 99 to Bear Creek.		
Soils: Coleman Loam, 0 to 7% slopes, (Hydric)		
Dominant Vegetation:		
Trees	Saplings/Shrubs	Herbs/Emergents Agrostis stolonifera Festuca arundinacea Juncus effusus Carex unilateralis
Hydrology Source: Surface runoff and irrigation in natural swale		
Comments: Heavily disturbed and actively grazed. Wetland area appears to have been site of filling.		

2/00 not recent fill

Function & condition summary sheet for the Oregon MethodWetland Identification: **25SE#1**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is impacted or degraded.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has moderate enhancement potential.	
Education	The wetland has educational uses.	
Recreation	The wetland has the potential to provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be moderately pleasing.	
Narrative description of overall wetland functions and conditions		
Heavily disturbed and actively grazed. Wetland area appears to have been site of filling. Wet meadow ends with scrub/shrub and trees, then into culvert to Bear Creek. This is a locally significant wetland because it is less than one-fourth mile from Bear Creek and the wetland's water quality function is described as "intact" or "impacted or degraded".		

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Talent Wetland Summary Sheet

Wetland Code: 25SE#2		Data Sheet # 11, 12, 13
Map #: T38sR1wSec 25	Tax Lot #s 600	Date: 6/13/97
Road/description: Adjacent to Bear Creek in the Bear Creek Greenway Park system. North of Creel Road.		
Total Size: 1.50 acres	Cowardin Classes: 50% PFO, 30% POW, 20% PSS	
Site Description: Old stream channel meander with inlet under the Greenway bike trail. Boundary defined by abrupt change in slope and vegetation.		
Soils: Padigan Clay, 0 to 3% slopes, (Hydric) Coleman Loam, 0 to 7% slopes, (Hydric)		
Dominant Vegetation:		
Trees Populus balsamifera Alnus rhombifolia Salix sp. Acer macrophyllum	Saplings/Shrubs Salix sp. Alnus rhombifolia	Herbs/Emergents Typha latifolia Rubus discolor Lemna Minor
Hydrology Source: Bear Creek overbank flows and groundwater		
Comments: Many large trees with good wetland interspersion.		



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Function & condition summary sheet for the Oregon Method

Wetland Identification: **25SE#2**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides diverse wildlife habitat.	
Fish habitat	The wetland's fish habitat function is intact.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is intact.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The enhancement potential was not assessed because the wetland provides diverse wildlife habitat.	
Education	The wetland has potential for educational use.	
Recreation	The wetland has the potential to provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be moderately pleasing.	
Narrative description of overall wetland functions and conditions		
An abandoned stream channel or oxbow with very little disturbance except channelization of inlet under the greenway bike path. Excellent canopy and species diversity. This is a locally significant wetland because it provides diverse wildlife habitat, the fish habitat function is intact, and the hydrologic control function is intact.		

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Talent Wetland Summary Sheet

Wetland Code: 25NW#2		Data Sheet # 14, 15, 16, 17	
Map #: T38sR1wSec 25	Tax Lot #s 600, 603,700,1100,1200, 1300		Date: 5/26/97
Road/description: East of Lynn Newbry Park. Between bike trail and Interstate 5.			
Total Size: 31.43 acres	Cowardin Classes: 50% POWx, 20% PSS, 20%PEM, PFO 10%		
Site Description: Ponds at groundwater level from former gravel extraction. Soils and topography around ponds have been disturbed, and have filled in with a mosaic of emergent wetland, willow shrub and cottonwood forest. Ponds are over eight feet deep with steep sides and a fringe of emergent vegetation. Boundary defined by abrupt change in slope and vegetation.			
Soils: Medford Silty Clay Loam, 0 to 3% slopes, wet and marsh spots (Hydric) Camas-Newburg-Evans Complex, 0 to 3% slopes, wet and marsh spots (Hydric) Pits and gravels, (Hydric)			
Dominant Vegetation:			
Trees Populus balsamifera Fraxinus latifolia Salix sp.	Saplings/Shrubs Salix sp. Alnus rhombifolia	Herbs/Emergents Typha latifolia Rubus discolor Lemna Minor	
Hydrology Source: Bear Creek overbank flows and groundwater			
Comments: The wetland as it appears today was created by gravel extraction. Although wildlife habitat and fish habitat function are considered intact, it is a very good location for enhancement. Pond is known to be stocked with catfish and bass and should not commingle with Bear Creek. Restoration should be considered to increase wetland interspersions and lower water temperatures.			

Function & condition summary sheet for the Oregon MethodWetland Identification: **25NW#2**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides diverse wildlife habitat.	
Fish habitat	The wetland's fish habitat function is impacted or degraded.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is intact.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The enhancement potential was not assessed because the wetland provides diverse wildlife habitat.	
Education	The wetland has educational uses.	
Recreation	The wetland provides recreational opportunities.	
Aesthetic quality	The wetland is considered to be moderately pleasing.	
Narrative description of overall wetland functions and conditions		
The wetland as it appears today was created by gravel extraction and storage. It is located within the Bear Creek Greenway, and is mostly publicly owned. Although wildlife habitat and fish habitat function are intact, it is a very good location for enhancement. Restoration should be considered to increase riparian/wetland interspersions and lower water temperatures. This is a locally significant wetland because it provides diverse wildlife habitat, the water-quality function is intact, and the hydrologic control function is intact.		

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Talent Wetland Summary Sheet

Wetland Code: 26NE#2		Data Sheet # 18, 19
Map #: T38sR1wSec 26	Tax Lot #s 201, 1400, 1499, 1500, 1600, 1700, 1900, 2000, 2100	Date: 5/27/97
Road/description: East of Madison Street to Wagner Creek. South of RR Tracks.		
Total Size: 1.38 acres	Cowardin Classes: 70% PSS, 30% PEM	
Site Description: Uphill from 20' high RR berm. Downhill from the site of a historical natural swale and spring which was developed into a part of the Talent city water supply. Boundary defined by abrupt change in slope and vegetation. Eastern portion of wetland has been filled and developed, but still has hydrologic connection with Wagner Creek.		
Soils: Central Point Sandy Loam, 0 to 3% slopes, wet and marsh spots (Hydric)		
Dominant Vegetation:		
Trees	Saplings/Shrubs Salix sp.	Herbs/Emergents Typha latifolia Equisetum arvense Lotus corniculatus Pasture grass
Hydrology Source: Groundwater <i>and surface runoff</i>		
Comments: Wetland appears to be shrinking from development and filling. At the time of sampling there were recent boundary flags located at the present wetland/upland boundary. DSL Determination # 93-0231, and 96-0177, however no formal delineation had been submitted to DSL.		

Function & condition summary sheet for the Oregon MethodWetland Identification: **26NE#2**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is intact.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has moderate enhancement potential.	
Education	The wetland has educational uses.	
Recreation	The wetland has the potential to provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be pleasing.	
Narrative description of overall wetland functions and conditions		
This wetland was connected to Wagner Creek in the 1992 aerial photo, but recent development has filled a portion of it. The wetland now has a berm around it where houses are planned, but preservation of the wetland is under DSL oversight. This is a locally significant wetland because the hydrologic control function is intact.		

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Talent Wetland Summary Sheet

Wetland Code: 26NE#3		Data Sheet # 20, 21, 22
Map #: T38sR1wSec 26	Tax Lot #s 1300, 1400	Date: 5/28/97
Road/description: North of RR bridge over Wagner Creek, Southeast from mobile home park.		
Total Size: 1.48 acres	Cowardin Classes: 60% PSS, 30% POWx, 10% PEM	
Site Description: Downhill from 20' high RR berm on both sides of Wagner Creek. Small irrigation pond and emergent area on east side of creek and larger willow scrub/shrub area on west side. Boundary defined by a change in slope and vegetation.		
Soils: Central Point Sandy Loam, 0 to 3% slopes, wet and marsh spots (Hydric) Evans Loam, 0 to 3% slopes, wet and marsh spots (Hydric)		
Dominant Vegetation:		
Trees Salix sp.	Saplings/Shrubs Salix sp.	Herbs/Emergents Carex unilateralis Equisetum arvense
Hydrology Source: Groundwater and overbank flows from Wagner Creek		
Comments:		

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Function & condition summary sheet for the Oregon Method

Wetland Identification: **26NE#3**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	The wetland's fish habitat function is impacted or degraded.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is intact.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The enhancement potential was not assessed because the wetland provides diverse wildlife habitat.	
Education	The wetland site is not appropriate for educational use.	
Recreation	The wetland has the potential to provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be pleasing.	
Narrative description of overall wetland functions and conditions		
Extends across Wagner Creek, and includes two ponds that seasonally flood. although located near mobile home park, there does not appear to be to much disturbance. This is a locally significant wetland because the hydrologic control function is intact.		

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Talent Wetland Summary Sheet

Wetland Code: 26NE#4		Data Sheet # 23
Map #: T38sR1wSec 26	Tax Lot #s 2100, 2204, 3600	
Date: 5/28/97		
Road/description: Southeast of Talent Ave. and Rapp Rd. intersection		
Total Size: 0.52 acres	Cowardin Classes: PEM	
Site Description: Part of large hay field which appears to be flood irrigated and drained with a sump. Boundary is obscured by cultivation and plowing, but is visible on aerial photograph.		
Soils: Coleman Loam, 0 to 7% slopes (Hydric)		
Dominant Vegetation:		
Trees Populus balsamifera	Saplings/Shrubs	Herbs/Emergents Vicia sp. Rumex crispus Taraxacum officianale Pasture grasses <i>-fall fescue</i>
Hydrology Source: Urban runoff and flood irrigation		
Comments: Cultivated, and possibly a farmed wetland. Will need a delineation prior to development. No NRCS determination on record. <i>possibly upland</i>		

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Function & condition summary sheet for the Oregon Method

Wetland Identification: **26NE#4**

UPLAND

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is intact <i>degraded</i>	<i>no ponding on slope</i>
Hydrologic control	The wetland's hydrologic control function is impacted or degraded.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has moderate enhancement potential.	
Education	The wetland has potential for educational use.	
Recreation	The wetland has the potential to provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be pleasing.	

mowed

Narrative description of overall wetland functions and conditions

Although part of a cultivated field and residences, there are definite wetland indicators, but plowing has disturbed soil and possibly eliminated signs of gleying or mottling. After flood irrigation, culvert drains field to Wagner Creek. This is possibly a farmed wetland, and will need a delineation before development. ~~This is a locally significant wetland because the water-quality function is intact.~~

Not significant

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Ashland, Oregon 97520

(541) 482-6814
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Talent Wetland Summary Sheet

Wetland Code: 26NE#1		Data Sheet # 24, 25	
Map #: T38sR1wSec 26	Tax Lot #s 600, 800, 900		Date: 5/30/97
Road/description: South of Hwy 99, immediately east of Wagner Creek.			
Total Size: 1.42 acres		Cowardin Classes: 60% PFO, 40% PSS	
Site Description: Extending east from Wagner Creek, the site has been heavily disturbed. Indications of flooding near Wagner Creek from the flood of 97. Boundary determined from <u>off-site</u> observation of vegetation and aerial photography.			
Soils: Gregory (Hydric)			
Dominant Vegetation:			
Trees Populus balsamifera Salix sp.		Saplings/Shrubs Salix sp.	Herbs/Emergents Rubus discolor Grasses
Hydrology Source: Groundwater and overbank flows from Wagner Creek			
Comments: Eastern portion has been residentially landscaped, and western portion has been filled to expedite a property sale. Although access was not permitted, heavily vegetated with mature wetland shrubs and trees. Much of site was developed over thirty years ago, and signs of repeated flooding is apparent. Needs delineation before further development. <i>possibly upland, esp. E end.</i>			

E end is narrow ditch w/ cottonwood.

Function & condition summary sheet for the Oregon Method

Wetland Identification: **26NE#1**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	The wetland's fish habitat function is impacted or degraded.	
Water quality	The wetland's water-quality function is intact.	
Hydrologic control	The wetland's hydrologic control function is intact.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has high enhancement potential.	
Education	The wetland has potential for educational use.	
Recreation	The wetland has the potential to provide recreational opportunities.	
Aesthetic quality	The wetland is not pleasing.	
Narrative description of overall wetland functions and conditions		
<p>Although access was not permitted, heavily vegetated with mature wetland shrubs and trees. Site was developed over thirty years ago, and signs of repeated flooding is ^{are} apparent. This is a locally significant wetland because the water quality control function and the hydrologic control function are intact.</p>		

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Talent Wetland Summary Sheet

Wetland Code: 26SE#1	Data Sheet # 26, 27, 28	
Map #: T38sR1wSec 26	Tax Lot #s 100	Date: 5/27/97
Road/description: Adjacent to Irrigation ditch off Helms Rd, above RR tracks.		
Total Size: 1.58 acres	Cowardin Classes: 80% POWx, 10% PEM, 10% PSS	
Site Description: Excavated irrigation storage pond over 8' deep with steep sides and a fringe of cattails. Willow and blackberry scrub/shrub dominates overflow. Boundary based on abrupt change in slope and vegetation.		
Soils: Coleman Loam, 0 to 7% slopes (Hydric)		
Dominant Vegetation:		
Trees Salix sp.	Saplings/Shrubs Salix sp.	Herbs/Emergents Rubus discolor Typha latifolia
Hydrology Source: Groundwater and irrigation impoundment.		
Comments: Excavated for gravel and irrigation storage in a wet area of the site. The pond is periodically dredged and emergent vegetation removed.		

jurisdictional
Aq use may be maintained

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Function & condition summary sheet for the Oregon Method

Wetland Identification: **26SE#1**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	The wetland's fish habitat function is impacted or degraded.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is intact.	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has high enhancement potential.	
Education	The wetland site is not appropriate for educational use.	
Recreation	The wetland is not appropriate for or does not provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be pleasing.	
Narrative description of overall wetland functions and conditions		
Irrigation pond developed on a wet part of irrigated land. Water supplied from surface flow, irrigation ditch and groundwater. This is a locally significant wetland because the hydrologic control function is intact.		

OK

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Talent Wetland Summary Sheet

not shown

Wetland Code: 36NE#1	Data Sheet # 29, 30	
Map #: T38sR1wSec 26	Tax Lot #s 1302	Date: 6/2/97
Road/description: South of RR tracks and Alpine Street. Below city water tank.		
Total Size: 0.42 acres	Cowardin Classes: 60% PABx, 40% PEM	
Site Description: Excavated irrigation storage pond which appears un-maintained and partially filled. Fringed with cattails and blackberries. Boundary based on abrupt change in slope and vegetation.		
Soils: Manita-Vannoy Complex, 20 to 40% slopes, wet and marsh spots (Hydric)		
Dominant Vegetation:		
Trees	Saplings/Shrubs Salix sp.	Herbs/Emergents Typha latifolia Rubus discolor Carex sp.
Hydrology Source: Groundwater and irrigation impoundment. <i>owner says natural spring</i>		
Comments: Irrigation water storage pond that is not connected with other drainage features. <i>maybe juris, check soil map</i>		

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Function & condition summary sheet for the Oregon Method

Wetland Identification: **36NE#1**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is impacted or degraded.	
Hydrologic control	The wetland's hydrologic control function is intact . <i>mod. watershed upstream is undeveloped</i>	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has moderate enhancement potential.	
Education	The wetland site is not appropriate for educational use.	
Recreation	The wetland has the potential to provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be moderately pleasing.	
Narrative description of overall wetland functions and conditions		
<p>Possibly irrigation water storage pond. Un-maintained and partially filled, this pond still has hydrology and mature habitat. This is a locally significant wetland because the hydrologic control function is intact. <i>NOT</i></p>		

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Talent Wetland Summary Sheet

Wetland Code: 23SE#3		Data Sheet # 31	
Map #: T38sR1wSec 23		Tax Lot #s	Date: 9/29/97
Road/description: West of Mountain View, and adjacent to Wagner Creek			
Total Size: 0.08 acres		Cowardin Classes: PEM	
Site Description: Constructed wetland for mitigation easement. Shallow pond in center of detention basin. Detached from Wagner Creek by a grassed slope and retention berm. Boundary based on vegetation.			
Soils: Medford Silty Clay Loam, 0 to % slopes, wet and marsh spots (Hydric)			
Dominant Vegetation:			
Trees	Saplings/Shrubs Salix sp.	Herbs/Emergents Scirpus acutus Typha latifolia	
Hydrology Source: Irrigation.			
Comments: Wetland is very young and small, but has potential to expand as it matures. Good potential to be made larger and habitat diversity increased.			
<i>Mitigation site next to Walmart</i>			

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Function & condition summary sheet for the Oregon Method

Wetland Identification: **23SE#3**

Function	Assessment Descriptor	Rationale
Wildlife habitat	The wetland provides habitat for some wildlife species.	
Fish habitat	Was not assessed.	
Water quality	The wetland's water-quality function is intact. <i>weak</i>	
Hydrologic control	The wetland's hydrologic control function is intact. <i>managed - from Wagner Cr.</i>	
Sensitivity to future impacts	The wetland is sensitive to future impacts.	
Enhancement potential	The wetland has moderate enhancement potential.	
Education	The wetland has educational uses.	
Recreation	The wetland has the potential to provide recreational opportunities.	
Aesthetic quality	The wetland is considered to be moderately pleasing.	

Narrative description of overall wetland functions and conditions

Recently constructed wetland for mitigation easement. Small, shallow pond planted with a good variety of emergent plants and willows. Adjacent to Wagner Creek, and vegetation should extend into riparian area. Pond could be expanded and area re-contoured enhance biodiversity. This is a locally significant wetland because its water-quality function and hydrologic control function are intact.

Appendix D
Glossary of latin and common plant names

Glossary of latin and common plant names used in the data and summary sheets.

Latin Name	Common Name
Acer macrophyllum	Big-leaf Maple
Agrostis stolonifera	Spreading Bentgrass
Alnus rhombifolia	White Alder
Carex	Sedge
Conium maculatum	Poison Hemlock
Dipsacus sylvestris	Teasel
Equisetum arvense	Field Horsetail
Festuca arundinacea	Kentucky Fescue
Fraxinus latifolia	White Ash
Juncus effusus	Soft Rush
Lemna	Duckweed
Lotus corniculatus	Birds-foot Trefoil
Populus balsamifera	Balsam Poplar
Populus angustifolia	Narrow-leaf Cotton-wood
Populus tremula	Quaking Aspen
Rubus discolor	Himalayan Blackberry
Rumex crispus	Curly Dock
Salix	Willow
Scirpus microcarpus	Hardstem Bulrush
Taraxacum officinale	Common Dandelion
Typha latifolia	Cattail
Vicia	Vetch

Appendix F
Wetland Characterization Answer Sheet

Wetland Characterization Answer Sheet

Wetland Characterization		23NE#1	23SE#1	25NW#1	25NE#1	25NE#2	25SW#1	23SE#2	25SW#2	25SE#1
Lakes										
	33			a				a		
	34			b				c		
	35			c				c		
Wetland Hydrology										
	36	c	a	c	a	a	a	c	c	a
	37	a	a	a	a	a	a	a	b	b
	38	c	a	a	a	a	a	a	a	b
	39				b	b	c			c
	40	a	a	a	a	a	a	a	a	a
Public access										
	41	a	a	a	a	a	c	b	b	a
	42	a	b	b	b	b	b	b	a	a
	43	a	a	a	a	a	a	a	b	a
	44	a	a	a	b	b	a	a		a
	45	a	b	b	a	a	b	a	a	a
	46	b	c	a	c	c	c	b	c	b
Recreation										
	47	c	c	b	c	c	c	c	c	c
	48	c	c	b	c	c	c	b	c	c
	49	b	b	a	b	b	c	c	c	c
	50	b	b	b	b	b	b	b	b	b
Aesthetics										
	51	b		c	c	c	b	u	u	c
	52	R	b	R	r	r	r	b	c	r
	53	b	b	b	b	b	b	a	b	a
	54							a		a
	55	a	a	a	a	a	a	a	a	a
	56	c	a	a	c	c	a	c	b	b
	57	a	b	a	a	a	a	a	c	a
	58	b	b	a	c	c	c	c	c	a

Wetland Characterization Answer Sheet

	25SE#2	25NW#2	26NE#2	26NE#3	26NE#4	26NE#1	26SE#1	36NE#1	23SE#3
Watershed setting									
Drainage basin 1	Rogue	Rogue	Rogue	Rogue	Rogue	Rogue	Rogue	Rogue	Rogue
Topography 2	70 mi ²	70 mi ²	70 mi ²	70 mi ²	70 mi ²	70 mi ²	70 mi ²	70 mi ²	70 mi ²
3	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247
Hydrologic Profile 4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	a	a	a	a	a	a	a	a	a
Land Uses 6	a	a	a	a	a	a	a	a	a
Water quality 7	a	a	a	a	a	a	a	a	a
8	c	c	c	c	c	c	c	c	c
Biological Characteristics									
9	All	All	All	All	All	All	All	All	All
10	a	a	a	a	a	a	a	a	a
11	a,b,c	a,b,c	a,b,c	a,b,c	a,b,c	a,b,c	a,b,c	a,b,c	a,b,c
12	a	a	a	a	a	a	a	a	a
13	b	b	b	b	b	b	b	b	b
14	a	a	a	a	a	a	a	a	a
Individual Sites									
Wetland structure 15									
1) 16	c	b	b	a		a	b		a
2) 17		b		b	b	b	c	b	a
3) 18									
4) 19	a	b	c	b	c	b	a	b	c
5) 20									
16	c	c	a	a	a	a	a	a	a
17	b	a	b	b	b	b	b	c	c
18	b	b	a	a	a	a	b	b	a
19	b	a	b	a	b	a	b	b	b
20									
1) 21	b	b	a			a	a		a
2) 22	a	b					b	b	a
3) 23									a
4) 24	c	b	c	c	c	c	b	c	c
5) 25									
Wetland Habitat									
21									
1) 26	c	b		b			b	b	
2) 27	d	c	c	c	a		d	c	a
3) 28	c	c	c	c		c	d	c	
4) 29	c	d	c	c	d	b	d	d	
22	r	r	a	a	b	a	a	r	b
23	a	b	a	a	c	a	b	b	b
24	b	b	a	b	c	b	c	a	c
25	a	b	u	u	u	u	a	a	u
26	r	r	a	a	c	b	r	r	a
27	b	b	a	a	a	a	b	b	b
28	c	a	d	b	d	d	b	c	d
Fisheries Habitat									
29	a	b	a	a	c	a	a	c	a
Streams									
30	b			c		b			
31	a			c		c			
32	b			b		c			

Wetland Characterization Answer Sheet

Wetland Characterization		25SE#2	25NW#2	26NE#2	26NE#3	26NE#4	26NE#1	26SE#1	36NE#1	23SE#3
Lakes										
33	a	a			b			a		
34	a	b			b			c		
35	b	c			c			c		
Wetland Hydrology										
36	a	c	a	a	a	a	a	a	b	a
37	a	a	a	a	a	a	a	a	a	a
38	a	a	a			c	c	a	a	a
39	a		c	a	a		b	a		b
40	b	a	a	a	a	a	a	a	a	a
Public access										
41	b	a	a	c	a	a	a	c	c	a
42	b	a	a	c	b	b	b	a	a	a
43	a	a	a	a	a	a	a	a	a	a
44	a	a	a	c	a	b	a	c	b	a
45	a	a	a	a	b	a	a	b	b	a
46	b	a	b	b	a	b	b	c	b	a
Recreation										
47	c	b	c	c	c	c	c	c	c	c
48	b	a	b	c	c	c	c	c	c	c
49	b	a	b	b	c	b	b	b	c	b
50	b	b	b	b	b	b	b	b	b	b
Aesthetics										
51	a	b	u	u	u	u	u	a	b	u
52	r	r	b	b	b	b	b	r	r	b
53	b	b	b	b	b	b	a	b	b	b
54							b			
55	a	a	a	a	a	a	b	b	c	a
56	c	c	a	a	b	c	c	a	a	c
57	a	b	a	a	a	c	c	b	b	a
58	a	a	a	a	b	c	c	a	a	c

Appendix G
Wetland Assessment Answer Sheet

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	23NE#1	23SE#1	25NW#1	25NE#1
Wildlife habitat				
Question 1	c	c	b	c
Question 2	a	b	b	c
Question 3	c	c	b / c weak	c
Question 4	c	b	a	c
Question 5	b	b	a / b check	a
Question 6	b	b	a / b "	a
Question 7	c	c	c	c
Question 8	a	c	a	b
Question 9	a	c	a	a
Assessment descriptor	b	b	a weak	b
Fish habitat				
<i>Streams and rivers</i>				
Question 1	0	0	0	0
Question 2	0	0	0	0
Question 3	0	0	0	0
Question 4	c	c	c	c
Question 5	a	c	a	b
Question 6	c	c	a	c
<i>Lakes and ponds</i>				
Question 1	0	0	a	0
Question 2	0	0	c	0
Question 3	0	0	b	0
Question 4	c	c	c	c
Question 5	a	c	a	b
Question 6	c	c	a	c
Assessment descriptor	--	--	a	--
Water quality				
Question 1	c	a	c	a
Question 2	b	a	a	b
Question 3	a	a	c	a
Question 4	b	b	a	b
Question 5	c	a	c	b
Question 6	a	a	a	a
Assessment descriptor	b	a	b	b

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	23NE#1	23SE#1	25NW#1	25NE#1
Hydrologic control				
Question 1	a	b	a	b
Question 2	b	a	a	b
Question 3	b	b	a	b
Question 4	c	a	a	a
Question 5	a	b	b	c
Question 6	c	a	c	c
Question 7	a	a	a	a
Assessment descriptor	b	a	a	b
Sensitivity to future impacts				
Question 1	a	a	a	a
Question 2	a	a	a	a
Question 3	a	a	a	a
Question 4	c	a	c	b
Question 5	a	a	a	b
Question 6	a	b	b	c
Assessment descriptor	a	a	a	b
Enhancement potential				
Question 1	a	a	a	a
Question 2	b	b	b	a
Question 3	0	0	0	b
Question 4	b	b	a	b
Question 5	a	c	a	a
Question 6	c	c	c	b
Assessment descriptor	a	b	a	a
Education				
Question 1	a	a	a	a
Question 2	a	b	b	b
Question 3	b	b	a	b
Question 4	a	a	a	b
Question 5	b	c	a	c
Question 6	a	b	b	a
Assessment descriptor	a	b	b	b

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	23NE#1	23SE#1	25NW#1	25NE#1
Recreation				
Question 1	b	c	a	c
Question 2	c	c	b	c
Question 3	c	c	b	c
Question 4	b	b	a	b
Question 5	b	b	a	b
Question 6	b	b	b	b
Assessment descriptor	b	c	a	c
Aesthetic quality				
Question 1	b	b	a	c
Question 2	a	b	a	a
Question 3	a	a	a	a
Question 4	b	b	c	c
Question 5	a	a	a	a
Question 6	c	a	a	c
Assessment descriptor	b	b	b	c

Wetland Assessment Questions: Answer Sheet

Wetland identifier	25NE#2	25SW#1	23SE#2	23SE#3
Wildlife habitat				
Question 1	c	c	c	c
Question 2	c	b	new	b
Question 3	c	c	c	c
Question 4	c	c	b	c
Question 5	a	a	b	a
Question 6	a	b	b	b
Question 7	c	c	c	c
Question 8	b	b	a	c
Question 9	a	a	c	a
Assessment descriptor	b	b	b	b
Fish habitat				
<i>Streams and rivers</i>				
Question 1	0	0	0	0
Question 2	0	0	0	0
Question 3	0	0	0	0
Question 4	c	c	c	c
Question 5	b	b	a	c
Question 6	c	c	c	a
<i>Lakes and ponds</i>				
Question 1	0	0	c	0
Question 2	0	0	c	0
Question 3	0	0	c	0
Question 4	c	c	c	c
Question 5	b	b	a	c
Question 6	c	c	c	a
Assessment descriptor	--	--	b	
Water quality				
Question 1	a	a	c	a
Question 2	b	a / c / b	a	a
Question 3	a	a / c	c	a
Question 4	b	b	b	b
Question 5	b	b	c	a
Question 6	a	a	a	a / c
Assessment descriptor	b	a	b	a ✓

weak

wagner

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	25NE#2	25SW#1	23SE#2	23SE#3
Hydrologic control				
Question 1	b	b	a	b
Question 2	b	b ✓	a	a ✓
Question 3	b	b	b	c
Question 4	a	a / c	a	a ✓
Question 5	c	c	new	b
Question 6	c	a	c	a
Question 7	a	a b	a	a
Assessment descriptor	b	a b	a	a ✓
Sensitivity to future impacts				
Question 1	a	a	a	a
Question 2	a	a	a	a
Question 3	a	a	a	a
Question 4	b	a	c	a
Question 5	b	a	a	a
Question 6	c	c	new	c
Assessment descriptor	b	a	a	a
Enhancement potential				
Question 1	a	a	a	a
Question 2	a	a	b	a
Question 3	b	c	0	b
Question 4	b	b	b	c
Question 5	a	a	c	a
Question 6	b	c	c	c
Assessment descriptor	a	b	b	b
Education				
Question 1	a	c	b	a
Question 2	b	b	b	a
Question 3	b	b	b	b
Question 4	b	a	a	a
Question 5	c	c	b	a
Question 6	a	b	a	a
Assessment descriptor	b	c	b	a

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	25NE#2	25SW#1	23SE#2	23SE#3
Recreation				
Question 1	c	c	b	a
Question 2	c	c	c	c
Question 3	c	c	b	c
Question 4	b	b	b	b
Question 5	b	b	b	b
Question 6	b	b	b	b
Assessment descriptor	c	c	b	b
Aesthetic quality				
Question 1	c	c	c	c
Question 2	a	a	a	a
Question 3	a	a	a	a
Question 4	c	b	b	b
Question 5	a	a	a	a
Question 6	c	a	b	b
Assessment descriptor	c	b	b	b

Wetland Assessment Questions: Answer Sheet

Wetland identifier	25SW#2	25SE#1	25SE#2	25NW#2
Wildlife habitat				
Question 1	c	c	a	a
Question 2	c	c	a	b
Question 3	c	c	b	b
Question 4	c	c	b	a
Question 5	b	b	b	b
Question 6	b	b	b	b
Question 7	c	c	c	c
Question 8	b	c	a	a
Question 9	c	a	a	b
Assessment descriptor	b	b	a	a
Fish habitat				
<i>Streams and rivers</i>				
Question 1	0	0	a	0
Question 2	0	0	b	0
Question 3	0	0	b	0
Question 4	c	c	c	c
Question 5	b	c	a	a
Question 6	c	c	a	b
<i>Lakes and ponds</i>				
Question 1	0	0	a	a
Question 2	0	0	b	c
Question 3	0	0	a	b
Question 4	c	c	c	c
Question 5	b	c	a	a
Question 6	c	c	a	b
Assessment descriptor	--	--	a	a
Water quality				
Question 1	c	a/b	a	c
Question 2	b	b	a	a
Question 3	a	a	c	c
Question 4	b	b	b	a
Question 5	b	a	c	c
Question 6	a	a	a	a
Assessment descriptor	b	b ✓	b	b

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	25SW#2	25SE#1	25SE#2	25NW#2
Hydrologic control				
Question 1	b	b	b	a
Question 2	b	b	a	a
Question 3	b	b	b	a
Question 4	a	b	a	a
Question 5	c	c	a	b
Question 6	b	a	c	c
Question 7	a	a	a	a
Assessment descriptor	b	b	a	a
Sensitivity to future impacts				
Question 1	a	a	a	a
Question 2	a	a	a	a
Question 3	a	a	a	a
Question 4	b	a	c	c
Question 5	a	a	a	a
Question 6	c	c	a	c
Assessment descriptor	a	a	a	a
Enhancement potential				
Question 1	a	a	a	a
Question 2	b	a	a	b
Question 3	0	c	a	0
Question 4	b	b	b	a
Question 5	c	a	a	b
Question 6	c	c	c	c
Assessment descriptor	b	b	a	b
Education				
Question 1	b	a	b	a
Question 2	a	a	b	a
Question 3	b	b	a	a
Question 4	0	a	a	a
Question 5	c	b	b	a
Question 6	a	a	a	a
Assessment descriptor	b	a	b	a

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	25SW#2	25SE#1	25SE#2	25NW#2
Recreation				
Question 1	c	b	b	a
Question 2	c	c	c	b
Question 3	c	c	b	a
Question 4	b	b	a	a
Question 5	b	b	b	a
Question 6	b	b	b	b
Assessment descriptor	c	b	b	a
Aesthetic quality				
Question 1	c	a	a	a
Question 2	c	a	a	b
Question 3	a	b	a	a
Question 4	c	c	a	b
Question 5	a	a	a	a
Question 6	a	b	c	c
Assessment descriptor	c	b	b	b

Wetland Assessment Questions: Answer Sheet

Wetland identifier	36NE#1	26SE#1	26NE#2	26NE#3
Wildlife habitat				
Question 1	b	a	b	a
Question 2	b	b	a	a
Question 3	a	c	a	b
Question 4	b	b	c	a
Question 5	b	b	a	a
Question 6	b	b	a	a
Question 7	c	c	c	c
Question 8	b	b	c	c
Question 9	a	a	a	a
Assessment descriptor	b	b	b	b
Fish habitat				
<i>Streams and rivers</i>				
Question 1	0	0	0	c
Question 2	0	0	0	c
Question 3	0	0	0	b
Question 4	c	c	c	c
Question 5	b	b	c	c
Question 6	c	a	a	a
<i>Lakes and ponds</i>				
Question 1	0	a	0	b
Question 2	0	c	0	c
Question 3	0	c	0	b
Question 4	c	c	c	c
Question 5	b	b	c	c
Question 6	c	a	a	a
Assessment descriptor	--	b	--	b
Water quality				
Question 1	b	a	a	a
Question 2	a	a	a	a
Question 3	c	c	b	b
Question 4	b	b	b	b
Question 5	b	b	a	a
Question 6	a	a	a	a
Assessment descriptor	b	b	b	b

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	36NE#1	26SE#1	26NE#2	26NE#3
Hydrologic control				
Question 1	b	b	b	a
Question 2	a	a	a	a
Question 3	c	b	b	b
Question 4	a	a	a	0
Question 5	b	b	a	a
Question 6	a	a	a	a
Question 7	a b	a	a	a
Assessment descriptor	a	a	a ✓	a
	<i>mod.</i>			
Sensitivity to future impacts				
Question 1	a	a	a	a
Question 2	a	a	a	a
Question 3	a	a	a	a
Question 4	b	b	a	a
Question 5	a	a	a	a
Question 6	b	b	a	a
Assessment descriptor	a	a	a	a
Enhancement potential				
Question 1	a	a	a	a
Question 2	c	a	a	a
Question 3	0	a	c	a
Question 4	b	b	b	b
Question 5	a	a	a	a
Question 6	c	c	c	c
Assessment descriptor	b	a	b	a
Education				
Question 1	c	c	a	c
Question 2	a	a	a	c
Question 3	a	b	b	b
Question 4	b	c	a	c
Question 5	b	c	b	b
Question 6	b	b	a	a
Assessment descriptor	c	c	a	c

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	36NE#1	26SE#1	26NE#2	26NE#3
Recreation				
Question 1	b	c	b	b
Question 2	c	c	c	c
Question 3	c	c	b	c
Question 4	b	b	b	b
Question 5	b	b	b	b
Question 6	b	b	b	b
Assessment descriptor	b	c	b	b
Aesthetic quality				
Question 1	a	a	a	a
Question 2	b	b	a	a
Question 3	a	a	a	a
Question 4	b	a	b	b
Question 5	c	b	a	a
Question 6	a	a	a	a
Assessment descriptor	b	a	a	a

Wetland Assessment Questions: Answer Sheet

Wetland identifier	26NE#4	26NE#1		
Wildlife habitat				
Question 1	c	b		
Question 2	c	a		
Question 3	c	b		
Question 4	c	c		
Question 5	a	a		
Question 6	a	a		
Question 7	c	c		
Question 8	c	b		
Question 9	c	b		
Assessment descriptor	b	b		
Fish habitat				
<i>Streams and rivers</i>				
Question 1	0	c		
Question 2	0	b		
Question 3	0	c		
Question 4	c	c		
Question 5	c	b		
Question 6	c	a		
<i>Lakes and ponds</i>				
Question 1	0	0		
Question 2	0	0		
Question 3	0	0		
Question 4	c	c		
Question 5	c	b		
Question 6	c	a		
Assessment descriptor	--	b		
Water quality				
Question 1 <i>not on stream</i>	a b	a		
Question 2 <i>no ponding on slope</i>	a c	a		
Question 3 <i>veg cover</i>	a b	a		
Question 4 <i>0.5 ac</i>	b	b		
Question 5	a	b		
Question 6	a c	a		
Assessment descriptor	a	a		

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	26NE#4	26NE#1		
Hydrologic control				
Question 1	b	a		
Question 2	a	a		
Question 3	b	b		
Question 4	c	c		
Question 5	c	a		
Question 6	a	a		
Question 7	a	a		
Assessment descriptor	b	a	✓	
Sensitivity to future impacts				
Question 1	a	a		
Question 2	a	a		
Question 3	a	a		
Question 4	a	a		
Question 5	a	a		
Question 6	c	a		
Assessment descriptor	a	a		
Enhancement potential				
Question 1	a	a		
Question 2	a	a		
Question 3	a	b		
Question 4	b	b		
Question 5	c	b		
Question 6	c	c		
Assessment descriptor	b	a		
Education				
Question 1	a	a		
Question 2	b	b		
Question 3	b	b		
Question 4	a	b		
Question 5	a	b		
Question 6	b	a		
Assessment descriptor	b	b		

Wetland Assessment Questions: Answer Sheet				
Wetland identifier	26NE#4	26NE#1		
Recreation				
Question 1	a	b		
Question 2	c	c		
Question 3	c	c		
Question 4	b	b		
Question 5	b	b		
Question 6	b	b		
Assessment descriptor	b	b		
Aesthetic quality				
Question 1	b	c		
Question 2	a	c		
Question 3	a	c		
Question 4	b	b		
Question 5	a	b		
Question 6	a	b		
Assessment descriptor	a	c		

Appendix H
Function & Condition Summary Sheets

inter-leafed with Summary sheets

ARTICLE 12. NATURAL AREAS, PARKS AND FLOODPLAINS

This Article sets minimum standards applicable to new development in or adjacent to areas designated as floodplains, greenways, wetlands, and riparian areas. Section 1 considers the Floodway/Parks/Greenway Overlay zone, as established in the Talent Comprehensive Plan adopted in 1981. Section 2 considers Locally Significant Wetlands and Riparian Areas, as established on the local wetland/riparian inventory map and supporting documentation developed by Atlas Environmental in 1997-98, and as adopted herein by reference or as later amended subject to the approval of both the City and the Oregon Division of State Lands. Section 3 establishes policies and procedures allowing some compensation to property owners for constraints on development created by the implementation of these conservation standards.

Section 1. FLOOD PLAIN - PARKS - GREENWAY (FPG) OVERLAY ZONE.

A. DESCRIPTION AND PURPOSE.

1) **Parks and Greenways.** An adequate amount of park land is necessary to meet recreational and open space needs and to promote the general welfare. Park lands include greenways along Bear and Wagner Creeks and other parks designated and described in the City comprehensive plan. It is the intent of this Article to support the continued improvement and maintenance of the Bear Creek Greenway, to continue to develop the Wagner Creek Greenway, and to eventually connect the two for an integrated greenway system. Greenway development shall combine pedestrian access with natural features in a way that protects natural areas and wildlife habitat in and around the greenway. Development adjacent to parks shall be designed and constructed in a manner that is compatible with parks, greenways, natural areas and wildlife habitat.

2) **Flood Plain.** The FPG overlay zone may be laid over any other zoning district established by this ordinance where the area is subject to inundation by flooding, as indicated on Federal Emergency Management Agency Flood Insurance Rate Map (FIRM) and floodway maps. That is, any area subject to a one percent chance of flooding in any given year, also referred to as the 100-year flood plain. Application of special development standards in floodplains is intended to minimize property loss, personal injury and health hazards.

3) **Aggregate Removal and Fill.** Goal Five of the state land use planning goals recognizes the importance of maintaining adequate supplies of aggregate materials for

development and maintenance of infrastructure. The Floodway/Parks/Greenway Overlay Zone allows aggregate removal and fill operations in the Bear Creek floodplain. Aggregate removal activities must be conducted, and mined areas must be reclaimed, in a manner that minimizes environmental impacts and protects public health, safety and welfare. Reclamation plans must be completed and approved prior to any removal of gravel. Reclamation plans shall be compatible with park and greenway plans.

B. PERMITTED USES. Wherever the City has established the Flood Plain, Parks and Greenway Overlay zone, as established by the comprehensive plan, the land uses permitted are the same uses that are permitted in the underlying zoning district. In addition, fill and aggregate removal operations are permitted within the flood plain of Bear Creek, subject to site development plan and reclamation plan review and a public hearing.

C. STANDARDS. All development, including construction, reconstruction, extension, conversion or alteration of any structure or land occurring in the FPG zone shall comply with the following standards:

1) Development Within the 100 Year Flood Plain.

A) Development within the 100 year flood plain shall conform to the standards of this ordinance and to those of Talent Ordinance Number 475 or any amendment thereto. At a minimum, development within the floodplain shall be consistent with development standards established for participation in the federal flood insurance program.

B) No new construction, including the placement of mobile homes, is allowed in any designated floodway or within the bed and banks of any stream, except for those uses, such as bridges, that are associated with greenway access or other public facilities. Any such use shall be subject to approval by the Oregon Department of Fish and Wildlife, Division of State Lands, and any other state or federal agency with a jurisdictional interest in the waters of the state.

2) Yard Setbacks Along Greenway Areas. The Greenway protected area is the thirty-five (35) foot wide strip of land extending the length of, and on both sides of, the designated floodway. Structural setbacks, as prescribed for the underlying zone, shall be measured from the outer edge of the 35 foot strip. Where a floodway line has not been mapped, the floodway shall be determined by a registered professional engineer at the property owner's expense prior to approval of development permits. Establishment of floodway boundary lines is further regulated by Talent Ordinance Number 475, or any amendment thereto. This setback provision is in addition to the Wetland/Riparian

Setbacks established below. Where there is a conflict between the two setbacks, the stricter standard shall apply.

3) Dedication of Park Land. To ensure Park and Greenway lands are provided to meet future recreation and open space needs, as anticipated by the comprehensive plan and as set forth in the FPG zone, the Planning Commission may require that land be dedicated to the public for parks or greenway purposes. Section 3 of this Article addresses ways that projects may be designed to compensate property owners for the impacts of dedication and setback requirements.

4) Site Development Plan Standards. Site development plan approval on any property where the provisions of this Article and Section apply shall meet all of the development standards included in Article 23 of this ordinance, and the following:

- a) All structures, introduced vegetation, and access for vehicles, pedestrians and bicycles shall be designed to support and protect the greenway area as a public place and as wildlife habitat.
- b) All structures, introduced vegetation, and access for vehicles, pedestrians and bicycles shall be designed to provide maximum safety from flooding hazards.
- c) Any development proposed within the designated flood plain shall be designed, and the work site shall be managed, to prevent soil erosion and the deposition of any material into stream channels. Stabilization of soils through planting of vegetation or other techniques shall be used to prevent erosion during and after construction. A registered professional engineer or registered professional geologist shall prepare an erosion control plan to be included with the site grading and drainage plan that is required of all new development. The plan shall include illustrations and/or descriptions of any mitigating measures to be taken to comply with this requirement.

E. STANDARDS FOR AGGREGATE REMOVAL OPERATIONS.

1) State Permits Required. All surface mining and aggregate removal operations are required to have permits from the State Department of Geology and Mineral Industries and/or the Department of State Lands.

2) Aggregate Site Development Standards. In addition to the required state permits and sufficient information to show compliance with the standards in Article 23 of this

ordinance and subsection (C)(4) above, approval of an aggregate removal development plan is subject to all of the following:

- a) Proposal demonstrates that engineering methods to be used will minimize noise, dust and adverse effects on water quality, and will protect the integrity of stream banks, stream flows, fish and wildlife habitats, and visual quality.
- b) Proposal includes a land reclamation plan showing an end result that will 1) be compatible with park and greenway plans, 2) prevent erosion or sedimentation into streams or onto adjacent properties, 3) prevent alteration of stream beds or established flood plains, and 4) that includes stabilization and revegetation of soils and stream banks.
- c) No alterations or effects will be made to the land of adjacent properties that are not included as subject properties in the application.

F. COMPLIANCE. Any required dedication, approvals, improvements, standards and/or setbacks must be complied with in a final, approved plan, or provisions made to ensure complete compliance, before any construction or other development permit may be issued.

G. PRECISE LOCATION OF PARKS AND GREENWAYS. Where parks shown on the FPG overlay map do not follow property lines, the site represents a general location. The precise location of the greenway line shall be established in the course of preparing an application for, and review of, a development project. Where a floodway line has not been mapped, the floodway shall be determined by a registered professional engineer at the property owner's expense prior to approval of development permits.

H. VARIANCES: Design modification and density compensation for the impacts of these regulations are described in Section 3 of this Article. If the Section 3 provisions are not sufficient to preserve a property right, a variance from the requirements of this Section may be granted subject to the variance procedure established in Article 25 of this ordinance.

Section 2: SAFE HARBOR PROTECTION OF WETLAND AND RIPARIAN AREAS

Safe harbor protection of resources is based upon minimum standards of protection established in Oregon Administrative Rules (OAR) 660-23 that implement Goal 5 of the state land use planning goals. The purpose of this Section is to protect Locally Significant Wetlands and Riparian Areas, as established on the local wetland/riparian inventory map and supporting documentation adopted herein by reference.

A. DESCRIPTION AND PURPOSE. Safe harbor protections are intended to provide a buffer between locally significant bodies of water and any type of development for the following purposes:

- 1) The City recognizes the visual benefits of preserving the streams and wetlands in the city.
- 2) The City recognizes the environmental benefits of preserving streams and wetlands, including preservation of wildlife habitat and fisheries habitat, improved water quality, and hydrologic control functions.
- 3) The City is required by state and federal law to improve the quality of surface waters discharged into streams. Healthy, functioning wetlands and riparian zones are critical parts of surface water quality control.
- 4) The City is mandated under Goal Five of the State Land Use Planning Goals to develop and adopt a program to protect and conserve locally significant bodies of water.

wetlands

B. MITIGATION AS AN ALTERNATIVE TO THE STANDARDS IN THIS SECTION:

Property owners who wish to develop land that includes wetlands and riparian areas must either comply with the minimum standards in this section, or develop a mitigation plan and implement it under the supervision of the Oregon Division of State Lands (DSL). Where a mitigation project is proposed in lieu of the standards in this article, the developer shall submit, with the site development plan application, written verification from DSL that they have reviewed the mitigation plan and that the division finds it to be sufficient to satisfy state requirements for wetland mitigation. The applicant shall complete the approved mitigation project or guarantee its completion by a bond issued by a bonding company authorized to do business in Oregon, a certified letter of credit or other guarantee acceptable to the City Administrator prior to issuance of construction permits by the city. Wetlands created or enlarged as mitigation projects shall be added to the wetland and riparian area inventory, and are subject to the regulations in this section.

no local program
↓
defaults
to state regs
only

C. DESIGNATION OF WETLAND AND RIPARIAN SETBACK AREAS. Wetland and riparian areas that are regulated by this ordinance are those Locally Significant Wetlands and Riparian Areas included on the Talent Wetlands Inventory Map adopted in 1998, and any subsequent amendments to that inventory map approved by the Division of State Lands. Note that the inventory map includes only areas approximately one half acre and larger. Wetlands less than one-half acre are also subject to state and federal law, and it is the responsibility of the property owner to comply with any applicable regulations.

Bad idea ✓

The boundaries of the wetland/riparian setback area shall be determined using standard setback distances as follows:

- 1) Along all streams the riparian/wetland setback shall be fifty (50) feet from the top of the bank.
- 2) For all Locally Significant Wetlands, as determined by the city using the methodology in Oregon Administrative Rules (OAR) 141-86-300 to 350, the riparian/wetland setback shall be fifty (50) feet from the upland edge of the wetland.
- 3) This setback provision is in addition to the Floodplain/Parks/Greenway Setback established above. Where there is a conflict between the two setbacks, the stricter standard shall apply.

D. REGULATIONS WITHIN SETBACK AREAS

- 1) Vegetation shall not be removed or disturbed in a wetland area except for the following:
 - a) Replacement of non-native vegetation with native plants.
 - b) Removal of vegetation necessary for approved development of water-related or water-dependent uses
 - c) Removal of a hazard tree. The hazard must be verified by a designee of the City Administrator.
 - d) Mowing of weeds at the end of the growing season to prevent a fire hazard. Clippings of native vegetation should be left in place to promote soil health and reseeded, or used as mulch in bare areas.
- 2) There shall be no permanent alteration to the setback area by grading, filling, impervious surfaces or structures, except for the following uses, which shall be designed to minimize intrusion into the riparian or wetland area. Any permanent alteration within a setback area is subject to planning approval.
 - a) Paths.
 - b) Drainage facilities, utilities and irrigation pumps.

- c) Water related and water dependent uses.
- d) Replacement or repair of existing structures that does not create any further encroachment into the setback area and that does not disturb any additional wetland or riparian area.

E. DETERMINATION OF STREAM BANK LOCATION: The stream bank is defined as either the top of the bank or the ordinary high water line, whichever is higher. Determination of the stream bank location shall be by the Talent City Planner or other designated city employee. In the case of a locally significant wetland, the bank shall be defined as the upland edge of the wetland.

F. CHANGING CONDITIONS OR MAP ERROR: Location of a stream bank or upland line may be modified in response to new information. The Division of State Lands may provide technical support including site visits for individual property owners. Commercial developers and developers of large projects such as subdivisions may provide studies prepared at their expense to challenge a bank, upland or setback determination. Any such study shall be based upon a methodology consistent with the requirements of OAR 660-23. A modification of the wetland inventory map may only be made upon written approval of the Division of State Lands. *— open to anyone*

G. VARIANCES: A variance from the requirements of this Section may be granted subject to the variance procedure established in Article 25 of this ordinance.

Section 3. COMPENSATION FOR AREA LOSSES DUE TO SETBACK REQUIREMENTS. To minimize adverse impacts on property owners from implementation of the conservation measures required by this Article, some flexibility in design and density standards may be allowed, as follows:

- a) Residential Development.
 - i) Where residential development is proposed and wetland, riparian, and/or floodway/parks/greenway setbacks area(s) are dedicated for public use, the Planning Commission may allow a developed density equal to the number of total dwelling units that would have been allowed on the whole tract without the conservation dedication, as long as structural setbacks, off street parking and other residential development standards can be met. *good*
 - ii) When increased densities cannot otherwise be accommodated on the land

remaining beyond the dedicated setback area, the Planning Commission may negotiate special standards for development through the Planned Unit Development planning procedure in Article 21 of this ordinance. Examples of design elements that may be negotiable include setbacks, recreation areas, and parking spaces. Any such consideration shall include preventing any condition that may be harmful to public health, safety and welfare.

- iii) Where implementation of the required setback area might otherwise prohibit reasonable use of land zoned for residential uses, the Planning Commission may allow the setback area, dedicated to public use or otherwise, to be applied to the area required for landscaping, recreation area and/or open space, as required in the underlying zoning district and Articles 17 and 19 of this ordinance.
- b) Commercial, Industrial, or Institutional Development.
 - i) Where application of the conservation setback might otherwise prohibit reasonable use of land zoned for commercial, industrial or institutional uses, the Planning Commission may allow a dedicated greenway area to be applied to the area required for landscaping and/or open space, as required in the underlying zoning district and Articles 17 and 19 of this ordinance.
 - ii) For a multi-unit development for commercial, industrial or institutional uses, when the conservation setback area is dedicated to public use, the Planning Commission may negotiate special standards for development through the Planned Unit Development planning procedure in Article 21 of this ordinance. Examples of design elements that may be negotiable include setbacks and parking areas. Any such consideration shall include prevention of any condition that might be harmful to public health, safety and welfare.

1st Draft

Proposed Ordinance for the City of Talent Establishing Setbacks from Locally Significant Bodies of Water

Whereas, the City of Talent (City) has recognized the visual and environmental benefits of preserving the streams and wetlands that run through it.

Whereas, the City has been mandated to participate in improving the water quality of these streams, and healthy functioning wetlands and riparian zones are critical for compliance;

Whereas, the City has been mandated under Goal 5 to develop and adopt a program to protect and conserve locally significant bodies of water;

NOW, THEREFORE, THE CITY OF TALENT ORDAINS AS FOLLOWS:

Section 1, Purpose: To provide a buffer between locally significant bodies of water and any type of development in order to preserve the areas wildlife habitat, fisheries habitat, water quality, and hydrologic control function.

Section 2, Scope: In order to satisfy the requirements of Goal 5 under OAR 660-23-030, the boundaries of the riparian/wetland setback area will be determined using a standard setback distance as follows:

- Along all streams with average annual stream flow greater than 1,000 cubic feet per second (cfs), the riparian/wetland setback boundary shall be 75 feet upland from the top of the bank.
- Along all lakes, and fish bearing streams with average annual stream flow less than 1,000 cfs, the riparian/wetland setback boundary shall be 50 feet from the top of the bank.
- Along all Locally Significant Wetlands (LSWs) as determined using the criteria described in Draft administrative rule OAR 141-86-~~eee~~, the riparian/wetland setback boundary shall be 50 feet from the upland edge of the wetland.

Section 3, Restrictions within Setback Area:

A. Vegetation shall not be removed or disturbed within a setback area except for:

1. Removal of non-native vegetation and replacement with native plants;
2. Removal of vegetation necessary for the development of water-related or water-dependent uses.

B. There shall be no permanent alteration of the setback area by grading, filling or the placement of structures or impervious surfaces, except for the following uses provided they are designed to minimize intrusion into the riparian area:

1. Roads, and paths;
2. Drainage facilities, utilities, and irrigation pumps;
3. Water-related and water-dependent uses;
4. Replacement of existing structures in the same location that do not disturb additional riparian/wetland area.

Section 4, Determination of Stream Bank Location: The responsibility of determining the location of the stream bank of any stream shall be made by the City of Talent Planning Department. The stream bank shall be defined as the top of the bank or the average high water line, whichever is higher. In the case of a LSW, the stream bank shall be defined as the upland edge of the wetland.

Section 5, Changing conditions or map error: If the location of a stream^{or} ~~of~~ LSW is in question, additional information can be gathered and submitted to the Talent Planning Department for determination.

Section 6, Variances: Provisions in Sections 3 of this ordinance can be modified to take into consideration hardship caused to any existing lot or parcel demonstrated to have been rendered not buildable by application of this ordinance. Variances in this ordinance shall require the majority approval of the Talent Planning Commission.