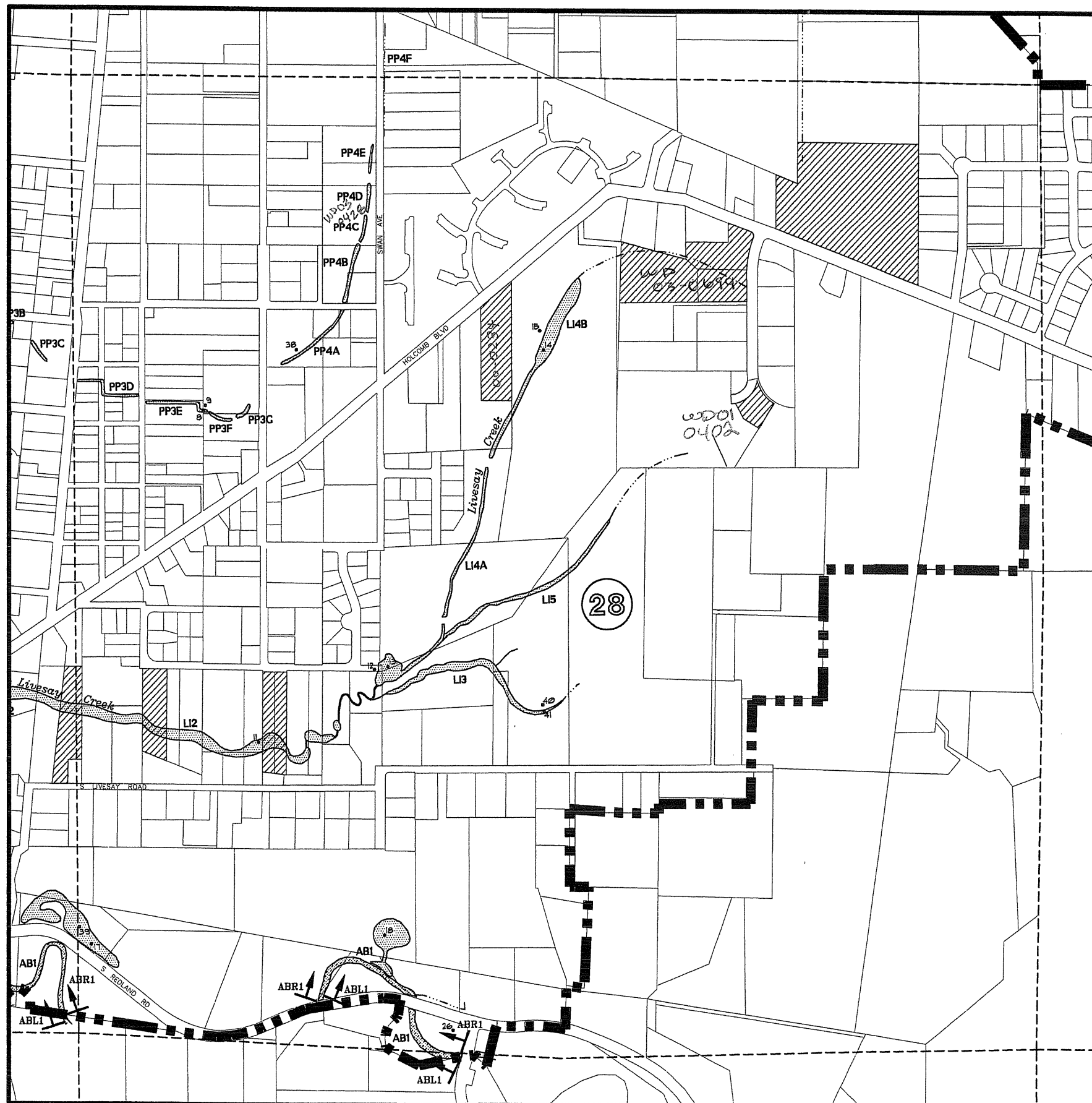


APPROVED WETLANDS INVENTORY  
 Oregon Division of State Lands  
 Meets L333 standards  
 Date 7/97 Approved by J. Morlan

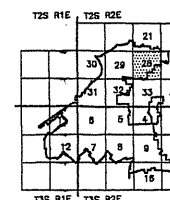


T 2S R 2E Section 28

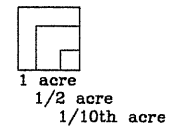
# CITY OF OREGON CITY LOCAL WETLAND INVENTORY

## LEGEND

- Urban Growth Boundary
- Wetland
- AC2 Wetland label
- FCR1 Riparian label
- .46 Sample site
- DSL DET wetland
- DSL DET 97-0569 DSL label
- Mitigation wetland
- Site access not granted
- Stream



Wetland acreage



JUNE  
1999

## WETLAND INFORMATION IS SUBJECT TO CHANGE

This map is for planning purposes only. Mapped wetland and riparian boundaries were not flagged or surveyed (unless noted as a delineation study). Boundaries for on-site verified wetlands are accurate to within 25'. There may be exceptions or unmapped wetlands subject to regulation. In all cases, actual field conditions determine wetland boundaries. If site alteration work is proposed, you are advised to contact the Oregon Division of State Lands or the U.S. Army Corps of Engineers with regulatory questions. This study was funded by an Oregon Department of Land Conservation and Development periodic review planning grant.

*City of Oregon City*

320 Warner Milne Road  
 Oregon City, Oregon 97045



**Oregon City  
Local Wetland Significance Assessment**

**WetlandCode: PP-3**

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**A. "OUT" Test**

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**No** Wetlands artificially CREATED ENTIRELY FROM UPLAND that are:

- (a) created for the purpose of controlling, storing, or maintaining stormwater;
- (b) active surface mining ponds;
- (c) ditches without free and open connection to waters of the state AND without fish;
- (d) <1 acre and unintentionally created from irrigation leak or construction activity;
- (e) of any size and created for the purpose of wastewater treatment, stock watering, settling of sediment, cooling industrial water, or as a golf course hazard.

**No** Documented as being contaminated by hazardous substances, materials or wastes ("Hazmat sites").

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**This wetland does NOT meet the criteria for identification as a Local Significant Wetland**

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**B. "IN"**

**No** Wetlands that score the highest rank for ANY of the four ecological functions addressed by OFWAM or equivalent methodology:

- No** wildlife habitat,
- No** fish habitat,
- No** water quality,
- No** hydrologic control.

**No** Wetlands that (1) are rated in either the highest or second highest category for water quality (in OFWAM or equivalent) AND that (2) border a water quality-limited stream as listed by DEQ. Dedicated stormwater detention swales not included.

**No** Contains one or more uncommon wetland plant communities including those listed in the Oregon Natural Heritage Program's CLASSIFICATION AND CATALOG OF NATIVE WETLAND PLANT COMMUNITIES IN OREGON as G1-G3 and S1-S3.

**No** Inhabited by any species listed by the federal or state government as a sensitive, threatened or endangered species in Oregon (unless consultation with appropriate agency deems the site not important for the maintenance of the species).

**No** Wetland is a dedicated or proposed Registered State Natural Area or Area of Critical Environmental Concern, State Natural Heritage Conservation Area, Federal Research Natural Area, or Land Trust.

**No** Wetland is specifically protected as a wetland resource in a recognized federal, state or local management plan, e.g., for a park, refuge, or scenic river.

**No** Wetland rates in either the highest or second highest category for Fish Habitat in OFWAM and is located adjacent to a stream segment that is mapped by ODFW as habitat for "Indigenous anadromous salmonids."

**No** OPTIONAL CRITERION (at discretion of local government): Wetland represents a LOCALLY unique plant community.

**No** OPTIONAL CRITERION (at discretion of local government): Wetland rates highest rank for education potential and there is documented use for educational purposes by a school or organization.

# OREGON CITY LOCAL WETLANDS INVENTORY

## - Wetland Summary Sheet -

Date(s) of Field Verification: 2/12/97, 6/25/97

Wetland Mapping Code: PP-3

Investigator(s): JF/CM, DC/JF

Size (acres): 0.8

### Location

Legal: T2S R2E S28,29

Other: Between Apperson Blvd. and Hunter Ave.

Basin: Park Place

### Soils

Mapped Series: 3, 37C, 91B

### Hydrology

Hydrologic Source: Sheet flow

Wetland Classification(s): PEM

### Dominant Vegetation

#### Trees

#### Shrubs

#### Vines

#### Herbs

*Solanum dulcamara*

*Holcus lanatus*

*Rumex crispus*

*Veronica americana*

*Epilobium watsonii*

*Dipsacus sylvestris*

*Phalaris arundinacea*

*Equisetum arvense*

*Sonchus arvensis*

### Comments:

This drainage ditch is a continuation of a drainage ditch located further upslope. It is very channelized and even piped beneath several residential properties. The vegetation directly along the sides of the ditch varies from ornamental to native species. It appears that many homeowners either mow the ditch or spray it with herbicide. Some portions are professionally landscaped. The majority of this ditch was viewed from roadways because access was denied by homeowners.

#### Wetland Classification Codes:

PFO = palustrine forested

PSS = palustrine scrub-shrub

RSB = riverine streambed (intermittent)

PEM = palustrine emergent

POW = palustrine open water

RUB = riverine unconsolidated bottom

# WETLAND DETERMINATION DATA SHEET - 1987 MANUAL

Client/Applicant: City of Oregon City Site: PP-3 Plot: 7  
 T 2S R 2E S 29 City: Oregon City County: Clackamas State: OR  
 Plot Location; Topography Swale located in backyards of several homes between Apperson Blvd and Harley Ave.  
 Project #: 7971165 Determined by: JF/CM Date: 6/12/97

**DETERMINATION: IS THIS PLOT IN A WETLAND? Yes**

**Do Normal Circumstances exist on the site? Yes**

**Are Soils ☐ Vegetation ☐ Hydrology ☐ significantly disturbed? No**

<b>VEGETATION</b> Dominant Plant Species	Ind. %Cover:		Ind. %Cover:
<b>Herb Stratum</b> - % total cover:	<b>100</b>	<b>Shrub/Sapling Stratum</b> - % total cover:	<b>0</b>
<i>Phalaris arundinacea</i>	FACW 50		
<i>Equisetum arvense</i>	FAC 20		
<i>Sonchus arvensis</i>	FACU 15		
<i>Dipsacus sylvestris</i>	FAC 10		

<b>Woody Vine Stratum</b> - % total cover:	<b>10</b>	<b>Tree Stratum</b> - % total cover:	<b>0</b>
<i>Solanum dulcamara</i>	FAC+ 5		

Percent of Dominant Species that are OBL, FACW, or FAC (excluding FAC-) 2 of 2 = 100 % (50/20 Rule)

**Vegetation Criterion Met? No**

**SOILS** Mapped Unit Name: Woodburn silt loam  
 Drainage Class: Moderately well drained  
 Taxonomy: Fine-silty, mixed, mesic Aquultic Argixerolls

Horizon	Depth	Matrix Color	Redox Abundance, Size, Color	Texture, Structure, Other
	0-18"+	2.5 Y 5/2		Silt loam

<input type="checkbox"/> Histosol	<input type="checkbox"/> Prob. Aquic moisture regime	<input type="checkbox"/> Redox features	<input type="checkbox"/> Organic streaking
<input type="checkbox"/> Histic epipedon	<input type="checkbox"/> Reducing conditions	<input type="checkbox"/> Concretions	<input type="checkbox"/> Organic pan
<input type="checkbox"/> Sulfidic odor	<input type="checkbox"/> Gleyed	<input type="checkbox"/> Highly organic surface layer	<input type="checkbox"/> On hydric soils list

**Soil Criterion Met? No**

**HYDROLOGY**

Depth of inundation N/A Depth to water table: >18" Depth to saturation: >18"

**Primary Indicators:**

- ☐ Inundated
- ☐ Saturated in upper 12"
- ☐ Water marks
- ☐ Drift lines
- ☐ Sediment deposits
- ☒ Drainage patterns

**Secondary Indicators (2 or more required):**

- ☐ Oxidized rhizospheres
- ☐ Water-stained leaves
- ☐ Recorded data (aerials, groundwater data)
- ☐ Local soil survey data
- ☐ FAC-Neutral test

Explain:

☒ Other

Explain: Within floodplain of small drainage.

Remarks: Plot located near narrow (1-2 ft. wide) flowing stream.

**Hydrology Criterion Met? Yes**

# WETLAND DETERMINATION DATA SHEET - 1987 MANUAL

Client/Applicant: City of Oregon City Site: PP-3 Plot: 8  
 T 2S R 2E S 28 City: Oregon City County: Clackamas State: OR  
 Plot Location; Topography Along stream midway between Hiram and Hunter Avenues.  
 Project #: 7971165 Determined by: DC/JF Date: 6/25/97

**DETERMINATION: IS THIS PLOT IN A WETLAND?: Yes**

**Do Normal Circumstances exist on the site? Yes**

**Are Soils ☐ Vegetation ☐ Hydrology ☐ significantly disturbed? No**

<b>VEGETATION</b>		Dominant Plant Species	Ind. %Cover:		Ind. %Cover:
<b>Herb Stratum</b> - % total cover:			<b>90</b>	<b>Shrub/Sapling Stratum</b> - % total cover:	<b>0</b>
		<i>Holcus lanatus</i>	FAC	30	
		<i>Dipsacus sylvestris</i>	FAC	20	
		<i>Rumex crispus</i>	FAC+	20	
		<i>Veronica americana</i>	OBL	20	
		<i>Epilobium watsonii</i>	FACW	10	
<b>Woody Vine Stratum</b> - % total cover:			<b>10</b>	<b>Tree Stratum</b> - % total cover:	<b>0</b>
		<i>Rubus discolor</i>	FACU	100	

Percent of Dominant Species that are OBL, FACW, or FAC (excluding FAC-) 4 of 4 = 100 % (50/20 Rule)

**Vegetation Criterion Met? Yes**

**SOILS** Mapped Unit Name: Amity silt loam  
 Drainage Class: Somewhat poorly drained.  
 Taxonomy: Fine-silty, mixed, mesic Argiaquic Xeric Argialboll

Horizon	Depth	Matrix Color	Redox Abundance, Size, Color	Texture, Structure, Other
	0-18"+	10 YR 3/1		Sandy loam, rock, gravel
<input type="checkbox"/> Histosol	<input type="checkbox"/> Prob. Aquic moisture regime	<input checked="" type="checkbox"/> Redox features	<input type="checkbox"/> Organic streaking	
<input type="checkbox"/> Histic epipedon	<input type="checkbox"/> Reducing conditions	<input type="checkbox"/> Concretions	<input type="checkbox"/> Organic pan	
<input type="checkbox"/> Sulfidic odor	<input type="checkbox"/> Gleyed	<input type="checkbox"/> Highly organic surface layer	<input type="checkbox"/> On hydric soils list	

**Soil Criterion Met? Yes**

## HYDROLOGY

Depth of inundation N/A Depth to water table: 8" Depth to saturation: Surface

### Primary Indicators:

- ☐ Inundated
- ☒ Saturated in upper 12"
- ☐ Water marks
- ☐ Drift lines
- ☐ Sediment deposits
- ☒ Drainage patterns

### Secondary Indicators (2 or more required):

- ☐ Oxidized rhizospheres
- ☐ Water-stained leaves
- ☐ Recorded data (aerials, groundwater data)
- ☐ Local soil survey data
- ☐ FAC-Neutral test
- Explain:
- ☐ Other
- Explain:

**Hydrology Criterion Met? Yes**

# WETLAND DETERMINATION DATA SHEET - 1987 MANUAL

Client/Applicant: City of Oregon City Site: PP-3 Plot: 9  
 T 2S R 2E S 28 City: Oregon City County: Clackamas State: OR  
 Plot Location; Topography Along stream midway between Hiram and Hunter Avenues.  
 Project #: 7971165 Determined by: DC/JF Date: 6/25/97

**DETERMINATION: IS THIS PLOT IN A WETLAND?:** No

**Do Normal Circumstances exist on the site?** Yes

**Are Soils ☐ Vegetation ☐ Hydrology ☐ significantly disturbed?** No

<b>VEGETATION</b>		Dominant Plant Species	Ind. %Cover:		Ind. %Cover:
<b>Herb Stratum</b> - % total cover:			<b>40</b>	<b>Shrub/Sapling Stratum</b> - % total cover:	<b>40</b>
		<i>Poa pratensis</i>	FAC 40		<i>Oemleria cerasiformis</i> FACU 60
		<i>Vicia sativa</i>	UPL 30		<i>Rosa pisocarpa</i> FAC 40
		<i>Dactylis glomerata</i>	FACU 30		
<b>Woody Vine Stratum</b> - % total cover:			<b>20</b>	<b>Tree Stratum</b> - % total cover:	<b>0</b>
		<i>Rubus discolor</i>	FACU 100		

Percent of Dominant Species that are OBL, FACW, or FAC (excluding FAC-) 2 of 6 = 33 % (50/20 Rule)

**Vegetation Criterion Met?** No

**SOILS** Mapped Unit Name: Amity silt loam  
 Drainage Class: Somewhat poorly drained.  
 Taxonomy: Fine-silty, mixed, mesic Argiaquic Xeric Argialboll

Horizon	Depth	Matrix Color	Redox Abundance, Size, Color	Texture, Structure, Other
	0-18"+	10 YR 3/3		Silt loam

- |  |  |   |   |
|--|--|---|---|
| <input type="checkbox"/> Histosol        | <input type="checkbox"/> Prob. Aquic moisture regime | <input type="checkbox"/> Redox features               | <input type="checkbox"/> Organic streaking    |
| <input type="checkbox"/> Histic epipedon | <input type="checkbox"/> Reducing conditions         | <input type="checkbox"/> Concretions                  | <input type="checkbox"/> Organic pan          |
| <input type="checkbox"/> Sulfidic odor   | <input type="checkbox"/> Gleyed                      | <input type="checkbox"/> Highly organic surface layer | <input type="checkbox"/> On hydric soils list |

**Soil Criterion Met?** No

## HYDROLOGY

Depth of inundation N/A Depth to water table: >18" Depth to saturation: >18"

### Primary Indicators:

- ☐ Inundated
- ☐ Saturated in upper 12"
- ☐ Water marks
- ☐ Drift lines
- ☐ Sediment deposits
- ☐ Drainage patterns

### Secondary Indicators (2 or more required):

- ☐ Oxidized rhizospheres
- ☐ Water-stained leaves
- ☐ Recorded data (aerials, groundwater data)
- ☐ Local soil survey data
- ☐ FAC-Neutral test

Explain:

☐ Other

Explain:

**Hydrology Criterion Met?** No

## OREGON FRESHWATER WETLAND ASSESSMENT METHODOLOGY

Date(s):	7/15/98	Investigator(s):	DC/CM
Project Name:	City of Oregon City		
Wetland Code:	PP-3	Project Number:	7971165

Wildlife Habitat	Fish Habitat Streams	Fish Habitat Lakes/Ponds	Water Quality	Hydrologic Control	Sensitivity to Impact
Q1: C	Q1: B	Q1:	Q1: A	Q1: B	Q1: A
Q2: C	Q2: C	Q2:	Q2: A	Q2: A	Q2: B
Q3: C	Q3: C	Q3:	Q3: C	Q3: C	Q3: C
Q4: C	Q4: A	Q4:	Q4: B	Q4: B	Q4: A
Q5: A	Q5: C	Q5:	Q5: A	Q5: C	Q5: A
Q6: A	Q6: C	Q6:	Q6: C	Q6: A	Q6: B
Q7: A				Q7: A	
Q8: C					
Q9a:					
Q9b: A					

Enhancement Potential	Education	Recreation	Aesthetic Quality
Q1: B	Q1: C	Q1: A	Q1: C
Q2: A	Q2: A	Q2: C	Q2: C
Q3: C	Q3: B	Q3: C	Q3: C
Q4: C	Q4: C	Q4: B	Q4: B
Q5a:	Q5: A	Q5: B	Q5: B
Q5b: C	Q6: B	Q6: B	Q6: B
Q6: B			

Wildlife Habitat:	The wetland provides habitat for some wildlife species.
Fish Habitat - Streams:	The wetland's fish habitat function is impacted or degraded.
Fish Habitat - Lakes/Ponds:	N/A
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 Impact:	The wetland is potentially sensitive to future impacts.
Enhancement Potential:	The wetland has little 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.

# OREGON FRESHWATER WETLAND ASSESSMENT METHODOLOGY

## Function and Condition Summary Sheet for the Oregon Method

WetlandCode: PP-3

ProjectNumber: 7971165

Function	Evaluation Descriptor	Rationale
<i>Wildlife Habitat</i>	The wetland provides habitat for some wildlife species.	One Cowardin wetland class with 5 or fewer plant species. Emergent veg. or wet meadow. Low degree of Cowardin class interspersion. Less than 0.5 acre of unvegetated open water present. Wetland connected to another body of water by surface water. Wetland connected to other wetlands within a 3 mile radius. Upstream not listed as water quality limited. Residential/Industrial land use within 500 feet of wetland edge. More than 40% of wetland edge bordered by veg. buffer 25 or more feet wide.
<i>Fish Habitat - Streams</i>	The wetland's fish habitat function is impacted or degraded.	Between 50 and 75% of stream shaded by riparian vegetation. Physical character of stream channel extensively modified/piped. Stream contains less than 10% of instream structures. Upstream not listed as water quality limited. Residential/Industrial land use within 500 feet of wetland edge. No fish species present during the year.
<i>Fish Habitat - Lakes/Ponds</i>	N/A	
<i>Water Quality</i>	The wetland's water quality function is impacted or degraded.	Surface flow (including streams and ditches) is wetland's primary source of water. Evidence of flooding or ponding during part of the growing season. Low (<60%) degree of wetland vegetation cover. Between 0.5 and 5 acres of wetland connected to other wetlands within a 3 mile radius. Residential/Industrial land use within 500 feet of wetland edge. Upstream not listed as water quality limited in watershed or adjacent to the wetland.
<i>Hydrologic Control</i>	The wetland's hydrologic control function is impacted or degraded.	No part of wetland located within 100-year floodplain or enclosed basin. Evidence of flooding or ponding during the growing season. Area is less than 0.5 acre. Minor restrictions slow down waterflow out of the wetland. Emergent veg. or wet meadow is dominant cover type. Residential/Industrial land use within 500 ft of wetland on downstream or down-slope edge of wetland. Urban or Urbanizing land use in watershed upstream from area.
<i>Sensitivity to Impact</i>	The wetland is potentially sensitive to future impacts.	Stream flow or bank has been modified by human activities within 1 mile above wetland. Water is not being taken out of streams through active diking, drainage, or irrigation districts upstream. Upstream not listed as water quality limited in watershed upstream of the or adjacent to the wetland. Residential/industrial (developed) land use



# OREGON FRESHWATER WETLAND ASSESSMENT METHODOLOGY

## Function and Condition Summary Sheet for the Oregon Method

WetlandCode: PP-3

ProjectNumber: 7971165

Function	Evaluation Descriptor	Rationale
		within 500 feet of wetland's edge. Dominant Residential/Industrial (developed) land use within 500 feet of wetland's edge. Emergent veg. only or wet meadow is the dominant cover.
<i>Enhancement Potential</i>	The wetland has little enhancement potential.	Wetland has lost one or more functions or one or more functions is not present in assessment results for wildlife habitat, fish habitat, water quality and hydrologic control. Wetland's primary source of water is surface flow, including streams and ditches. Water flow into wetland is restricted and cannot be restored. Wetland's area is less than 0.5 acre. Less than 10% of wetland's edge is bordered by a vegetative buffer 25 or more feet wide. Wetland is potentially sensitive to future impacts.
<i>Education</i>	The wetland site is not appropriate for educational use.	Wetland site is not open to the public for direct access or observation. There are no visible hazards to the public at the wetland site. Provides wildlife habitat for some species, or fish habitat is impacted or degraded. There is no existing physical public access to other features, and observation of other features cannot be made. There is a maintained public access point within 250 feet of the wetland's edge. Access is not available for limited mobility.
<i>Recreation</i>	The wetland has the potential to provide recreational opportunities.	There is a maintained public access point within 250 feet of wetland's edge. Wetland not accessible by boat-no boat launch within 1 mile/ cannot develop. No existing trails and viewing areas to guide user or if created, would disrupt wildlife or plant habitat. Wetland provides habitat for some species. Fishing is not allowed at wetland or adjacent water body (or not applicable). Hunting is not allowed at the wetland.
<i>Aesthetic Quality</i>	The wetland is considered to be moderately pleasing.	One Cowardin class is visible from primary viewing area(s). Less than 25% of wetland is visible from viewing area(s). General appearance of wetland has visual detractors which cannot be removed easily. Visual character with surrounding area is landscaped or manipulated by people. At certain times, unpleasant odors are present at the primary viewing location. Continuous traffic and other intrusive noise and natural sounds are audible at primary viewing location.