

## **APPENDIX D: WETLAND SUMMARY SHEETS**



# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 1

**Investigator(s):** Sarah Hartung, Aaron Booy

**Size (acres):** 3.5

**Data Sheet Numbers:** SP 207

### Location

**Legal:** T 20 S R 11E S 6 BB

**Nearest Town:** Sunriver

**Other:** Located on the west side of the Deschutes River, west and parallel to the airport

**Latitude:** 43.8769

**Basin:** Deschutes River

**Longitude:** -121.4628

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PSSE

**Vegetation:** Shrubs: *Salix geyeriana* (Geyer willow), Herbs: *Carex aquatilis* (Water sedge)

**Comments:** Off-site determination. Low-lying area along the Deschutes River, open space.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 10

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water and an island.

**Percent (approx.) of the Wetland Visited:** 0, viewed from opposite shoreline.

**Percent (approx.) of the AA Visited:** 2, included the Deschutes River shoreline.

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 2

**Investigator(s):** Sarah Hartung, Aaron Booy

**Size (acres):** 1.0

**Data Sheet Numbers:** SP 206

### Location

**Legal:** T 20 S R 11 E S 6 BB

**Nearest Town:** Sunriver

**Other:** West of airport, east side of Deschutes River and slightly east of channel

**Latitude:** 43.8743

**Basin:** Deschutes River

**Longitude:** -121.4617

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Slope Valley

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMY

**Vegetation:** Herbs: Carex aquatilis (Water sedge), Typha latifolia (Broadleaf cattail)

**Comments:** Off-site determination. In undeveloped area adjacent to the airport.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 8

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included the larger wetland that extends outside of the study area.

**Percent (approx.) of the Wetland Visited:** 0, viewed from public trail.

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 3

**Investigator(s):** Sarah Hartung, Aaron Booy

**Size (acres):** 12.7

**Data Sheet Numbers:** SP 205

### Location

**Legal:** T 20 S R 11 E S 6 AC, BC, CB

**Nearest Town:** Sunriver

**Other:** West and southwest of airport on west side of Deschutes River, near confluence with Spring River

**Latitude:** 43.8701

**Longitude:** -121.4619

**Basin:** Deschutes River

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME

**Vegetation:** Herbs: Carex aquatilis (Water sedge)

**Comments:** Off-site determination. In open space, undeveloped area south of confluence of Spring River and Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 16

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 0, viewed from opposite shoreline.

**Percent (approx.) of the AA Visited:** 2, included the Deschutes River shoreline.

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** Yes

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 4

**Investigator(s):** Sarah Hartung, Aaron Booy

**Size (acres):** 2.2

**Data Sheet Numbers:** SP 208

### Location

**Legal:** T 20 S R 10 E S 1 AD

**Nearest Town:** Sunriver

**Other:** Southwest of airport on the east side of Spring River, west of Deschutes River

**Latitude:** 43.8684

**Basin:** Deschutes River

**Longitude:** -121.4699

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMY

**Vegetation:** Trees: Pinus contorta (Lodgepole pine), Shrubs: Salix geyeriana (Geyer willow), Herbs: Carex aquatilis (Water sedge)

**Comments:** Off-site determination. Narrow, convoluted wetland along Spring River and unnamed tributary to Spring River. In undeveloped area, open space.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 4

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in Spring River.

**Percent (approx.) of the Wetland Visited:** 0

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/7/2010

**Wetland Mapping Code:** 5

**Investigator(s):** Sarah Hartung, Aaron Booy

**Size (acres):** 8.0

**Data Sheet Numbers:** SP 201

### Location

**Legal:** T 20 E R 11 E S 6 DC, CD

**Nearest Town:** Sunriver

**Other:** North of Spring River Road, west side of Deschutes River

**Latitude:** 43.8684

**Basin:** Deschutes River

**Longitude:** -121.4699

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME, PSSE

**Vegetation:** Shrubs: Salix geeyeriana (Geyer willow), Herbs: Carex aquatilis (Water sedge)

**Comments:** Off-site determination. In undeveloped area along the Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 10.5

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 0, viewed from right-of-way.

**Percent (approx.) of the AA Visited:** 0, viewed from right-of-way.

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 6a-b

**Investigator(s):** Sarah Hartung, Aaron Booy

**Size (acres):** 0.6

**Data Sheet Numbers:** SP 203 (6a-b)

### Location

**Legal:** T 20 S R 11 E S 7 AB, T 20 S R 11 E S 6 DC

**Nearest Town:** Sunriver

**Other:** West of Lunar Dr along Spring River Rd

**Latitude:** a. 43.8627 b. 43.8630

**Basin:** Deschutes River

**Longitude:** a. -121.4600 b. -121.4591

### Soils

**Mapped Series:** 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Depressional Outflow (6a-b)

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PSSF (6a), PSSC (6b)

**Vegetation:** Salix geyeriana (Geyer willow), Spiraea douglasii (Douglas spirea), Herbs: Carex aquatilis (Water sedge),

**Comments:** On-site determination. 6a-b surrounded by residential development and along busy road (Spring River Rd). Fill activities have reduced size of 6a, only a few residences nearby and adjacent to woodland.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 0.6, same size as wetland areas.

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. For 6a-b, the AA's were the same size as the wetland polygons.

**Percent (approx.) of the Wetland Visited:** a. 20 b. 10

**Percent (approx.) of the AA Visited:** a. 20 b. 10

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 7

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 0.7

**Data Sheet Numbers:** SP 210

### Location

**Legal:** T 20 S R 11 E S 7 AB, DB

**Nearest Town:** Sunriver

**Other:** East of Lunar Rd, south of Spring River Rd on west side of Deschutes River

**Latitude:** 43.8599

**Basin:** Deschutes River

**Longitude:** -121.4570

### Soils

**Mapped Series:** 144A: Sunriver sandy loam, 0 to 3 percent slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Flooding

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME

**Vegetation:** Carex aquatilis (Water sedge)

**Comments:** On-site determination. Narrow wetland along Deschutes River, residential waterfront. Two polygons less than 100 feet apart on same side of Deschutes River; considered one unit due to small size of polygons and close proximity.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 2

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 20

**Percent (approx.) of the AA Visited:** 6

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 8

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 1.1

**Data Sheet Numbers:** SP 209

### Location

**Legal:** T 20 S R 11 E S 7 DB

**Nearest Town:** Sunriver

**Other:** East of Lunar Rd, east side of Deschutes River

**Latitude:** 43.8570

**Basin:** Deschutes River

**Longitude:** -121.4574

### Soils

**Mapped Series:** 44A: Sunriver sandy loam, 0 to 3 percent slopes, 29A Cryaquolls, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME

**Vegetation:** Trees: Pinus contorta (Lodgepole pine), Shrubs: Salix geyeriana (Geyer willow), Herbs: Carex aquatilis (Water sedge)

**Comments:** Off-site determination. Undeveloped land along the Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 2.5

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 0, viewed from opposite shoreline.

**Percent (approx.) of the AA Visited:** 1, included shoreline of Deschutes River.

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/7/2010

**Wetland Mapping Code:** 9

**Investigator(s):** Sarah Hartung, Aaron Booy

**Size (acres):** 6.8

**Data Sheet Numbers:** N/A

### Location

**Legal:** T 20 S R 11 E S 7 CD

**Nearest Town:** Sunriver

**Other:** Immediately south of the confluence of Little Deschutes and Deschutes River; west of Canoe Camp Dr

**Latitude:** 43.8514

**Longitude:** -121.4524

**Basin:** Deschutes River

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes, 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Slope Valley

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMC, PFOC

**Vegetation:** From aerials and vegetation in vicinity: Carex sp. (sedges); grasses (unknown species); Pinus contorta (Lodgepole pine)

**Comments:** Not able to view in field due to lack of property access and lack of public roads, therefore no data sheet was created. Wetland is in undeveloped forested area; exclusive residences and golf course to the east.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 15

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included the larger wetland extending north of the study area and adjoining open water in the Deschutes River and Little Deschutes River.

**Percent (approx.) of the Wetland Visited:** 0, not able to view in field due to lack of property access and lack of public roads.

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 10

**Investigator(s):** Sarah Hartung, Aaron Booy

**Size (acres):** 9.2

**Data Sheet Numbers:** SP 212

### Location

**Legal:** T 20 S R 11 E S 7 AC, BC, CC, DC

**Nearest Town:** Sunriver

**Other:** South of the intersection of Meteor and  
Elsinore, west side of Deschutes River

**Latitude:** 43.8539

**Basin:** Deschutes River

**Longitude:** -121.4614

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes, 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Slope Valley

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMF, PSSE, PFOA

**Vegetation:** Herbs: Carex aquatilis (Water sedge), Juncus balticus (Baltic rush)

**Comments:** Off-site determination. Old Oxbow of Deschutes River; surrounded by residential development.  
Viewed from public trail.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 9.2

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland.

**Percent (approx.) of the Wetland Visited:** 0, viewed from public trail.

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** Yes

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 11

**Investigator(s):** Sarah Hartung, Aaron Booy

**Size (acres):** 3.8

**Data Sheet Numbers:** SP 213

### Location

**Legal:** T 20 S R 11 E S 7 AC, DC

**Nearest Town:** Sunriver

**Other:** East of Eclipse on the east side of the Deschutes River

**Latitude:** 43.8523

**Basin:** Deschutes River

**Longitude:** -121.4594

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMF

**Vegetation:** Carex aquatilis (Water sedge)

**Comments:** Off-site determination. Low-lying area on a bend of the Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 5

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 0, viewed from opposite shoreline.

**Percent (approx.) of the AA Visited:** 1, included the Deschutes River shoreline.

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 12

**Investigator(s):** Sarah Hartung, Aaron Booy

**Size (acres):** 2.2

**Data Sheet Numbers:** SP 214

### Location

**Legal:** T 20 S R 11 E S 18 AB, BB

**Nearest Town:** Sunriver

**Other:** South of Guss Way on the west side of Deschutes River

**Latitude:** 43.8468

**Basin:** Deschutes River

**Longitude:** -121.4619

### Soils

**Mapped Series:** 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME, PSSE

**Vegetation:** Salix geyeriana (Geyer willow), Herbs: Carex aquatilis (Water sedge), Juncus balticus (Baltic rush)

**Comments:** On-site determination. Narrow fringe along the Deschutes River, residential waterfront. Several docks and boat slips constructed in wetland. Wetland includes previous DSL determination WD2009-0042.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 4

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 5

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/3/2010

**Wetland Mapping Code:** 13a-d

**Investigator(s):** John Gordon, Rosemary Baker

**Size (acres):** 0.7

**Data Sheet Numbers:** SP 101

### Location

**Legal:** T 20 S R 10 E S 13 CA

**Nearest Town:** Three Rivers

**Other:** Running northwest to southeast from Norwalk continuing south of Pasadena

**Latitude:** 43.8403

**Basin:** Deschutes River

**Longitude:** -121.4734

### Soils

**Mapped Series:** 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Overland Flow

**Hydro-geomorphic (HGM) Classification(s):** Slope Headwater

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PSSE, PFOE

**Vegetation:** Trees: Pinus contorta (Lodgepole pine), Shrubs: Prunus sp. (cherry), Salix sp. (willow)

**Comments:** On-site determination. Surrounded by residential development.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 0.7

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA was the same size as the wetland.

**Percent (approx.) of the Wetland Visited:** 25

**Percent (approx.) of the AA Visited:** 25

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** Yes

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/3/2010

**Wetland Mapping Code:** 14

**Investigator(s):** John Gordon, Adam Merrill

**Size (acres):** 9.8

**Data Sheet Numbers:** SP 100

### Location

**Legal:** T 20 S R 3 E S 13 AD, BD, AC, T 20 S R 3 E S 18 BC

**Nearest Town:** Three Rivers

**Other:** South of Pasadena Rd, north of Milky Way

**Latitude:** 43.8394

**Basin:** Deschutes River

**Longitude:** -121.4714

### Soils

**Mapped Series:** 144A: Sunriver sandy loam, 0 to 3 percent slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Flooding

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMC, PSSC

**Vegetation:** Shrubs: Salix sp., Herbs: Carex sp., Geum macrophyllum (Largeleaf avens), Rumex acetosa (Garden sorrel), Juncus balticus (Baltic rush)

**Comments:** On-site determination. Old oxbow of Deschutes River surrounded by residential development. Wetland includes previous DSL determination WD2007-0154.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 15

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 10

**Percent (approx.) of the AA Visited:** 4

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 15

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 4.3

**Data Sheet Numbers:** SP 7

### Location

**Legal:** T 20 S R 10 E S 13 CD, DD, T 20 S R 11 E S 18 CC, T 20 S R 10 E S 24 BA

**Nearest Town:** Three Rivers

**Latitude:** 43.8360

**Other:** South of Upland Rd and Milky Way, on the west side of Deschutes River

**Longitude:** -121.4710

**Basin:** Deschutes River

### Soils

**Mapped Series:** 144A: Sunriver sandy loam, 0 to 3 percent slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Overland Flow

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME

**Vegetation:** Carex nebrascensis (Nebraska sedge), Carex aquatilis (Water sedge)

**Comments:** On-site determination and includes previous delineation WD1995-0148. Narrow fringe along the Deschutes River, residential waterfront.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 10

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 4

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 16

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 2.0

**Data Sheet Numbers:** SP 6

### Location

**Legal:** T 20 S R 10 E S 24 AA, BA

**Nearest Town:** Three Rivers

**Other:** Northwest of Wood Duck and Osprey intersection on the west side of the Deschutes River

**Latitude:** 43.8324

**Basin:** Deschutes River

**Longitude:** -121.4702

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes, 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME

**Vegetation:** Herbs: Carex aquatilis (Water sedge)

**Comments:** On-site determination. Peninsula at bend in Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 5

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 10

**Percent (approx.) of the AA Visited:** 2

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/3/2010

**Wetland Mapping Code:** 17

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 2.5

**Data Sheet Numbers:** SP 5

### Location

**Legal:** T 20 S R 10 E S 24 BA, DA

**Nearest Town:** Three Rivers

**Other:** West and parallel to Wood Duck, on the west side of Deschutes River

**Latitude:** 43.8306

**Basin:** Deschutes River

**Longitude:** -121.4739

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes, 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME, PFOA

**Vegetation:** Herbs: Carex aquatilis (Water sedge), Equisetum arvense (Field horsetail)

**Comments:** On-site determination. Low-lying area along the Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 6

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 5

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 18

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 10.7

**Data Sheet Numbers:** SP 9, 102

### Location

**Legal:** T 20 S R 10 E S 24 CB, CA, BD, AC, DB

**Nearest Town:** Three Rivers

**Other:** South of Sharp on west side of Deschutes River, includes area in drainage field

**Latitude:** 43.8285

**Basin:** Deschutes River

**Longitude:** -121.4729

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes, 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Flooding

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMF

**Vegetation:** Herbs: Carex aquatilis (Water sedge), Scirpus americanus (Chairmaker's bulrush), Juncus balticus (Baltic rush)

**Comments:** On-site determination of previous delineations, WD1993-0294 and WD2001-0398. Backwater slough connected to the Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 12

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 3

**Percent (approx.) of the AA Visited:** < 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 19

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 2.3

**Data Sheet Numbers:** SP 10

### Location

**Legal:** T 20 S R 10 E S 24 AD, BD

**Nearest Town:** Three Rivers

**Other:** West of the end of Chief Paulina on the west side of Deschutes River

**Latitude:** 43.8241

**Basin:** Deschutes River

**Longitude:** -121.4718

### Soils

**Mapped Series:** 9A: Cryaquolls, 0 to 3 percent slopes, 144A: Sunriver sandy loam, 0 to 3 percent slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMC

**Vegetation:** Carex aquatilis (Water sedge)

**Comments:** Off-site determination. Undeveloped land along the Deschutes River, adjacent to upland forest.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 5

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 0

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 20

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 3.7

**Data Sheet Numbers:** SP 11

### Location

**Legal:** T 20 S R 10 E S 24 BD

**Nearest Town:** Three Rivers

**Other:** South of Big River/Century Rd, on the east bank of the Deschutes River

**Latitude:** 43.8252

**Basin:** Deschutes River

**Longitude:** -121.4741

### Soils

**Mapped Series:** 29: Cryaquolls, 0 to 3 percent slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME

**Vegetation:** Carex aquatilis (Water sedge)

**Comments:** Off-site determination. Undeveloped land along the Deschutes River, adjacent to upland forest.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 7

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 0, viewed from opposite shoreline.

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 21

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 7.8

**Data Sheet Numbers:** N/A

### Location

**Legal:** T 20 S R 10 E S 24 AD, DD, CD

**Nearest Town:** Three Rivers

**Other:** North of Big River/Century Rd, east of Fountainebleau and south of Deschutes River

**Latitude:** 43.8203

**Basin:** Deschutes River

**Longitude:** -121.4724

### Soils

**Mapped Series:** 115A: Shanahan loamy coarse sand, 0 to 3 percent slopes, 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PABF, PEME, PEMH, PSSC, PFOA

**Vegetation:** From aerial image and vegetation in vicinity: grasses, sedges, and Pinus contorta (Lodgepole Pine)

**Comments:** Off-site determination. No visual access. Old oxbow of Deschutes River surrounded by low density residential and forest.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 7.84

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA was the same size as the wetland.

**Percent (approx.) of the Wetland Visited:** 0

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** Yes

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/5/2010

**Wetland Mapping Code:** 22

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 4.5

**Data Sheet Numbers:** SP 8

### Location

**Legal:** T 20 S R 10 E S 24 BD, AC, DC

**Nearest Town:** Three Rivers

**Other:** South of the end of Cone, on the west side of the Deschutes River

**Latitude:** 43.8227

**Basin:** Deschutes River

**Longitude:** -121.4781

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME

**Vegetation:** Carex aquatilis (Water sedge)

**Comments:** On-site determination. Low-lying area adjacent to Deschutes River. Buffer is upland forest and low density residential.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 7

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 5

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 23

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 1.1

**Data Sheet Numbers:** N/A

### Location

**Legal:** T 20 S R 10 E S 24 AC, BC

**Nearest Town:** Three Rivers

**Other:** North of Gatehouse Ln, on the east side of the Deschutes River

**Latitude:** 43.8239

**Basin:** Deschutes River

**Longitude:** -121.4826

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes, 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Impounding

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PABF

**Vegetation:** From aerial image and vegetation in vicinity: sedges, and Pinus contorta (Lodgepole Pine)

**Comments:** Off-site determination and no public access viewing.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 1.1

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA was the same size as the wetland.

**Percent (approx.) of the Wetland Visited:** 0

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** Yes

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 24

**Investigator(s):** Alison Sigler, Rosemary

**Size (acres):** 3.0

**Data Sheet Numbers:** SP 13

### Location

**Legal:** T 20 S R 10 E S 23 D

**Nearest Town:** Three Rivers

**Other:** North of Big River Rd on the east side of the Deschutes River

**Latitude:** 43.8220

**Basin:** Deschutes River

**Longitude:** -121.4889

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMF

**Vegetation:** Shrubs: *Salix geeyeriana* (Geyer willow), Herbs: *Carex aquatilis* (Water sedge)

**Comments:** On-site determination. Low-lying area adjacent to Deschutes River. Residential development upslope.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 5

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 10

**Percent (approx.) of the AA Visited:** 2

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 25

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 5.0

**Data Sheet Numbers:** SP 12

### Location

**Legal:** T 20 S R 10 E S 23 DD, T 20 S R 10 E S 26  
AA

**Nearest Town:** Three Rivers

**Latitude:** 43.8184

**Other:** Southeast of Wagon Master on the west side of  
Deschutes River

**Longitude:** -121.4906

**Basin:** Deschutes River

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME

**Vegetation:** Shrubs: *Salix geyeriana* (Geyer willow), Herbs: *Carex aquatilis* (Water sedge)

**Comments:** Off-site determination. Low-lying area adjacent to Deschutes River. Residential development upslope, beyond forest buffer.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 7

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 0, viewed from opposite shoreline.

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 26a-b

**Investigator(s):** Alison Sigler, Rosemary

**Size (acres):** 2.5

**Data Sheet Numbers:** SP 14

### Location

**Legal:** T 20 S 10 E S 25 AB, DB, CB

**Nearest Town:** Three Rivers

**Other:** North and south of Century Rd, to the east of Seevers

**Latitude:** 43.8157

**Basin:** Deschutes River

**Longitude:** -121.4797

### Soils

**Mapped Series:** 115A: Shanahan loamy coarse sand, 0 to 3 percent slopes, 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Depressional Closed Nonpermanently Flooded

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMA, PSSA, PFOA

**Vegetation:** Shrubs: Salix sp., Herbs: Carex aquatilis (Water sedge)

**Comments:** Off-site determination. Near residential uses and forest land.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 2.5

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA was the same size as the wetland.

**Percent (approx.) of the Wetland Visited:** 0, viewed from right-of-way.

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** Yes

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 27a-c

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 12.1

**Data Sheet Numbers:** SP 15

### Location

**Legal:** T 20 S R 10 E S 25 BB

**Nearest Town:** Three Rivers

**Other:** East of Heierman Dr and south of S Century Dr

**Latitude:** 43.8121

**Basin:** Deschutes River

**Longitude:** -121.4851

### Soils

**Mapped Series:** 144A: Sunriver sandy loam, 0 to 3 percent slopes, 115A:Shanahan loamy coarse sand, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Depressional Closed Nonpermanently Flooded

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PFOY

**Vegetation:** Pinus contorta (Lodgepole pine), Shrubs: Spiraea douglasii (Douglas spirea), Salix geyeriana (Geyer willow), Betula grandulosa (resin birch), Herbs: Juncus sp., Fragaria virginiana (Virginia strawberry), Equisetum arvense (Field horsetail)

**Comments:** On-site determination. Wetland/Upland Mosaic located in a forested, undeveloped residential area that has uneven terrain from extensive on-site ditching and previous earth moving work, creating pockets of upland areas throughout wetland. This wetland sits to the west of the base of a slope.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 12.1

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA was the same size as the wetland.

**Percent (approx.) of the Wetland Visited:** 10

**Percent (approx.) of the AA Visited:** 10

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** Yes

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 28a-b

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 1.8

**Data Sheet Numbers:** SP 16

### Location

**Legal:** T 20 S R 10 E S 25 BC

**Nearest Town:** Three Rivers

**Other:** West of Heierman Dr, north and south of Gross Dr

**Latitude:** 43.8099

**Basin:** Deschutes River

**Longitude:** -121.4862

### Soils

**Mapped Series:** 144A, Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Depressional Closed Nonpermanently Flooded

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PFOY

**Vegetation:** Shrubs: *Betula glandulosa* (Resin birch), *Spiraea douglasii* (Douglas spirea), Herbs: *Poa* sp.

**Comments:** On-site determination. Wetland/Upland Mosaic located in a forested, undeveloped residential area that has uneven terrain from extensive on-site ditching and previous earth moving work, creating pockets of upland areas.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 1.8

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA was the same size as the wetland.

**Percent (approx.) of the Wetland Visited:** 10

**Percent (approx.) of the AA Visited:** 10

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** Yes

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 29a-c

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 5.8

**Data Sheet Numbers:** SP 408

### Location

**Legal:** T 20 S R 10 E S 26 DA, AD

**Nearest Town:** Three Rivers

**Other:** South and west of Heierman Dr

**Latitude:** 43.8105

**Basin:** Deschutes River

**Longitude:** -121.4888

### Soils

**Mapped Series:** 144A: Sunriver sandy loam, 0 to 3 percent slopes

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Depressional Closed Nonpermanently Flooded

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PFOY, PEMY

**Vegetation:** Trees: Pinus contorta (Lodgepole pine), Shrubs: Spiraea douglasii (Douglas spirea), Herbs: Juncus sp., Poa sp., Fragaria virginiana (Virginia strawberry)

**Comments:** On-site determination. Wetland/Upland Mosaic due to uneven terrain and areas of upland vegetation creating numerous upland hummocks.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 5.8

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA was the same size as the wetland.

**Percent (approx.) of the Wetland Visited:** 5

**Percent (approx.) of the AA Visited:** 5

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** Yes

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/7/2010

**Wetland Mapping Code:** 30

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 1.7

**Data Sheet Numbers:** SP 17

### Location

**Legal:** T 20 S R 10 E S 26 BD

**Nearest Town:** Three Rivers

**Other:** North of Big River Rd, west of Casper and east of Deschutes River

**Latitude:** 43.8119

**Basin:** Deschutes River

**Longitude:** -121.4927

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Depressional Closed Nonpermanently Flooded

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME, PSSE, PFOE

**Vegetation:** Trees: Pinus contorta (Lodgepole pine), Shrubs: Betula glandulosa (Resin birch), Salix geyeriana (Geyer willow), Herbs: Carex nebrascensis (Nebraska sedge)

**Comments:** On-site determination. Wetland/Upland Mosaic, part of an old river oxbow including non-wetland hummocks. This wetland extends out of study area and is adjacent to the Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 1.7

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA was the same size as the wetland.

**Percent (approx.) of the Wetland Visited:** 5

**Percent (approx.) of the AA Visited:** 5

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/7/2010

**Wetland Mapping Code:** 31

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 0.8

**Data Sheet Numbers:** SP 18

### Location

**Legal:** T 20 S R 10 E S 26 BD

**Nearest Town:** Three Rivers

**Other:** Northwest of Big River Rd on east side of Deschutes River

**Latitude:** 43.8118

**Basin:** Deschutes River

**Longitude:** -121.4963

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME

**Vegetation:** Shrubs: *Salix geyeriana* (Geyer willow), Herbs: *Carex aquatilis* (Water sedge), *Carex nebrascensis* (Nebraska sedge)

**Comments:** Off-site determination. Low-lying area along the Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 2

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 0, viewed from adjacent parcel.

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 6/25/2010

**Wetland Mapping Code:** 32

**Investigator(s):** Alison Sigler, Sarah Hartung

**Size (acres):** 1.4

**Data Sheet Numbers:** SP 45A

### Location

**Legal:** T 20 S R 10 E S 26 BD

**Nearest Town:** Three Rivers

**Other:** Northwest of Meadow, on the west side of Deschutes River

**Latitude:** 43.8096

**Basin:** Deschutes River

**Longitude:** -121.4955

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMY, PSSC, R2UBH

**Vegetation:** Shrubs: *Alnus incana* (Gray alder), *Salix exigua* (Narrowleaf willow), Herbs: *Carex* sp., *Phalaris arundinacea* (Reed canary grass)

**Comments:** Off-site determination. Peninsula in bend of Deschutes River. A couple residences nearby but mainly upland forest in vicinity.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 3

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 0, viewed from opposite shoreline.

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 6/25/2010

**Wetland Mapping Code:** 33

**Investigator(s):** Alison Sigler, Sarah Hartung

**Size (acres):** 3.7

**Data Sheet Numbers:** SP 46A

### Location

**Legal:** T 20 S R 10 E S 26 BD, CD

**Nearest Town:** Three Rivers

**Other:** South of Meadow, on the east side of Deschutes River

**Latitude:** 43.8084

**Basin:** Deschutes River

**Longitude:** -121.4953

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Flooding

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMC, PFOC

**Vegetation:** Herbs: Carex sp., (sedge), Poa sp., (grass), Juncus sp. (rush), Trees: Pinus contorta (Lodgepole Pine)

**Comments:** Off-site determination. Wetland is part of an old oxbow of Deschutes River. A few residences nearby but mainly forest land.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 15

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included the off-site wetland to the south and adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 0

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 6/24/2010

**Wetland Mapping Code:** 34

**Investigator(s):** Alison Sigler, Sarah Hartung

**Size (acres):** 4.3

**Data Sheet Numbers:** SP 42A

### Location

**Legal:** T 20 S R 20 E S 35 AA, BA

**Nearest Town:** Three Rivers

**Other:** West of Foster Rd, north and south of Gray Wolf

**Latitude:** 43.8046

**Basin:** Deschutes River

**Longitude:** -121.4956

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Slope Valley

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PFOA

**Vegetation:** Trees: *Pinus contorta* (Lodgepole pine), Shrubs: *Rosa gymnocarpa* (Dwarf rose), *Salix exigua* (narrowleaf willow), Herbs: *Fragaria virginiana* (Virginia strawberry), *Trifolium repens* (White clover)

**Comments:** On-site determination. Wetland/Upland Mosaic due to relict oxbow with uneven terrain and pockets of upland vegetation. Wetland extends out of study area, two polygons united by "off-site" wetland area. Surrounded by forested land; south and higher elevation than old oxbow (Wetland 33).

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 9

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included off-site wetland area to the north.

**Percent (approx.) of the Wetland Visited:** 5

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 35

**Investigator(s):** Alessandra Capretti, Adam Merrill

**Size (acres):** 2.5

**Data Sheet Numbers:** SP 106

### Location

**Legal:** T 20 S R 10 E S 35 BB, CB

**Nearest Town:** Three Rivers

**Other:** Southeast of the intersection of Carrington and Forest on the west side of Deschutes River

**Latitude:** 43.8007

**Basin:** Deschutes River

**Longitude:** -121.5055

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMC, R2UBH

**Vegetation:** Shrubs: *Salix geyeriana* (Geyer willow), Herbs: *Carex nebrascensis* (Nebraska sedge), *Carex aquatilis* (Water sedge), *Juncus balticus* (Baltic rush)

**Comments:** On-site determination. Residential waterfront along Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 4.5

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 5

**Percent (approx.) of the AA Visited:** 2

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/7/2010

**Wetland Mapping Code:** 36

**Investigator(s):** Alison Sigler, Rosemary Baker

**Size (acres):** 2.4

**Data Sheet Numbers:** SP 43A

### Location

**Legal:** T 20 S R 10 E S 35 CB, DBO

**Nearest Town:** Three Rivers

**Other:** Northeast of Mallard Dr, on west side of Deschutes River

**Latitude:** 43.7990

**Basin:** Deschutes River

**Longitude:** -121.5023

### Soils

**Mapped Series:** Not available

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMC, PSSC

**Vegetation:** Shrubs: *Salix exigua* (narrowleaf willow), Herbs: *Carex aquatilis* (Water sedge)

**Comments:** Off-site determination. Low-lying area along the Deschutes River. Low density residential, forest land.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 5

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 0, viewed from opposite shoreline.

**Percent (approx.) of the AA Visited:** 0

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** Yes

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 37

**Investigator(s):** Alessandra Capretti, Adam Merrill

**Size (acres):** 1.9

**Data Sheet Numbers:** SP 107

### Location

**Legal:** T 20 S R 10 E S 35 AC, BC, CB, DB

**Nearest Town:** Three Rivers

**Other:** East of Mallard, on west side of Deschutes River

**Latitude:** 43.7978

**Basin:** Deschutes River

**Longitude:** -121.5029

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes, 115A: Shanahan loamy coarse sand, low, 0 to 3 percent slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Flooding

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMC, PSSC, R2UBH

**Vegetation:** Shrubs: *Salix geyeriana* (Geyer willow), Herbs: *Carex aquatilis* (Water sedge), *Carex nebrascensis* (Nebraska sedge)

**Comments:** On-site determination. Complex of low-lying wetland areas along the Deschutes River. Wetland extends outside of the study area. SP 107 is representative of wetland 37 although it is located outside of study area, it characterizes the same wetland. Two polygons united by "off-site" wetland area.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 14

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water, wetlands outside of study area, peninsula and island to the north.

**Percent (approx.) of the Wetland Visited:** 5

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 6/21/2010

**Wetland Mapping Code:** 38

**Investigator(s):** Sarah Hartung, Alison Sigler

**Size (acres):** 2.3

**Data Sheet Numbers:** SP 7A

### Location

**Legal:** T 20 S R 10 E S 35 BC, AC

**Nearest Town:** Three Rivers

**Other:** South of Beaver Dr; east side of Deschutes River

**Latitude:** 43.7948

**Basin:** Deschutes River

**Longitude:** -121.5023

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Flooding

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMH, R2UBH

**Vegetation:** Trees: Pinus contorta (Lodgepole pine), Shrubs: Salix exigua (narrowleaf willow), Herbs: Juncus balticus (Baltic rush), Carex aquatilis (Water sedge)

**Comments:** Off-site determination. Low-lying area along river; adjacent to national forest.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 5

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:**

**Percent (approx.) of the AA Visited:**

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 39

**Investigator(s):** Alessandra Capretti, Adam Merrill

**Size (acres):** 1.8

**Data Sheet Numbers:** SP 108

### Location

**Legal:** T 20 S R 10 E S 35 BC, CC

**Nearest Town:** Three Rivers

**Other:** North of the end of Silver Fox, on the west side of the Deschutes River

**Latitude:** 43.7945

**Basin:** Deschutes River

**Longitude:** -121.5034

### Soils

**Mapped Series:** 29A Cryaquolls, 0 to 3 percents slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Groundwater

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PSSC

**Vegetation:** Trees: Pinus contorta (Lodgepole pine), Shrubs: Betula grandulosa (Resin birch), Herbs: Juncus balticus (Baltic rush), Carex aquatilis (Water sedge), Carex nebrascensis (Nebraska sedge)

**Comments:** On-site determination. Undeveloped peninsula in bend of Deschutes River.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 6

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water and the east end of the wetland that extends off-site.

**Percent (approx.) of the Wetland Visited:** 5

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 40

**Investigator(s):** Alessandra Capretti, Adam Merrill

**Size (acres):** 3.5

**Data Sheet Numbers:** SP 109

### Location

**Legal:** T 20 S R 10 E S 35 BC, T 20 S R 10 E S 34  
AD, DD

**Nearest Town:** Three Rivers

**Latitude:** 43.7947

**Other:** South of Mallard, east of Forest on west side of  
Deschutes River

**Longitude:** -121.5082

**Basin:** Deschutes River

### Soils

**Mapped Series:** 29A Cryaquolls, 0 to 3 percents slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Flooding

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMC, PSSC

**Vegetation:** Herbs: Carex nebrascensis (Nebraska sedge), Carex aquatilis (Water sedge)

**Comments:** On-site determination. Low-lying area along the Deschutes River. Low density residential to the west.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 6

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water.

**Percent (approx.) of the Wetland Visited:** 5

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/7/2010, 11/17/2010

**Wetland Mapping Code:** 41

**Investigator(s):** A. Capretti, A. Merrill, S. Hartung

**Size (acres):** 34.0

**Data Sheet Numbers:** SP 113

### Location

**Legal:** T 20 S R 10 E S 34 DD, T 20 S R 10 E S 35 BC, CC, T 21 S R 10 E S 2 BB

**Nearest Town:** Three Rivers

**Latitude:** 43.7892

**Other:** South of Mallard Dr, northwest of Silver Fox Dr on east side of Deschutes River

**Longitude:** -121.5030

**Basin:** Deschutes River

### Soils

**Mapped Series:** 29A: Cryaquolls, 0 to 3 percent slopes, 114C: Shanahan loamy coarse sand, 0 to 15 percent slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Flooding, seeps from forested hillside to the east, and overland flow. Roads in area often flooded in spring according to landowner information.

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEME, PSSE, PFOE

**Vegetation:** Pinus contorta (Lodgepole pine), Salix geyeriana (Geyer willow), Herbs: Carex nebrascensis (Nebraska sedge), Carex aquatilis (Water sedge), Poa sp. (grass)

**Comments:** On-site determination (41). Wetland/Upland Mosaic hummocks of slightly higher elevation and upland vegetation included in wetlands. A large island (included in wetland) in the Deschutes River created the excavation of a channel at the southeast end of the island. Portions of wetland are in a low-lying area at base of forested hill. Platted for residential development, but not fully built. Wetland includes previous DSL determination WD1994-0072. Three polygons assessed as one unit, all formerly united prior to excavation of cut-off channels. A log jam is obstructing the cut-off channel at the base of the northern polygon, according to nearby landowner information.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 39

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water in the Deschutes River.

**Percent (approx.) of the Wetland Visited:** 2

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 8/2009 and 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 3

**Goal 6 Water Quality Resource:** No

#### 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

# South Deschutes County Local Wetland Inventory

## — Wetland Summary Sheet —

**Date(s) of Field Verification:** 5/6/2010

**Wetland Mapping Code:** 42

**Investigator(s):** A. Capretti, A. Merrill

**Size (acres):** 34.8

**Data Sheet Numbers:** SP 110

### Location

**Legal:** T 20 S R 10 E S 34 DD, T 20 S R 10 E S 35 BC, T 21 S R 10 E S 3 AA, T 21 S R 10 E S 2 BB

**Nearest Town:** Three Rivers

**Latitude:** 43.7917

**Other:** East of Forest Ln on the west side of Deschutes River, includes large island

**Longitude:** -121.5096

**Basin:** Deschutes River

### Soils

**Mapped Series:** 9A Cryaquolls, 0 to 3 percents slopes, W: Water

### Hydrology

**Primary Hydrology Source(s):** Overland Flow

**Hydro-geomorphic (HGM) Classification(s):** Riverine Flow-Through

### Dominant Vegetation and Comments

**Cowardin Classification(s):** PEMC, PSSC, PFOC, R2UBH

**Vegetation:** Shrubs: *Salix exigua* (narrowleaf willow), Herbs: *Carex aquatilis* (Water sedge), *Carex nebrascensis* (Nebraska sedge)

**Comments:** On-site determination. Wetland/Upland Mosaic due to uneven terrain and dynamic floodplain conditions that have created uneven topography resulting in non-wetland/upland hummocks. Wetland includes large island formed by river meander. Four polygons assessed as one, united by a large oxbow west of Deschutes River main channel.

### Oregon Rapid Wetland Assessment Protocol (ORWAP)

**Approximate Size of the Assessment Area (AA) in acres:** 45

**AA as Percent of the Entire Wetland:** NA. This question was intended for cases where the AA is smaller than wetland. In this case, the AA included adjoining open water and large island.

**Percent (approx.) of the Wetland Visited:** 3

**Percent (approx.) of the AA Visited:** 1

**Month & Year of ORWAP Training Attended by Investigator(s):** 5/2010

**Number of Wetlands Assessed by Investigators Using ORWAP:** 2

**Goal 6 Water Quality Resource:** Yes

#### 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