

# Riparian Characterization Form



## Corvallis Riparian Inventory

### GENERAL INFORMATION

**Location of data point:** South end of Williams Field  
West of Conser Street

**GPS Location:** 44.5953 N 123.2382 W

**Date:** 10/3/2002

**Map Number:** N-11

**On-site:**  **Off-Site:**

**Riparian Code:** N-VIL-R-1 (L)

**Investigators:** SE / ME

**Reach Length:** 900 feet

**Hydrologic Basin:** VILLAGE GREEN

### WATER RESOURCE INFORMATION

**Water Resource:** Stream/River:  Width: 10-15 feet  
Lake/Pond:  Width: - feet  
Wetland:  Width: - feet

**LWI Wetland Code:** \_\_\_\_\_

**Water present year-round:** Yes  No

**Are salmonids present in the adjacent water resource?** Yes  No

**Is the water resource listed for temperature on DEQ's 303(d) list:** Yes  No

**Within FEMA-mapped 100-year floodplain:** Yes  No

**Mapped soil series:** Bashaw clay

**Adjacent Land Uses?** (Check as many as needed)

Agriculture:  Residential:  Undeveloped:   
Commercial/Indus.:  Roads:  Forestry:   
Other:

**Dominant tree species:** Populus trichocarpa

**Comments:** see next page

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**Average slope in the riparian area:** (Question 1)

<10:1 (10%)  Between 10:1 (10%) and 5:1 (20%)  >5:1 (20%)

**Extent of impervious surface within the riparian area.** (Question 4)

<10%  10% - 25%  >25%

**Is the stream or water resource constricted by man-made features?** (Question 8)

Yes  No

**Does the orientation of the riparian area allow for shading of the water resource at midday in summer?** (Question 9)

Yes  No

**Dominant vegetation layer within riparian area?** (Question 10)

Woody vegetation  Herbaceous vegetation  Bare ground

**Does woody vegetation hang over the edge of the water?** (Questions 11 & 14)

Yes  No

**Large woody debris in riparian area?** (Question 15)

Yes  No

**Percent of water resource bordered by vegetated riparian area at least 30 feet wide?** (Question 16)

>40%  10% - 40%  <10%

**Degree of development or human caused disturbance.** (Question 19)

<25%  25% - 75%  >75%

**How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area?** (Question 5)

low, slight moderate  high, very high, severe

**What is the dominant vegetation at the top of bank (if defined) or edge of water resource?** (Question 3)

Woody vegetation  Herbaceous vegetation  Bare ground

**Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource?** (Question 6)

Yes  No

**Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?**

Yes  No or no flood prone area present

**How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?**

More than 2  2 layers  1 layer or unvegetated

# Riparian Width Determination

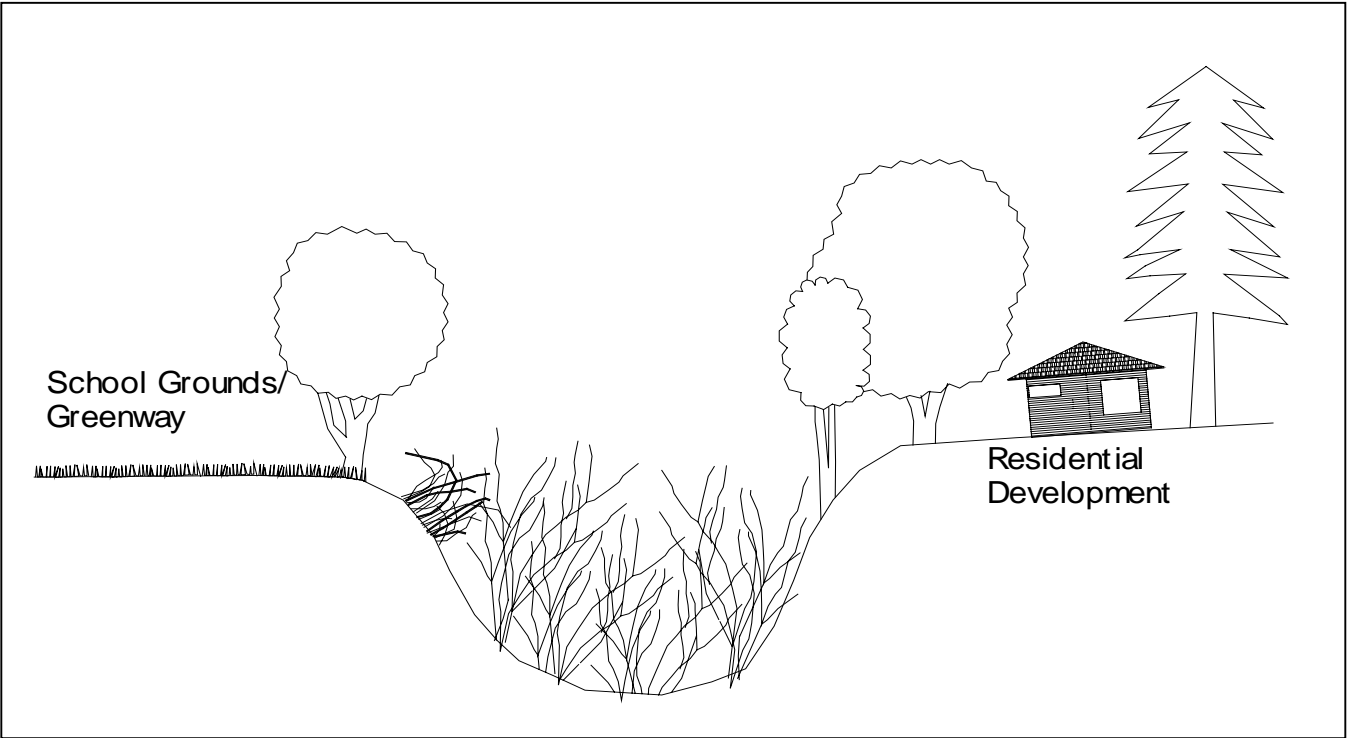


## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-1 (L)**

**Date:** 10/3/2002      **Investigators:** SE / ME  
**Dominant tree species:** *Populus trichocarpa*

**Comments:** Riparian area for Village Green Creek, which is located on the east and west sides of Conser Street. The left bank of the riparian area is relatively disturbed due to adjacent school property. Village Green Creek begins just south of the Jackson-Frasier Wetland area.  
DSL WD # 97-0506.



# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE

**N-VIL-R-1 (L)**

### WATER QUALITY

		Score
<b>1. What is the average slope in the riparian area?</b>		
a. Less than 10:1 (10%)	3 pts	<b>3</b>
b. Between 10:1 (10%) and 5:1 (20%)	2 pts	
c. Greater than 5:1 (20%)	1 pt	
<b>2. What is the dominant vegetation cover in the riparian area?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	<b>2</b>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	
c. Bare ground	1 pt	
<b>3. What is the dominant vegetation at the top of bank (if defined) or edge of water resource?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	<b>3</b>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	
c. Bare ground	1 pt	
<b>4. What is the extent of impervious surfaces within the riparian area?</b>		
a. Less than 10%	3 pts	<b>3</b>
b. Between 10% and 25%	2 pts	
c. Greater than 25%	1 pt	
<b>5. How does the Natural Resources Conservation Service (formerly Soil Conservation Service) soil survey rank the water erosion hazard of the dominant mapped unit in the riparian area? Select the highest water erosion hazard description if more than one is listed.</b>		
a. Low, slight, moderate	2 pts	<b>2</b>
b. High, severe, very high	1 pts	
<b>Total Points:</b>		<b>13</b>

Function:    **High (12-14 pts)**    **Medium (8-11 pts)**    **Low (5-7 pts)**

FUNCTION IS:    **HIGH**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-1 (L)**

### FLOOD MANAGEMENT

6. Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource?

Score

- a. Yes ..... 3 pts
- b. No ..... 1 pt

3

7. Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?

- a. Yes ..... 3 pts
- b. No or no flood prone area present ..... 1 pt

1

8. Is the stream or water resource constricted by man-made features (e.g. channelization, riprap, concrete wall)?

- a. No ..... 3 pts
- b. Yes ..... 1 pt

3

**Total Points:** 7

Function:    High (8-9 pts)    Medium (5-7 pts)    Low (3-4 pts)

**FUNCTION IS:** **MEDIUM**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-1 (L)**

### THERMAL REGULATION

9. Does the aspect or orientation of the riparian area allow for shading of water at midday in the summer?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

Score

**3**

10. What is the dominant vegetation layer in the riparian area?

- a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high ..... 3 pts
- b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high ..... 2 pts
- c. Bare ground ..... 1 pt

**2**

11. Does woody vegetation hang over the edge of the water?

- a. Yes ..... 2 pts
- b. No ..... 1 pt

**2**

Total Points:

**7**

Function: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)

FUNCTION IS:

**HIGH**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE

**N-VIL-R-1 (L)**

### WILDLIFE HABITAT

		Score
<b>12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?</b>		
a. More than 2 layers	3 pts	<u>3</u>
b. 2 layers	2 pts	
c. 1 layer, or unvegetated	1 pt	
<b>13. What is the dominant vegetation layer in the riparian area?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	<u>2</u>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	
c. Bare ground	1 pt	
<b>14. Does woody vegetation hang over the edge of the water?</b>		
a. Yes	2 pts	<u>2</u>
b. No	1 pt	
<b>15. Is large woody debris present within the riparian area?</b>		
a. Yes	3 pts	<u>1</u>
b. No	1 pt	
<b>16. What percent of the water resource edge is bordered by a vegetated riparian area at least 30 feet wide?</b>		
a. Greater than 40%	3 pts	<u>3</u>
b. Between 10% and 40%	2 pts	
c. Less than 10%	1 pt	

*Questions continued on next page*

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

### WILDLIFE HABITAT (continued)

RIPARIAN CODE

**N-VIL-R-1 (L)**

17. Is surface water present throughout the year?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

Score

**3**

18. Is there more than one type of water resource (e.g. stream, wetland, lake/pond) within or immediately adjacent to the riparian reach?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

**1**

19. What is the degree of development or human-caused disturbance (e.g. buildings, impervious surfaces, lawns, agriculture, trash) in the riparian area?

- a. Less than 25% ..... 3 pts
- b. Between 25% and 75% ..... 2 pts
- c. Greater than 75% ..... 1 pt

**2**

**Total Points:**

**17**

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

**FUNCTION IS:**

**MEDIUM**

**Corvallis Natural Features Inventory  
Supplemental Riparian Form**

**Basin:** VILLAGE GREEN      **Reach:** N-VIL-R-1L      **Size (acres):** 17.42  
**Map:** N-11      **Length (feet):** 900

**Dominant Cover Type:** HERBACEOUS

**ARA Cover Type:** Grass short (lawn, pasture)

**Other ARA Types:** NONE

**% of Total Cover:** Trees: 15    Shrubs: 25    Herbs/Vines: 40    Bare: 20

**Dominant Cover Type**

**At Edge of Water:** WOODY

**Edge of Water ARA Type:** Mixed Woodland 30-70% closed canopy

**Riparian System:** LOTIC

**Trees:**

Type: DECIDUOUS

Dominant Species: Black cottonwood (*Populus trichocarpa*)

Secondary Species: Oregon ash (*Fraxinus latifolia*), Oregon white oak (*Quercus garryana*)

% Total Cover:  <10%    10%-50%    50%-90%    >90%

% Invasive Cover:  <10%    10%-50%    50%-90%    >90%

% Native Cover:  <10%    10%-50%    50%-90%    >90%

**Shrubs/Sapling**

Type: DECIDUOUS

Dominant Species: Scouler willow (*Salix scouleriana*)

Secondary Species: rose (*Rosa* sp.), Red alder (*Alnus rubra*), Pacific willow (*Salix lasiandra*), Common snowberry (*Symphoricarpos albus*), Douglas' spirea (*Spiraea douglasii*), red-osier doawood (*Cornus stolonifera*)

% Total Cover:  <10%    10%-50%    50%-90%    >90%

% Invasive Cover:  <10%    10%-50%    50%-90%    >90%

% Native Cover:  <10%    10%-50%    50%-90%    >90%

**Herbaceous**

Type: DECIDUOUS

Dominant Species: tall fescue (*Festuca arundinacea*)

Secondary Species: teasel (*Dipsacus sylvestris*), reed canarygrass (*Phalaris arundinacea*), bentgrass (*Agrostis* sp.), Himalayan blackberry (*Rubus discolor*), evergreen blackberry (*Rubus laciniatus*), soft-stem bulrush *Scirpus validus*)

% Total Cover:  <10%    10%-50%    50%-90%    >90%

% Invasive Cover:  <10%    10%-50%    50%-90%    >90%

% Native Cover:  <10%    10%-50%    50%-90%    >90%

**Corvallis Natural Features Inventory  
Supplemental Riparian Form**

**Basin:** VILLAGE GREEN

**Map:** N-11

**Reach:** N-VIL-R-1L

**RTE Species**

ORNHIC Plant Community:  None Noted  Listed Community Noted

ORNHIC or Benton Co. NSP List  None Detected  Potential  Listed Species Detected

**Riparian Condition Assessment**

Land Use within: RESIDENTIAL

Land Use adjacent: RESIDENTIAL

Infrastructure Impingement: PARTIALLY IMPINGED

In Channel Alteration: MODERATELY ALTERED

LWD Recruitment Potential: MODERATE

Shade Potential: LOW

RCA Functional Designation: Nearly Fully Functional

**Restoration Potential**

Adjacent slopes of 15% or greater  <10%  10%-50%  50%-90  >90%

Undeveloped land within 50ft of top of bank  <10%  10%-50%  50%-90  >90%

Within 100-yr floodplain:  <10%  10%-50%  50%-90  >90%

Low quality wetlands or hydric soils:  <10%  10%-50%  50%-90  >90%

Adjacent landscape areas:  <10%  10%-50%  50%-90  >90%

Opportunities: Himalayan blackberry (*Rubus discolor*) REMOVAL, PLANTING TREES AND SHRUBS AT TOP OF BANK

Current Efforts NONE

**COMMENTS** WEST END INCLUDES OPEN SPACE ASSOCIATED WITH ADJACENT SCHOOL GROUNDS.

# Riparian Characterization Form



## Corvallis Riparian Inventory

### GENERAL INFORMATION

**Location of data point:** South end of Williams Field  
West of Conser Street

**GPS Location:** 44.5953 N 123.2382 W

**Date:** 10/3/2002

**Map Number:** N-11

**On-site:**  **Off-Site:**

**Riparian Code:** N-VIL-R-1 (R)

**Investigators:** SE / ME

**Reach Length:** 900 feet

**Hydrologic Basin:** VILLAGE GREEN

### WATER RESOURCE INFORMATION

<b>Water Resource:</b>	<b>Stream/River:</b> <input checked="" type="checkbox"/>	<b>Width:</b> <u>10-15</u> feet
	<b>Lake/Pond:</b> <input type="checkbox"/>	<b>Width:</b> <u>-</u> feet
	<b>Wetland:</b> <input checked="" type="checkbox"/>	<b>Width:</b> <u>36-2100</u> feet

**LWI Wetland Code:** N-VIL-W-3

**Water present year-round:** Yes  No

**Are salmonids present in the adjacent water resource?** Yes  No

**Is the water resource listed for temperature on DEQ's 303(d) list:** Yes  No

**Within FEMA-mapped 100-year floodplain:** Yes  No

**Mapped soil series:** Bashaw clay

**Adjacent Land Uses?** (Check as many as needed)

**Agriculture:**  **Residential:**  **Undeveloped:**   
**Commercial/Indus.:**  **Roads:**  **Forestry:**   
**Other:**

**Dominant tree species:** Populus trichocarpa

**Comments:** see next page

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**Average slope in the riparian area:** (Question 1)

<10:1 (10%)  Between 10:1 (10%) and 5:1 (20%)  >5:1 (20%)

**Extent of impervious surface within the riparian area.** (Question 4)

<10%  10% - 25%  >25%

**Is the stream or water resource constricted by man-made features?** (Question 8)

Yes  No

**Does the orientation of the riparian area allow for shading of the water resource at midday in summer?** (Question 9)

Yes  No

**Dominant vegetation layer within riparian area?** (Question 10)

Woody vegetation  Herbaceous vegetation  Bare ground

**Does woody vegetation hang over the edge of the water?** (Questions 11 & 14)

Yes  No

**Large woody debris in riparian area?** (Question 15)

Yes  No

**Percent of water resource bordered by vegetated riparian area at least 30 feet wide?** (Question 16)

>40%  10% - 40%  <10%

**Degree of development or human caused disturbance.** (Question 19)

<25%  25% - 75%  >75%

**How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area?** (Question 5)

low, slight moderate  high, very high, severe

**What is the dominant vegetation at the top of bank (if defined) or edge of water resource?** (Question 3)

Woody vegetation  Herbaceous vegetation  Bare ground

**Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource?** (Question 6)

Yes  No

**Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?**

Yes  No or no flood prone area present

**How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?**

More than 2  2 layers  1 layer or unvegetated

# Riparian Width Determination

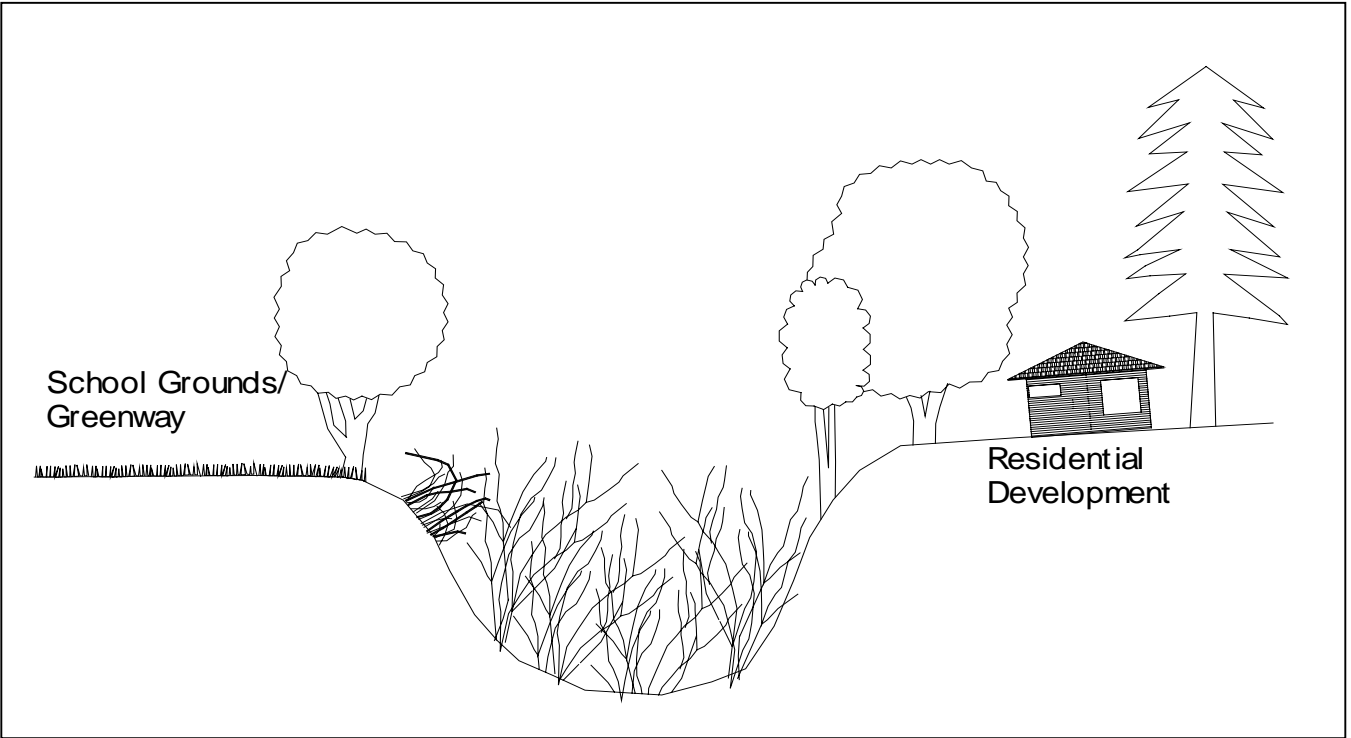


## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-1 (R)**

**Date:** 10/3/2002      **Investigators:** SE / ME  
**Dominant tree species:** *Populus trichocarpa*

**Comments:** Riparian area for Village Green Creek, which is located on the east and west sides of Conser Street. The right bank of the riparian area is relatively disturbed due to adjacent residential development. Village Green Creek begins just south of the Jackson-Frasier Wetland area.  
DSL WD # 97-0506.



# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE

**N-VIL-R-1 (R)**

### WATER QUALITY

		Score
<b>1. What is the average slope in the riparian area?</b>		
a. Less than 10:1 (10%) .....	3 pts	<b>3</b>
b. Between 10:1 (10%) and 5:1 (20%) .....	2 pts	
c. Greater than 5:1 (20%) .....	1 pt	
<b>2. What is the dominant vegetation cover in the riparian area?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high .....	3 pts	<b>3</b>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high .....	2 pts	
c. Bare ground .....	1 pt	
<b>3. What is the dominant vegetation at the top of bank (if defined) or edge of water resource?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high .....	3 pts	<b>3</b>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high .....	2 pts	
c. Bare ground .....	1 pt	
<b>4. What is the extent of impervious surfaces within the riparian area?</b>		
a. Less than 10% .....	3 pts	<b>3</b>
b. Between 10% and 25% .....	2 pts	
c. Greater than 25% .....	1 pt	
<b>5. How does the Natural Resources Conservation Service (formerly Soil Conservation Service) soil survey rank the water erosion hazard of the dominant mapped unit in the riparian area? Select the highest water erosion hazard description if more than one is listed.</b>		
a. Low, slight, moderate .....	2 pts	<b>2</b>
b. High, severe, very high .....	1 pts	
<b>Total Points:</b>		<b>14</b>

**Function:**    High (12-14 pts)    Medium (8-11 pts)    Low (5-7 pts)

**FUNCTION IS:**    **HIGH**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-1 (R)**

### FLOOD MANAGEMENT

6. Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource?

Score

- a. Yes ..... 3 pts
- b. No ..... 1 pt

3

7. Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?

- a. Yes ..... 3 pts
- b. No or no flood prone area present ..... 1 pt

3

8. Is the stream or water resource constricted by man-made features (e.g. channelization, riprap, concrete wall)?

- a. No ..... 3 pts
- b. Yes ..... 1 pt

3

**Total Points:** 9

Function:    High (8-9 pts)    Medium (5-7 pts)    Low (3-4 pts)

**FUNCTION IS:** **HIGH**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-1 (R)**

### THERMAL REGULATION

9. Does the aspect or orientation of the riparian area allow for shading of water at midday in the summer?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

Score

**3**

10. What is the dominant vegetation layer in the riparian area?

- a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high ..... 3 pts
- b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high ..... 2 pts
- c. Bare ground ..... 1 pt

**3**

11. Does woody vegetation hang over the edge of the water?

- a. Yes ..... 2 pts
- b. No ..... 1 pt

**2**

Total Points:

**8**

Function:    High (7-8 pts)    Medium (5-6 pts)    Low (3-4 pts)

FUNCTION IS:

**HIGH**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE

**N-VIL-R-1 (R)**

### WILDLIFE HABITAT

		Score
<b>12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?</b>		
a. More than 2 layers	3 pts	<u>3</u>
b. 2 layers	2 pts	
c. 1 layer, or unvegetated	1 pt	
<b>13. What is the dominant vegetation layer in the riparian area?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	<u>3</u>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	
c. Bare ground	1 pt	
<b>14. Does woody vegetation hang over the edge of the water?</b>		
a. Yes	2 pts	<u>2</u>
b. No	1 pt	
<b>15. Is large woody debris present within the riparian area?</b>		
a. Yes	3 pts	<u>1</u>
b. No	1 pt	
<b>16. What percent of the water resource edge is bordered by a vegetated riparian area at least 30 feet wide?</b>		
a. Greater than 40%	3 pts	<u>3</u>
b. Between 10% and 40%	2 pts	
c. Less than 10%	1 pt	

*Questions continued on next page*

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

### WILDLIFE HABITAT (continued)

RIPARIAN CODE

**N-VIL-R-1 (R)**

17. Is surface water present throughout the year?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

Score

**3**

18. Is there more than one type of water resource (e.g. stream, wetland, lake/pond) within or immediately adjacent to the riparian reach?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

**3**

19. What is the degree of development or human-caused disturbance (e.g. buildings, impervious surfaces, lawns, agriculture, trash) in the riparian area?

- a. Less than 25% ..... 3 pts
- b. Between 25% and 75% ..... 2 pts
- c. Greater than 75% ..... 1 pt

**2**

**Total Points:**

**20**

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

**FUNCTION IS:**

**HIGH**

**Corvallis Natural Features Inventory  
Supplemental Riparian Form**

**Basin:** VILLAGE GREEN      **Reach:** N-VIL-R-1R      **Size (acres):** 17.42  
**Map:** N-11      **Length (feet):** 900

**Dominant Cover Type:** BARE  
**ARA Cover Type:** developed  
**Other ARA Types** Grass short (lawn, pasture)  
**% of Total Cover** **Trees:** 15    **Shrubs** 15    **Herbs/Vines** 35    **Bare:** 35  
**Dominant Cover Type**  
**At Edge of Water:** WOODY  
**Edge of Water ARA Type** Mixed Woodland 30-70% closed canopy  
**Riparian System:** LOTIC

**Trees:**  
Type: DECIDUOUS  
Dominant Species: Black cottonwood (*Populus trichocarpa*)  
Secondary Species: Oregon ash (*Fraxinus latifolia*), Oregon white oak (*Quercus garryanna*)  
  
% Total Cover:     <10%     10%-50%     50%-90     >90%  
% Invasive Cover:  <10%     10%-50%     50%-90     >90%  
% Native Cover:     <10%     10%-50%     50%-90     >90%

**Shrubs/Sapling**  
Type: DECIDUOUS  
Dominant Species: Scouler willow (*Salix scouleriana*)  
Secondary Species: rose (*Rosa* sp.), Red alder (*Alnus rubra*), Pacific willow (*Salix lasiandra*), Common snowberry (*Symphoricarpos albus*), Douglas' spirea (*Spiraea douglasii*), red-osier doawood (*Cornus stolonifera*)  
  
% Total Cover:     <10%     10%-50%     50%-90     >90%  
% Invasive Cover:  <10%     10%-50%     50%-90     >90%  
% Native Cover:     <10%     10%-50%     50%-90     >90%

**Herbaceous**  
Type: DECIDUOUS  
Dominant Species: tall fescue (*Festuca arundinacea*)  
Secondary Species: teasel (*Dipsacus sylvestris*), reed canarygrass (*Phalaris arundinacea*), bentgrass (*Agrostis* sp.), Himalayan blackberry (*Rubus discolor*), evergreen blackberry (*Rubus laciniatus*), soft-stem bulrush *Scirpus validus*)  
  
% Total Cover:     <10%     10%-50%     50%-90     >90%  
% Invasive Cover:  <10%     10%-50%     50%-90     >90%  
% Native Cover:     <10%     10%-50%     50%-90     >90%

**Corvallis Natural Features Inventory  
Supplemental Riparian Form**

**Basin:** VILLAGE GREEN

**Map:** N-11

**Reach:** N-VIL-R-1R

**RTE Species**

ORNHIC Plant Community:  None Noted  Listed Community Noted

ORNHIC or Benton Co. NSP List  None Detected  Potential  Listed Species Detected

**Riparian Condition Assessment**

Land Use within: RESIDENTIAL

Land Use adjacent: RESIDENTIAL

Infrastructure Impingement: PARTIALLY IMPINGED

In Channel Alteration: MODERATELY ALTERED

LWD Recruitment Potential: MODERATE

Shade Potential: MODERATE

RCA Functional Designation: Nearly Fully Functional

**Restoration Potential**

Adjacent slopes of 15% or greater  <10%  10%-50%  50%-90  >90%

Undeveloped land within 50ft of top of bank  <10%  10%-50%  50%-90  >90%

Within 100-yr floodplain:  <10%  10%-50%  50%-90  >90%

Low quality wetlands or hydric soils:  <10%  10%-50%  50%-90  >90%

Adjacent landscape areas:  <10%  10%-50%  50%-90  >90%

Opportunities: Himalayan blackberry (*Rubus discolor*) REMOVAL, PLANTING TREES AND SHRUBS AT TOP OF BANK.

Current Efforts NONE

**COMMENTS** RESIDENTIAL AREA

# Riparian Characterization Form



## Corvallis Riparian Inventory

### GENERAL INFORMATION

**Location of data point:** South of Jackson-Frazier Wetland  
east of Lancaster Street

**GPS Location:** 44.6007 N 123.2417 W

**Date:** 10/3/2002

**Map Number:** N-9

**On-site:**  **Off-Site:**

**Riparian Code:** N-VIL-R-2 (L)

**Investigators:** SE / ME

**Reach Length:** 2700 feet

**Hydrologic Basin:** VILLAGE GREEN

### WATER RESOURCE INFORMATION

**Water Resource:**

Stream/River:	<input checked="" type="checkbox"/>
Lake/Pond:	<input type="checkbox"/>
Wetland:	<input checked="" type="checkbox"/>

**Width:** 10 - 15 feet  
**Width:** - feet  
**Width:** 275 feet

**LWI Wetland Code:** N-VIL-M70-1

**Water present year-round:** Yes  No

**Are salmonids present in the adjacent water resource?** Yes  No

**Is the water resource listed for temperature on DEQ's 303(d) list:** Yes  No

**Within FEMA-mapped 100-year floodplain:** Yes  No

**Mapped soil series:** Bashaw clay

**Adjacent Land Uses?** (Check as many as needed)

Agriculture:  Residential:  Undeveloped:   
Commercial/Indus.:  Roads:  Forestry:   
Other:

**Dominant tree species:** Populus trichocarpa

**Comments:** see next page

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**Average slope in the riparian area:** (Question 1)

<10:1 (10%)  Between 10:1 (10%) and 5:1 (20%)  >5:1 (20%)

**Extent of impervious surface within the riparian area.** (Question 4)

<10% 10% - 25%  >25%

**Is the stream or water resource constricted by man-made features?** (Question 8)

Yes  No

**Does the orientation of the riparian area allow for shading of the water resource at midday in summer?** (Question 9)

Yes  No

**Dominant vegetation layer within riparian area?** (Question 10)

Woody vegetation  Herbaceous vegetation  Bare ground

**Does woody vegetation hang over the edge of the water?** (Questions 11 & 14)

Yes  No

**Large woody debris in riparian area?** (Question 15)

Yes  No

**Percent of water resource bordered by vegetated riparian area at least 30 feet wide?** (Question 16)

>40%  10% - 40%  <10%

**Degree of development or human caused disturbance.** (Question 19)

<25%  25% - 75%  >75%

**How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area?** (Question 5)

low, slight moderate  high, very high, severe

**What is the dominant vegetation at the top of bank (if defined) or edge of water resource?** (Question 3)

Woody vegetation  Herbaceous vegetation  Bare ground

**Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource?** (Question 6)

Yes  No

**Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?**

Yes  No or no flood prone area present

**How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?**

More than 2  2 layers  1 layer or unvegetated

# Riparian Width Determination

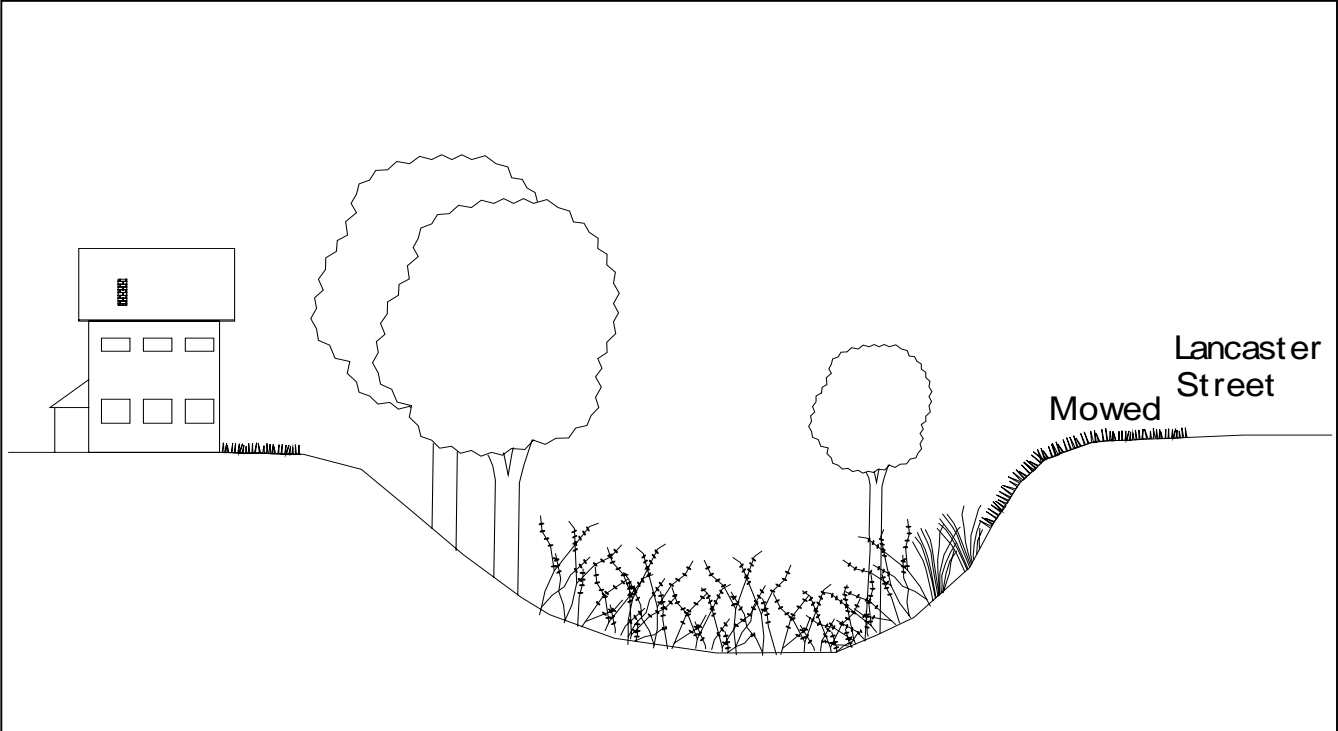


## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-2 (L)**

**Date:** 10/3/2002      **Investigators:** SE / ME  
**Dominant tree species:** *Populus trichocarpa*

**Comments:** Riparian section begins at south edge of Jackson-Frazier Wetland. The left bank of the riparian area includes residential development and roads.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE

**N-VIL-R-2 (L)**

## WATER QUALITY

		Score
<b>1. What is the average slope in the riparian area?</b>		
a. Less than 10:1 (10%)	3 pts	<b>3</b>
b. Between 10:1 (10%) and 5:1 (20%)	2 pts	
c. Greater than 5:1 (20%)	1 pt	
<b>2. What is the dominant vegetation cover in the riparian area?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	<b>1</b>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	
c. Bare ground	1 pt	
<b>3. What is the dominant vegetation at the top of bank (if defined) or edge of water resource?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	<b>3</b>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	
c. Bare ground	1 pt	
<b>4. What is the extent of impervious surfaces within the riparian area?</b>		
a. Less than 10%	3 pts	<b>2</b>
b. Between 10% and 25%	2 pts	
c. Greater than 25%	1 pt	
<b>5. How does the Natural Resources Conservation Service (formerly Soil Conservation Service) soil survey rank the water erosion hazard of the dominant mapped unit in the riparian area? Select the highest water erosion hazard description if more than one is listed.</b>		
a. Low, slight, moderate	2 pts	<b>2</b>
b. High, severe, very high	1 pts	
<b>Total Points:</b>		<b>11</b>

Function:    **High (12-14 pts)**    **Medium (8-11 pts)**    **Low (5-7 pts)**

FUNCTION IS:    **MEDIUM**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-2 (L)**

### FLOOD MANAGEMENT

	Score
<p><b>6. Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource?</b></p> <p>a. Yes ..... 3 pts</p> <p>b. No ..... 1 pt</p>	<p><b>3</b></p> <hr/>
<p><b>7. Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?</b></p> <p>a. Yes ..... 3 pts</p> <p>b. No or no flood prone area present ..... 1 pt</p>	<p><b>1</b></p> <hr/>
<p><b>8. Is the stream or water resource constricted by man-made features (e.g. channelization, riprap, concrete wall)?</b></p> <p>a. No ..... 3 pts</p> <p>b. Yes ..... 1 pt</p>	<p><b>1</b></p> <hr/>
<b>Total Points:</b>	<p><b>5</b></p> <hr/>

**Function:**    High (8-9 pts)    Medium (5-7 pts)    Low (3-4 pts)

**FUNCTION IS:**    **MEDIUM**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-2 (L)**

### THERMAL REGULATION

9. Does the aspect or orientation of the riparian area allow for shading of water at midday in the summer?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

Score

**3**

10. What is the dominant vegetation layer in the riparian area?

- a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high ..... 3 pts
- b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high ..... 2 pts
- c. Bare ground ..... 1 pt

**1**

11. Does woody vegetation hang over the edge of the water?

- a. Yes ..... 2 pts
- b. No ..... 1 pt

**2**

Total Points:

**6**

Function: High (7-8 pts) Medium (5-6 pts) Low (3-4 pts)

FUNCTION IS:

**MEDIUM**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE

**N-VIL-R-2 (L)**

### WILDLIFE HABITAT

		Score
<b>12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?</b>		
a. More than 2 layers	3 pts	<u>2</u>
b. 2 layers	2 pts	
c. 1 layer, or unvegetated	1 pt	
<b>13. What is the dominant vegetation layer in the riparian area?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	<u>1</u>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	
c. Bare ground	1 pt	
<b>14. Does woody vegetation hang over the edge of the water?</b>		
a. Yes	2 pts	<u>2</u>
b. No	1 pt	
<b>15. Is large woody debris present within the riparian area?</b>		
a. Yes	3 pts	<u>1</u>
b. No	1 pt	
<b>16. What percent of the water resource edge is bordered by a vegetated riparian area at least 30 feet wide?</b>		
a. Greater than 40%	3 pts	<u>3</u>
b. Between 10% and 40%	2 pts	
c. Less than 10%	1 pt	

*Questions continued on next page*

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE

**N-VIL-R-2 (L)**

### WILDLIFE HABITAT (continued)

17. Is surface water present throughout the year?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

Score

**3**

18. Is there more than one type of water resource (e.g. stream, wetland, lake/pond) within or immediately adjacent to the riparian reach?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

**3**

19. What is the degree of development or human-caused disturbance (e.g. buildings, impervious surfaces, lawns, agriculture, trash) in the riparian area?

- a. Less than 25% ..... 3 pts
- b. Between 25% and 75% ..... 2 pts
- c. Greater than 75% ..... 1 pt

**1**

**Total Points:**

**16**

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

**FUNCTION IS:**

**MEDIUM**

**Corvallis Natural Features Inventory  
Supplemental Riparian Form**

**Basin:** VILLAGE GREEN

**Reach:** N-VIL-R-2L

**Size (acres):** 15.77

**Map:** N-9

**Length (feet):** 2700

**Dominant Cover Type:** BARE

**ARA Cover Type:** developed

**Other ARA Types** Grass tall (ryegrass, meadow)

**% of Total Cover** Trees: 5    Shrubs 10    Herbs/Vines 35    Bare: 50

**Dominant Cover Type**

**At Edge of Water:** WOODY

**Edge of Water ARA Type** Shrubs wetland, seasonally

**Riparian System:** LOTIC

**Trees:**

Type: DECIDUOUS

Dominant Species: Black cottonwood (*Populus trichocarpa*)

Secondary Species: NONE

% Total Cover:  <10%    10%-50%    50%-90    >90%

% Invasive Cover:  <10%    10%-50%    50%-90    >90%

% Native Cover:  <10%    10%-50%    50%-90    >90%

**Shrubs/Sapling**

Type: DECIDUOUS

Dominant Species: Pacific willow (*Salix lasiandra*)

Secondary Species: rose (*Rosa* sp.), Sitka willow (*Salix sitchensis*)

% Total Cover:  <10%    10%-50%    50%-90    >90%

% Invasive Cover:  <10%    10%-50%    50%-90    >90%

% Native Cover:  <10%    10%-50%    50%-90    >90%

**Herbaceous**

Type: DECIDUOUS

Dominant Species: tall fescue (*Festuca arundinacea*)

Secondary Species: Queen Anne's lace (*Daucus carota*), field mint (*Mentha arvensis*), curly dock (*Rumex crispus*), cattail (*Typha* sp.), slough sedge (*Carex obnupta*), soft rush (*Juncus effusus*)

% Total Cover:  <10%    10%-50%    50%-90    >90%

% Invasive Cover:  <10%    10%-50%    50%-90    >90%

% Native Cover:  <10%    10%-50%    50%-90    >90%

**Corvallis Natural Features Inventory  
Supplemental Riparian Form**

**Basin:** VILLAGE GREEN

**Map:** N-9

**Reach:** N-VIL-R-2L

**RTE Species**

ORNHIC Plant Community:  None Noted  Listed Community Noted

ORNHIC or Benton Co. NSP List  None Detected  Potential  Listed Species Detected

**Riparian Condition Assessment**

Land Use within: RESIDENTIAL

Land Use adjacent: RESIDENTIAL

Infrastructure Impingement: PARTIALLY IMPINGED

In Channel Alteration: MODERATELY ALTERED

LWD Recruitment Potential: NONE

Shade Potential: NONE

RCA Functional Designation: Partially Functional

**Restoration Potential**

Adjacent slopes of 15% or greater  <10%  10%-50%  50%-90  >90%

Undeveloped land within 50ft of top of bank  <10%  10%-50%  50%-90  >90%

Within 100-yr floodplain:  <10%  10%-50%  50%-90  >90%

Low quality wetlands or hydric soils:  <10%  10%-50%  50%-90  >90%

Adjacent landscape areas:  <10%  10%-50%  50%-90  >90%

Opportunities: PLANT TREES AND SHRUBS WITHIN RIPARIAN AREA

Current Efforts NONE

**COMMENTS** THIS PORTION OF TE RIPARIAN CORRIDOR IS LACKING TREES AND SHRUBS ON PART OF THE LEFT SIDE AND ALL OF THE RIGHT SIDE.

# Riparian Characterization Form



## Corvallis Riparian Inventory

### GENERAL INFORMATION

**Location of data point:** South of Jackson-Frazier Wetland  
east of Lancaster Street

**GPS Location:** 44.6007 N 123.2417 W

**Date:** 10/3/2002

**Map Number:** N-9

**On-site:**  **Off-Site:**

**Riparian Code:** N-VIL-R-2(R)

**Investigators:** SE / ME

**Reach Length:** 2700 feet

**Hydrologic Basin:** VILLAGE GREEN

### WATER RESOURCE INFORMATION

**Water Resource:** Stream/River:  Width: 10 - 15 feet  
Lake/Pond:  Width: - feet  
Wetland:  Width: 100 feet

**LWI Wetland Code:** N-VIL-W-2

**Water present year-round:** Yes  No

**Are salmonids present in the adjacent water resource?** Yes  No

**Is the water resource listed for temperature on DEQ's 303(d) list:** Yes  No

**Within FEMA-mapped 100-year floodplain:** Yes  No

**Mapped soil series:** Bashaw clay

**Adjacent Land Uses?** (Check as many as needed)

Agriculture:  Residential:  Undeveloped:   
Commercial/Indus.:  Roads:  Forestry:   
Other:

**Dominant tree species:** Populus trichocarpa

**Comments:** see next page

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**Average slope in the riparian area:** (Question 1)

<10:1 (10%)  Between 10:1 (10%) and 5:1 (20%)  >5:1 (20%)

**Extent of impervious surface within the riparian area.** (Question 4)

<10% 10% - 25%  >25%

**Is the stream or water resource constricted by man-made features?** (Question 8)

Yes  No

**Does the orientation of the riparian area allow for shading of the water resource at midday in summer?** (Question 9)

Yes  No

**Dominant vegetation layer within riparian area?** (Question 10)

Woody vegetation  Herbaceous vegetation  Bare ground

**Does woody vegetation hang over the edge of the water?** (Questions 11 & 14)

Yes  No

**Large woody debris in riparian area?** (Question 15)

Yes  No

**Percent of water resource bordered by vegetated riparian area at least 30 feet wide?** (Question 16)

>40%  10% - 40%  <10%

**Degree of development or human caused disturbance.** (Question 19)

<25%  25% - 75%  >75%

**How does the NRCS soil survey rank water erosion hazard of the dominant mapped unit in the Riparian Area?** (Question 5)

low, slight moderate  high, very high, severe

**What is the dominant vegetation at the top of bank (if defined) or edge of water resource?** (Question 3)

Woody vegetation  Herbaceous vegetation  Bare ground

**Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource?** (Question 6)

Yes  No

**Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?**

Yes  No or no flood prone area present

**How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?**

More than 2  2 layers  1 layer or unvegetated

# Riparian Width Determination

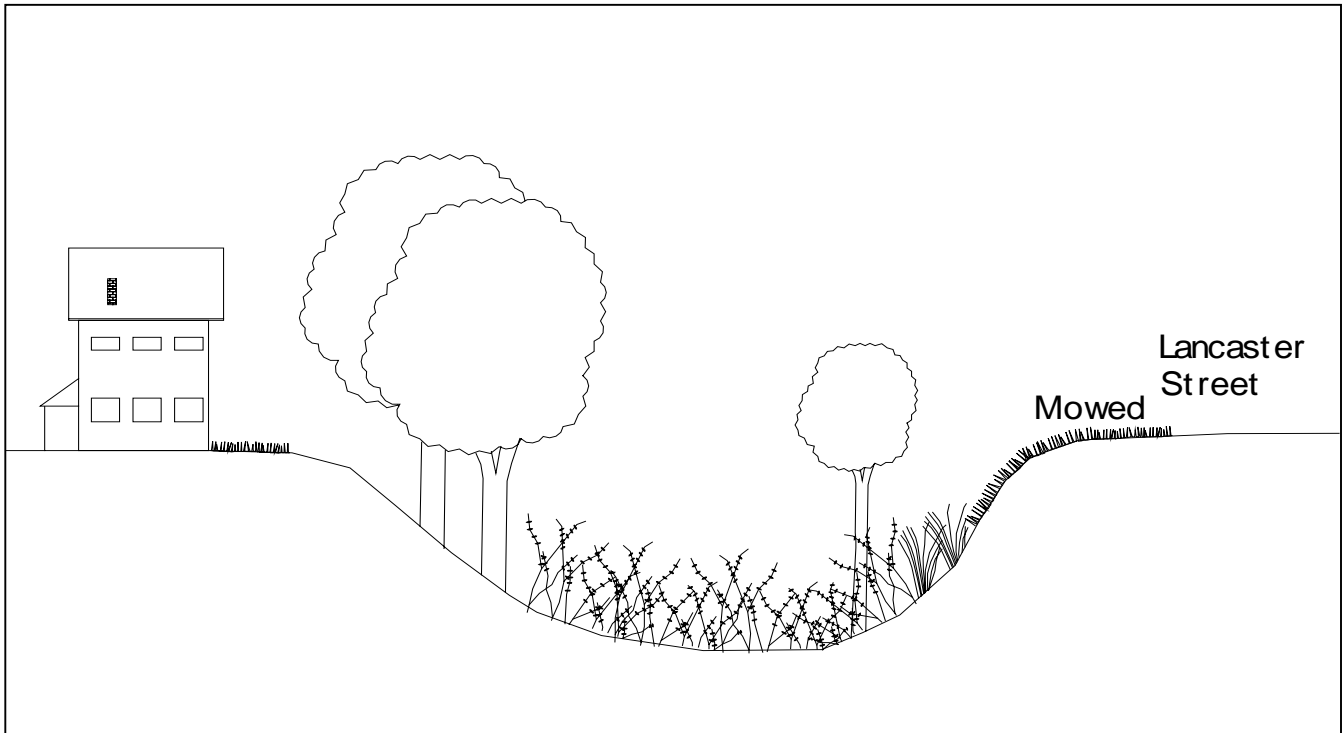


## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-2(R)**

Date: 10/3/2002 Investigators: SE / ME  
Dominant tree species: *Populus trichocarpa*

Comments: Riparian section begins at south edge of Jackson-Frazier Wetland. The right bank of the riparian area includes a mowed and maintained grass area and road.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE

**N-VIL-R-2(R)**

### WATER QUALITY

		Score
<b>1. What is the average slope in the riparian area?</b>		
a. Less than 10:1 (10%) .....	3 pts	<b>3</b>
b. Between 10:1 (10%) and 5:1 (20%) .....	2 pts	
c. Greater than 5:1 (20%) .....	1 pt	
<b>2. What is the dominant vegetation cover in the riparian area?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high .....	3 pts	<b>1</b>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high .....	2 pts	
c. Bare ground .....	1 pt	
<b>3. What is the dominant vegetation at the top of bank (if defined) or edge of water resource?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high .....	3 pts	<b>2</b>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high .....	2 pts	
c. Bare ground .....	1 pt	
<b>4. What is the extent of impervious surfaces within the riparian area?</b>		
a. Less than 10% .....	3 pts	<b>2</b>
b. Between 10% and 25% .....	2 pts	
c. Greater than 25% .....	1 pt	
<b>5. How does the Natural Resources Conservation Service (formerly Soil Conservation Service) soil survey rank the water erosion hazard of the dominant mapped unit in the riparian area? Select the highest water erosion hazard description if more than one is listed.</b>		
a. Low, slight, moderate .....	2 pts	<b>2</b>
b. High, severe, very high .....	1 pts	
<b>Total Points:</b>		<b>10</b>

Function:    High (12-14 pts)    Medium (8-11 pts)    Low (5-7 pts)

FUNCTION IS:    **MEDIUM**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-2(R)**

### FLOOD MANAGEMENT

6. Are there flood prone areas (adjacent flat areas, depressions, swales, FEMA mapped 100-year floodplain, etc.) beyond the top of bank or edge of the water resource?

Score

- a. Yes ..... 3 pts
- b. No ..... 1 pt

3

7. Is woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high dominant in the flood prone riparian area?

- a. Yes ..... 3 pts
- b. No or no flood prone area present ..... 1 pt

1

8. Is the stream or water resource constricted by man-made features (e.g. channelization, riprap, concrete wall)?

- a. No ..... 3 pts
- b. Yes ..... 1 pt

1

**Total Points:** 5

Function:    High (8-9 pts)    Medium (5-7 pts)    Low (3-4 pts)

**FUNCTION IS:** **MEDIUM**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE  
**N-VIL-R-2(R)**

### THERMAL REGULATION

9. Does the aspect or orientation of the riparian area allow for shading of water at midday in the summer?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

Score

**3**

10. What is the dominant vegetation layer in the riparian area?

- a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high ..... 3 pts
- b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high ..... 2 pts
- c. Bare ground ..... 1 pt

**1**

11. Does woody vegetation hang over the edge of the water?

- a. Yes ..... 2 pts
- b. No ..... 1 pt

**2**

Total Points:

**6**

Function:    High (7-8 pts)    Medium (5-6 pts)    Low (3-4 pts)

FUNCTION IS:

**MEDIUM**

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE

**N-VIL-R-2(R)**

### WILDLIFE HABITAT

		Score
<b>12. How many vegetation layers (i.e. canopy, mid-story, groundcover) are present?</b>		
a. More than 2 layers	3 pts	<u>1</u>
b. 2 layers	2 pts	
c. 1 layer, or unvegetated	1 pt	
<b>13. What is the dominant vegetation layer in the riparian area?</b>		
a. Woody vegetation (trees, shrubs, vines) greater than 1 meter (3.2 feet) high	3 pts	<u>1</u>
b. Herbaceous vegetation or woody vegetation less than 1 meter (3.2 feet) high	2 pts	
c. Bare ground	1 pt	
<b>14. Does woody vegetation hang over the edge of the water?</b>		
a. Yes	2 pts	<u>2</u>
b. No	1 pt	
<b>15. Is large woody debris present within the riparian area?</b>		
a. Yes	3 pts	<u>1</u>
b. No	1 pt	
<b>16. What percent of the water resource edge is bordered by a vegetated riparian area at least 30 feet wide?</b>		
a. Greater than 40%	3 pts	<u>3</u>
b. Between 10% and 40%	2 pts	
c. Less than 10%	1 pt	

*Questions continued on next page*

# Riparian Functional Assessment Answer Sheet



## Corvallis Riparian Inventory

RIPARIAN CODE

**N-VIL-R-2(R)**

### WILDLIFE HABITAT (continued)

17. Is surface water present throughout the year?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

Score

**3**

18. Is there more than one type of water resource (e.g. stream, wetland, lake/pond) within or immediately adjacent to the riparian reach?

- a. Yes ..... 3 pts
- b. No ..... 1 pt

**3**

19. What is the degree of development or human-caused disturbance (e.g. buildings, impervious surfaces, lawns, agriculture, trash) in the riparian area?

- a. Less than 25% ..... 3 pts
- b. Between 25% and 75% ..... 2 pts
- c. Greater than 75% ..... 1 pt

**1**

**Total Points:**

**15**

Function: High (19-23 pts) Medium (13-18 pts) Low (8-12 pts)

**FUNCTION IS:**

**MEDIUM**

**Corvallis Natural Features Inventory  
Supplemental Riparian Form**

**Basin:** VILLAGE GREEN

**Reach:** N-VIL-R-2R

**Size (acres):** 15.77

**Map:** N-9

**Length (feet):** 2700

**Dominant Cover Type:** BARE

**ARA Cover Type:** developed

**Other ARA Types** Grass tall (ryegrass, meadow)

**% of Total Cover** Trees: 5    Shrubs 10    Herbs/Vines 35    Bare: 50

**Dominant Cover Type**

**At Edge of Water:** HERBACEOUS

**Edge of Water ARA Type** Emergent wetland (seasonal)

**Riparian System:** LOTIC

**Trees:**

Type: DECIDUOUS

Dominant Species: Black cottonwood (*Populus trichocarpa*)

Secondary Species: NONE

% Total Cover:  <10%    10%-50%    50%-90    >90%

% Invasive Cover:  <10%    10%-50%    50%-90    >90%

% Native Cover:  <10%    10%-50%    50%-90    >90%

**Shrubs/Sapling**

Type: DECIDUOUS

Dominant Species: Pacific willow (*Salix lasiandra*)

Secondary Species: rose (*Rosa* sp.), Sitka willow (*Salix sitchensis*)

% Total Cover:  <10%    10%-50%    50%-90    >90%

% Invasive Cover:  <10%    10%-50%    50%-90    >90%

% Native Cover:  <10%    10%-50%    50%-90    >90%

**Herbaceous**

Type: DECIDUOUS

Dominant Species: tall fescue (*Festuca arundinacea*)

Secondary Species: Queen Anne's lace (*Daucus carota*), field mint (*Mentha arvensis*), curly dock (*Rumex crispus*), cattail (*Typha* sp.), slough sedge (*Carex obnupta*), soft rush (*Juncus effusus*)

% Total Cover:  <10%    10%-50%    50%-90    >90%

% Invasive Cover:  <10%    10%-50%    50%-90    >90%

% Native Cover:  <10%    10%-50%    50%-90    >90%

**Corvallis Natural Features Inventory  
Supplemental Riparian Form**

**Basin:** VILLAGE GREEN

**Map:** N-9

**Reach:** N-VIL-R-2R

**RTE Species**

ORNHIC Plant Community:  None Noted  Listed Community Noted

ORNHIC or Benton Co. NSP List  None Detected  Potential  Listed Species Detected

**Riparian Condition Assessment**

Land Use within: RESIDENTIAL

Land Use adjacent: RESIDENTIAL

Infrastructure Impingement: PARTIALLY IMPINGED

In Channel Alteration: MODERATELY ALTERED

LWD Recruitment Potential: NONE

Shade Potential: NONE

RCA Functional Designation: Partially Functional

**Restoration Potential**

Adjacent slopes of 15% or greater  <10%  10%-50%  50%-90  >90%

Undeveloped land within 50ft of top of bank  <10%  10%-50%  50%-90  >90%

Within 100-yr floodplain:  <10%  10%-50%  50%-90  >90%

Low quality wetlands or hydric soils:  <10%  10%-50%  50%-90  >90%

Adjacent landscape areas:  <10%  10%-50%  50%-90  >90%

Opportunities: PLANT TREES AND SHRUBS WITHIN RIPARIAN AREA

Current Efforts NONE

**COMMENTS** THIS PORTION OF TE RIPARIAN CORRIDOR IS LACKING TREES AND SHRUBS ON PART OF THE LEFT SIDE AND ALL OF THE RIGHT SIDE.