PORTLAND PARKS & RECREATION
Healthy Parks, Healthy Portland

Riparian Habitat Condition Assessment

Johnson Creek Park

Report Date: 4/12/2007

Reach ID: **rJNCK*2** Survey date: 6/22/06 Length: 318 feet along Johnson Creek

EPA Rapid Assessment Scores

Epifaunal Substrate/ Available Cover:	6 /20
Embeddedness: *(high gradient)*	12 /20
Velocity/Depth Regimes: *(high gradient)*	13 /20
Sediment Deposition:	10 /20
Channel Flow Status:	16 /20
Channel Alteration:	15 /20
Frequency of Riffles or Bends: *(high gradient)*	12 /20
Bank Stability	
Left Bank:	8 /10
Right Bank:	6 /10
Vegetative Protection	
Left Bank:	5 /10
Right Bank:	4 /10
Riparian Vegetation Zone Width	
Left Bank:	10 /10
Right Bank:	4 /10

Total Score: 121 /200
Overall Condition:
Good

Supplemental Information

Vegetative Stream Shading
Left Bank: 50%
Right Bank: 50%

Riparian Vegetative Buffer Width
Left Bank: not recorded
Right Bank: not recorded

Bank Slope
Left Bank: not recorded
Right Bank: not recorded

Large Woody Debris count
Small *(diameter 10 cm. to 30 cm.)*
not recorded
Medium *(diameter 30 cm. to 60 cm.)*
not recorded
Large *(diameter >60 cm.)*
not recorded
Has LWD been placed?
not recorded

Management Issues

Field Notes

A description of the survey methodology can be found at http://www.portlandonline.com/parks/index.cfm?c=38279

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Riparian Habitat Condition Assessment

Johnson Creek Park

Report Date: 4/12/2007

Reach ID: **rJNCK*4** Survey date: 6/22/06 Length: 429 feet along Johnson Creek

EPA Rapid Assessment Scores

Epifaunal Substrate/ Available Cover:	6 /20
Embeddedness: *(high gradient)*	10 /20
Velocity/Depth Regimes: *(high gradient)*	16 /20
Sediment Deposition:	8 /20
Channel Flow Status:	10 /20
Channel Alteration:	5 /20
Frequency of Riffles or Bends: *(high gradient)*	6 /20
Bank Stability	
Left Bank:	2 /10
Right Bank:	5 /10
Vegetative Protection	
Left Bank:	4 /10
Right Bank:	4 /10
Riparian Vegetation Zone Width	
Left Bank:	4 /10
Right Bank:	2 /10

Total Score: 82 /200
Overall Condition:
Fair

Supplemental Information

Vegetative Stream Shading
Left Bank: 35%
Right Bank: 35%

Riparian Vegetative Buffer Width
Left Bank: not recorded
Right Bank: not recorded

Bank Slope
Left Bank: not recorded
Right Bank: not recorded

Large Woody Debris count
Small *(diameter 10 cm. to 30 cm.)*
not recorded
Medium *(diameter 30 cm. to 60 cm.)*
not recorded
Large *(diameter >60 cm.)*
not recorded
Has LWD been placed?
not recorded

Management Issues

Field Notes

A description of the survey methodology can be found at http://www.portlandonline.com/parks/index.cfm?c=38279

PORTLAND PARKS & RECREATION
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Riparian Habitat Condition Assessment

Johnson Creek Park

Report Date: 4/12/2007

Reach ID: **rJNCK*5** Survey date: 6/22/06 Length: 420 feet along Crystal Springs Creek

EPA Rapid Assessment Scores

Epifaunal Substrate/ Available Cover:	7 /20
Embeddedness: *(high gradient)*	14 /20
Velocity/Depth Regimes: *(high gradient)*	14 /20
Sediment Deposition:	10 /20
Channel Flow Status:	19 /20
Channel Alteration:	11 /20
Frequency of Riffles or Bends: *(high gradient)*	17 /20
Bank Stability	
Left Bank:	3 /10
Right Bank:	6 /10
Vegetative Protection	
Left Bank:	4 /10
Right Bank:	6 /10
Riparian Vegetation Zone Width	
Left Bank:	2 /10
Right Bank:	2 /10

Total Score: **115 /200**
Overall Condition:
Fair

Supplemental Information

Vegetative Stream Shading
Left Bank: 65%
Right Bank: 65%

Riparian Vegetative Buffer Width
Left Bank: not recorded
Right Bank: not recorded

Bank Slope
Left Bank: not recorded
Right Bank: not recorded

Large Woody Debris count
Small *(diameter 10 cm. to 30 cm.)*
not recorded
Medium *(diameter 30 cm. to 60 cm.)*
not recorded
Large *(diameter >60 cm.)*
not recorded
Has LWD been placed?
not recorded

Management Issues

Erosion
Invasives

Field Notes

A description of the survey methodology can be found at http://www.portlandonline.com/parks/index.cfm?c=38279