PORTLAND PARKS & RECREATION
Healthy Parks, Healthy Portland

Riparian Habitat Condition Assessment

West Portland Park Natural Area

Report Date: 4/12/2007

Reach ID: rWP*240 Survey date: 8/16/06 Length: 647 feet along Arnold Creek

EPA Rapid Assessment Scores

Epifaunal Substrate/ Available Cover:	7 /20
Embeddedness: *(high gradient)*	11 /20
Velocity/Depth Regimes: *(high gradient)*	3 /20
Sediment Deposition:	6 /20
Channel Flow Status:	2 /20
Channel Alteration:	10 /20
Frequency of Riffles or Bends: *(high gradient)*	5 /20
Bank Stability	
Left Bank:	1 /10
Right Bank:	1 /10
Vegetative Protection	
Left Bank:	3 /10
Right Bank:	3 /10
Riparian Vegetation Zone Width	
Left Bank:	10 /10
Right Bank:	10 /10

Total Score: 72 /200
Overall Condition:
Poor

Supplemental Information

Vegetative Stream Shading
Left Bank: 85%
Right Bank: 85%

Riparian Vegetative Buffer Width
Left Bank: 10 m.
Right Bank: 10 m.

Bank Slope
Left Bank: Steep
Right Bank: Steep

Large Woody Debris count
Small *(diameter 10 cm. to 30 cm.)* 14
Medium *(diameter 30 cm. to 60 cm.)* 13
Large *(diameter >60 cm.)* 8

Has LWD been placed? no

Management Issues

Field Notes

endpoint- narrow v-shaped valley - no fish- all of reach has been incised-

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

PORTLAND PARKS & RECREATION
Healthy Parks, Healthy Portland

Riparian Habitat Condition Assessment

West Portland Park Natural Area

Report Date: 4/12/2007

Reach ID: rWP*243 Survey date: 8/16/06 Length: 1,047 feet along Arnold Creek

EPA Rapid Assessment Scores

Epifaunal Substrate/ Available Cover:	7 /20
Embeddedness: *(high gradient)*	6 /20
Velocity/Depth Regimes: *(high gradient)*	3 /20
Sediment Deposition:	4 /20
Channel Flow Status:	5 /20
Channel Alteration:	16 /20
Frequency of Riffles or Bends: *(high gradient)*	3 /20
Bank Stability	
Left Bank:	2 /10
Right Bank:	2 /10
Vegetative Protection	
Left Bank:	4 /10
Right Bank:	4 /10
Riparian Vegetation Zone Width	
Left Bank:	10 /10
Right Bank:	10 /10

Total Score: 76 /200
Overall Condition:
Poor

Supplemental Information

Vegetative Stream Shading
Left Bank: 85%
Right Bank: 85%

Riparian Vegetative Buffer Width
Left Bank: 10 m.
Right Bank: 10 m.

Bank Slope
Left Bank: Steep
Right Bank: Steep

Large Woody Debris count
Small *(diameter 10 cm. to 30 cm.)* 16
Medium *(diameter 30 cm. to 60 cm.)* 9
Large *(diameter >60 cm.)* 1

Has LWD been placed? no

Management Issues

Field Notes

endpoint- narrow v-shaped valley -- heavily eroded throughout -

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