

send the data to: Streamkeepers Database, Department of Fisheries and Oceans,
Suite 400, 555 W. Hastings Street, Station 321, Vancouver, B.C. V6B 5G3
or fax to (604) 666-0292

Stream Location and Conditions

(use a new data sheet for each stream section surveyed)

Module 1

Stream Name/Nearest Town: <i>WEST HOY CREEK - COQUITLAM</i>		Date: <i>FEB 6 2009</i>
Organization Name:		Watershed code
Contact Name: <i>SCOTT DUCHARME</i>		Phone # <i>604-690-1474</i>
Crew Names: <i>THIBAUT DOIX</i>		Stream Segment #
		Stream Section # <i>5</i>
		Length Surveyed <i>521m</i>

Survey Start Point (when applicable)

Mapsheets number	Type	Scale
Start Point Location (distance from known stream landmark, directions to start) <i>200 m DOWNSTREAM OF DAVID AVE CROSSING. START @ CONFLUENCE WITH HOY CREEK mainstem</i>		
Time: _____	Weather	<input checked="" type="checkbox"/> clear • shower (1-2.5 cm in 24 hr) • snow <input type="checkbox"/> overcast • storm (>2.5 cm in 24 hr) • rain on snow
Water turbidity (cm visibility) <i>22 cm.</i>	Temperature °C (leave thermometer 2 min.) air <i>6°</i> water <i>5°</i>	
Measurements taken every _____ m		
Bankfull Channel width <i>8.5</i> (m)	Average depth _____ (m)	
Wetted Channel width <i>4.0</i> (m)	Average depth <i>0.30</i> (m)	

Survey End Point (when applicable)

Mapsheets number	Type	Scale
End Point Location (distance from known stream landmark) <i>END AT DAVID AVE CROSSING ~ DOWNSTREAM OF Culvert.</i>		
Time: <i>300</i>	Weather	<input type="checkbox"/> clear • shower (1-2.5 cm in 24 hr) • snow <input checked="" type="checkbox"/> overcast • storm (>2.5 cm in 24 hr) • rain on snow
Water turbidity (cm visibility) <i>16cm</i>	Temperature °C (leave thermometer 2 min.) air <i>6°</i> water <i>5.5°</i>	
Measurements taken every _____ m		
Bankfull Channel width <i>5.0</i> (m)	Average depth <i>0.62</i> (m)	
Wetted Channel width <i>3.0</i> (m)	Average depth <i>0.16</i> (m)	

(Start Point) First and Last Measurements taken 0.1 m from streambank edge (End Point)
END PT *START point*

Left Bank	<i>.85</i>									<i>.40</i>	Right Bank	
Wetted Depth	<i>.8</i>	<i>.27</i>								<i>.27</i>	<i>.13</i>	Wetted Depth
Bankfull Depth	<i>.85</i>									<i>.40</i>		Bankfull Depth

Left Bank	<i>.75</i>											<i>.50</i>	Right Bank
Wetted Depth	<i>1.05</i>									<i>1.27</i>	<i>.8</i>	Wetted Depth	
Bankfull Depth	<i>1.05</i>												Bankfull Depth

Take measurements every 0.5m in streams less than 5m wide, every 1m in streams 5 to 15m

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Introductory Stream Habitat Survey
revision - March 2000

Streamkeepers Module 1

Stream Reconnaissance Field Data Sheet

... Additional Feature Information

Module 1

Stream Name/Nearest Town: WEST HOY CREEK - COQUITLAM		Date FEB 6, 2009
Organization Name: AQUATEC RESOURCES		Watershed code
Contact Name: SCOTT DUCHERME		Phone # 604-690-1474
Stream Segment #		
Stream Section #		

Feature Information

Feature #	Photo #	m upstream of last feature	Feature Description and Size (see App. 3)	Stream bank (L or R)	Adjacent Land Use *	Actions/Comments/Water Quality Concerns
1 118	1 2	5m	- START PT OF WEST HOY CREEK - Substrat change larger Boulder, rock with pockets of gravel, cobble.	L/ R	- R - F	· 6° gradient change over first 25m.
2 119	3	82m	30cm PLASTIC Pipe crossing 8.2m in length - Presently not a barrier.	R L	- R - U	· Pipe is presently under stress and slightly bowed.
3 120	5	41m	Log jam barrier Height = 1.6m · 8.5m x 4m · plunge pool = 30cm	L R	F R	· Presently log jam is a barrier + requires maintenance.
4 121	6	79m	· Log jam barrier Height = 1.65m x 17m plunge pool = 25cm · Ivy on Right Bank	L R	U R	· Migration barrier. · Small amount of debris removal requires to create access.

* Adjacent Land Use Codes: Undisturbed, Agriculture, Forestry, Residential, Parks, Commercial, Industrial

Note whether feature is on the left or right bank (facing downstream)

Stream Reconnaissance Field Data Sheet - W. Hog Crk.

Feature Information con't

Module 1

Feature #	Photo #	m upstream of last feature	Feature Description and Size (see App. 3)	Stream-bank (L or R)	Adjacent Land Use *	Actions/Comments/ Water Quality Concerns
5. 122	9 11	77m	- TRIBUTARY - $H_{2}O = 5^{\circ}C$	L R	U R	observe that Flow equal to mainstem flow.
6. 123	14 15	111m	BANK EROSION Height = 2.5m x 6m RESIDENTIAL ENCROACHMENT TOP OF BANK.	R R	R	- Stable at present.
7 124	18 19	207m	BANK EROSION (X2) Height = 6m x 21m SLUMPING BANK TOP OF BANK = 17m.	R R	R R	- Requires Armouring or maintenance to increase stability
8 125	20 21	24m	CULVERT AT DAVID AVENUE DIA = 2.1m x 3.2m WW = 2.3m Avg depth = 16cm.	R/ L	ROAD	rip/rap substrate. BAFFLES?

* Adjacent Land Use Codes: Undisturbed, Agriculture, Forestry, Residential, Parks, Commercial, Industrial

General comments on this section of the stream

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