

Stream Location and Conditions

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

Module 1

Stream Name/Nearest Town: <i>MAPLE CREEK - COQUITLAM</i>		Date: <i>FEB 10, 2009</i>
Organization Name: <i>AQUATEC RESOURCES.</i>		Watershed code <i>100-024500-11232</i>
Contact Name: <i>SCOTT DUCHOINE</i>		Phone # <i>690-1474</i>
Crew Names: <i>THIBAUT DOIK</i>		Stream Segment #
		Stream Section # <i>1</i>
		Length Surveyed <i>388m</i>

Survey Start Point (when applicable)

Mapsheet number	Type	Scale
Start Point Location (distance from known stream landmark, directions to start) <i>MAPLE CREEK / COQUITLAM RIVER CONFLUENCE. ACCESS TRAIL SOUTH OFF BEDFORD ST AND RIVERBEND.</i>		
Time: <i>9:00</i>	Weather	<input type="checkbox"/> clear <input type="checkbox"/> shower (1-2.5 cm in 24 hr) <input type="checkbox"/> snow <input checked="" type="checkbox"/> overcast <input type="checkbox"/> storm (>2.5 cm in 24 hr) <input type="checkbox"/> rain on snow
Water turbidity (cm visibility) <i>20 cm</i>	Temperature °C (leave thermometer 2 min.) air <i>3.0</i> water <i>6°</i>	
Measurements taken every <i>.5</i> m		
Bankfull Channel width <i>3.4</i> (m)	Average depth <i>3.8</i> (m)	
Wetted Channel width <i>1.9</i> (m)	Average depth <i>0.17</i> (m)	

Survey End Point (when applicable)

Mapsheet number	Type	Scale
End Point Location (distance from known stream landmark) <i>UPSTREAM SIDE OF CULVERT AT BEDFORD + CHIM ST. - ADJACENT TO TRUCK MECHANICAL SHOP.</i>		
Time: <i>11:45</i>	Weather	<input type="checkbox"/> clear <input type="checkbox"/> shower (1-2.5 cm in 24 hr) <input type="checkbox"/> snow <input checked="" type="checkbox"/> overcast <input type="checkbox"/> storm (>2.5 cm in 24 hr) <input type="checkbox"/> rain on snow
Water turbidity (cm visibility) <i>20 cm</i>	Temperature °C (leave thermometer 2 min.) air <i>5°</i> water <i>5°</i>	
Measurements taken every <i>.5</i> m		
Bankfull Channel width <i>4.9</i> (m)	Average depth <i>0.92</i> (m)	
Wetted Channel width <i>2.3</i> (m)	Average depth <i>0.18</i> (m)	

(Start Point)

First and Last Measurements taken 0.1 m from streambank edge

(End Point)

Left Bank	m	.10	.50	1.1		1.0	.6	.10	Right Bank
Wetted Depth	cm	13	18	20		15	18	7	Wetted Depth
Bankfull Depth	m	3.7	3.7	3.7		3.8	4.0	4.0	Bankfull Depth

Left Bank	m	.10	.5	1.1		1.1	.6	.10	Right Bank
Wetted Depth	cm	15	18	18		20	14	12	Wetted Depth
Bankfull Depth	m	.95	.90	.95		.80	.90	.90	Bankfull Depth

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

Page of

Page 24

Introductory Stream Habitat Survey
 revision - March 2000

Streamkeepers Module 1

Stream Reconnaissance Field Data Sheet

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
1	1 2	27m FROM Mouth	In STREAM Enhancement - ROOTWADS	L	U	- Functioning
2	3 4	50m to 143m	INSTREAM ENHANCEMENT SERIES OF SMALL to medium size ROOTWADS PLACED EVERY 5m UPSTREAM ALTERNATING BANK SIDES	L/ R	U	SMALL WOODY DEBRIS COULD situated around root-wads, could increase habitat complexity.
3	4	38	Instream Enhancement log w/ien secured into substrate Height = 30cm 24m x 30cm	L - F R - R		iluy on Right- BANK.
4	5 6 7 9	64m	FLOOD GATE BOX AND DISCHARGE pipes - length = 24m width = 3.1m x Height = 1.75m water depth = 1.05m	L R	P - R	- Gate presently AJAR ~ ACCESS permitted. - 2 discharge pipes are Dia = 30cm - no flow - Concern of closures.
5	10 11 12	26m	FLOOD pump INTAKES - situated in large POOL AREA. too deep to measure depth.	R	R	Possible mortalities when pumps ACTIVATED.

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

General comments on this section of the stream

Page of

Page 26

Introductory Stream Habitat Survey
revision - March 2000

Streamkeepers Module 1

Stream Reconnaissance Field Data Sheet

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
6	13	19m	Small WOODY DEBRIS JAM. Height = 50cm width = 1.1m length = 0.40m	L	P	not A FISH BARRIER AT PRESENT.
6 ²				R	R	- monitor.
7	14 15	21m	a) HABITAT POND 25m x 11m 1.5m water depth. b) 15 FEATURES OF LWD - ROOTWADS IN POND AREA	L R	P R	- NO WATER Flow / exchange but Functioning
8	16 17	40m	* FLOOD PLAIN 30m x 40m WETLAND / BOG AREA.	L R	P R	mainstem CONFIRMED to center of WETLAND / BOG Area. - FLOOD Area?
9	18	42m	STORM OUTFALL Culvert, channel. DIA = 60cm water depth = 35cm Channel 2.0m x 6.0m	R	R	GARBAGE in POOL Area Removed several Real estate signs
10	19 20	12m	- HABITAT POND 25m x 10m AND side CHANNEL - 3 Large WOODY structures	R L	R P	Flowing and Functioning



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

General comments on this section of the stream

Page of

Stream Reconnaissance Field Data Sheet

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
11	21	71m	Culvert ~ under CHINE ST. Height = 90cm width = 1.4m Length = 20m	R L	ROAD ROAD	~ substrate HAS Accumulated thru base of Culvert.
12	22	19m	- BANK modification Confined CHANNEL width 1.98m x 90m BF = 3.1m wetted depth avg = 92cm Culvert e Ratergh	R L	R ROAD	- Development, exposed soil on Right BANK END Pt SECT 1 # CV - 1.2m x 24m

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

General comments on this section of the stream