

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: <u>Port COQUITLAM</u> <u>HYDE CREEK - COQUITLAM</u>		Date: <u>FEB 19, 2009</u>
Organization Name: <u>AQUATEC RESOURCES</u>		Watershed code <u>100-026700-07200-97700</u>
Contact Name: <u>SCOTT DUCHARME</u>		Phone # <u>604-690-1474</u>
Crew Names: <u>THIBAUT DOIX</u>	Stream Segment # <u>-</u>	
	Stream Section # <u>3</u>	
	Length Surveyed <u>734</u>	

#### Survey Start Point (when applicable)

Mapsheets number	Type	Scale
Start Point Location (distance from known stream landmark, directions to start) <u>1 AT ADJACENT TO DARWIN ST - BENCHMARK - FENCE ON RIGHT BANK AND SURVEY Peg.</u>		
Time: <u>2:00</u>	Weather <input checked="" type="checkbox"/> clear	<input type="checkbox"/> shower (1-2.5 cm in 24 hr) <input type="checkbox"/> snow
	<input type="checkbox"/> overcast	<input type="checkbox"/> storm (>2.5 cm in 24 hr) <input type="checkbox"/> rain on snow
Water turbidity (cm visibility) <u>&gt; 25</u>	Temperature °C (leave thermometer 2 min.) air <u>12°</u> water <u>4°</u>	
Measurements taken every <u>1.0</u> m		
Bankfull Channel width <u>6.56</u> (m)	Average depth <u>0.51</u> (m)	
Wetted Channel width <u>4.0</u> (m)	Average depth <u>0.13</u> (m)	

#### Survey End Point (when applicable)

Mapsheets number	Type	Scale
End Point Location (distance from known stream landmark) <u>14m upstream of pedestrian bridge - ABOVE DAVID AVENUE CROSSING.</u>		
Time: <u>4:45</u>	Weather <input checked="" type="checkbox"/> clear	<input type="checkbox"/> shower (1-2.5 cm in 24 hr) <input type="checkbox"/> snow
	<input type="checkbox"/> overcast	<input type="checkbox"/> storm (>2.5 cm in 24 hr) <input type="checkbox"/> rain on snow
Water turbidity (cm visibility)	Temperature °C (leave thermometer 2 min.) air <u>11°</u> water <u>4°</u>	
Measurements taken every <u>1.0</u> m		
Bankfull Channel width <u>8.5</u> (m)	Average depth <u>1.25</u> (m)	
Wetted Channel width <u>4.6</u> (m)	Average depth <u>0.17</u> (m)	

(Start Point)

First and Last Measurements taken 0.1 m from streambank edge

(End Point)

Left Bank	m	.10	.11	.22		.24	.12	.10	Right Bank
Wetted Depth	cm	5	17	20		24	21	5	Wetted Depth
Bankfull Depth	m	1.2	1.2	.85		.90	.90	.90	Bankfull Depth

Left Bank	m	.10	.15	.25		.26	.12	.10	Right Bank
Wetted Depth	cm	18	9	20		18	25	11	Wetted Depth
Bankfull Depth	m	1.1	1.5	1.2		1.3	1.2	1.2	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

Sect # 3.

# 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
101	38 39 40	28m	- Fence on BANK AND survey Peg " Benchmark.	R L	R U	" Benchmark". Sect # 3 start 28m upstream.
102	41	15m	BANK Erosion - under cut height = 1.2m length = 59m.	R	U	- Stable at low Flows.
103	42	172m	Tributary channel = 30m long BF = 2.2m WW = 60cm	L	U	min flow Adjacent to MASON ST. AT TOP OF BANK
104	43	32m	SIDE CHANNEL BF = 2.5m length = 20m	L	U	- Presently dry. - High Flow channel.
105	45	15m	BANK Erosion - under - cut ↑ 1.2m x 5m ↔	R	U	Stable during low Flows.

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

General comments on this section of the stream

Sect # 3.

# 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
106 66	47	35m	Bank Erosion - under-cut - height = 1.2m length = 11m	L	U	Mature tree At top of Erosion.
107 66	48 49	35m	Major Bank Erosion - Slumping Bank. ↓ 20m x 18m ↔	R L	R U	Residential Encroachment. shed sliding down Bank.
108 67	50 51 52	28m	MAJOR BANK SLIDE / Erosion Height = 20m + length = 37m.	R L	R U	Slipping From Top of Bank. * Residence At top of Bank!
109 68	53	5m	Bank Erosion - under-cut. - ↑ 1.5m x 8m ↔	L	U	Stable At low Flow.
110 69	54	12m	SIDE CHANNEL BF = 2.7m length = 20m.	R	U	-no Flow At present. - hi-flow use only.

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General comments on this section of the stream

Sheet #3

# 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
111	55 56	12m	Bank Erosion - exposed soil, under-cut. BF = 2.1m Length = 17m.	R	U	- no impact during low flow. - AT TOP END OF side channel
112	57	45m	BANK Erosion Exposed clay area ↑ 3m x 20m →	R	U	- stable at present flow
113	58	50m	Tributary/seepage from bog area. BF = 1.4m ww = 30 cm.	L	U	minimum flow.
114	59	94m	Water Withdrawal - water sampling site. - DIA = 10 cm instream	R	U	- city of COQUITLAM monitored.
115	60 61	35m	Water Withdrawal sampling device	R	U	- Downstream DAVID AVE. Xing. - city of COO monitoring program.

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

General comments on this section of the stream

# Stream Reconnaissance Field Data Sheet

## Feature Information cont

## 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
116 74	62 63	33m	DAVID Avenue Bridge crossing "BENCHMARK"	R-L	ROAD	- garbage removal req'd on left BANK.
117 0	64	22m	Drainage trench. From DAVID Ave Bridge.	R	trails	- no Flow - drainage From Bridge deck.
118 15	65	6m	Culvert discharge DIA = 70cm Height = 1.75m	L		no Flow, dry.
119 16	66	44m	PEDESTRIAN WALKING Bridge height = 2.6m width = 12m ww = 4.7m. "BENCHMARK"	R-L	trails P	' minimal impact on creek. " BENCHMARK" upstream 72 m From DAVID Ave crossing.
120	67 68 69	14m	END Point Section 3.#	R - L -	U R	- Debris dump AT top OF BANK From local Residents.

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General comments on this section of the stream