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: MAPLE CREEK - Coquitlam	Date: FEB 12, 2009
Organization Name:	Watershed code 100-024500-11232
Contact Name: Scott Duchamel	Phone # 690-1474
Crew Names: Thibault Doix	Stream Segment #
	Stream Section # 3
	Length Surveyed 909m

Survey Start Point (when applicable)

Mapsheet number ____ Type ____ Scale ____

Start Point Location (distance from known stream landmark, directions to start)
Start @ upstream side of culvert at 3164 Raleigh St - South of Longhead and off Gordon St Coquitlam.

Time: 900 Weather • ✓clear • shower (1-2.5 cm in 24 hr) • snow • overcast • storm (>2.5 cm in 24 hr) • rain on snow

Water turbidity (cm visibility) >11 cm Temperature °C (leave thermometer 2 min.) air 4° water 6°

Measurements taken every .5 m

Bankfull Channel width 2.8 (m) Average depth 0.65 (m)

Wetted Channel width 2.16 (m) Average depth 0.08 (m)

Survey End Point (when applicable)

Mapsheet number ____ Type ____ Scale ____

End Point Location (distance from known stream landmark)
Adjacent to Maple Creek Middle School Parking Lot.

Time: 5:00 Weather • clear • shower (1-2.5 cm in 24 hr) • snow • ✓overcast • storm (>2.5 cm in 24 hr) • rain on snow

Water turbidity (cm visibility) >10 cm. Temperature °C (leave thermometer 2 min.) air 6° water 5.5°

Measurements taken every .5 m

Bankfull Channel width 3.23 (m) Average depth 0.60 (m)

Wetted Channel width 1.9 (m) Average depth 0.09 (m)

(Start Point) First and Last Measurements taken 0.1 m from streambank edge (End Point)

cm

Left Bank	.5	1.0	1.5			2.0	2.5	2.75	Right Bank
Wetted Depth	10	8	9			9	5	5	Wetted Depth
Bankfull Depth	75	65	60			60	65	65	Bankfull Depth

cm

Left Bank	.5	1.0	1.5			.5	1.0	1.5	Right Bank
Wetted Depth	9	12	6			10	10	8	Wetted Depth
Bankfull Depth	45	46	45			90	70	70	Bankfull Depth

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

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
40 HD	1 2 3 4	23.5m	- RED Pedestrian Bridge - "BENCHMARK" Height = 80cm	L R	R	Every Resident HAS A Bridge Access to their home. 6 in total
41 41	5 6 7	77m	Twin Box Culvert ↑ 95cm x 75cm - Both are Flowing - length of CV = 13m		Street.	- gated with 1" bar's. - Right Culvert bottom bar removed for fish passage.
42 42	8	13m	Culvert / bridge DIA = 1.3m length = 1.6m	R L	R	Located in Complex at 3228 Grouse. - observe COHO Fingerlings
43 43	9	45m	Pedestrian Bridge height = 85cm	R L	R	Invasive Plant Removal Req'd on R.B. IVY
44 44	11	30m	Wood Wier Instream height = 40cm width = 10m wd = 20cm		R	not a barrier, observe COHO fingerlings.

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

General comments on this section of the stream

Page ___ of ___

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
45	11	5m	Concrete wier AND WALL - Enhancement height 65cm Structure - 2.8m x 1.2m	Instream	R	- monitor for blockages.
46	12 13	4m	HABITAT POND 20m x 15m	Instream	R	observe coho fingerlings.
47 G45	N/A	20m	Box Culvert & Longheed. 1.3m x 1.3m Length = 30m	Instream	Road	-
48 47	14	39m	Bridge / Box Culvert height = 1.35m width = 6m length = 7m	Instream	C	WATER quality from auto dealership.
49 48	15	15	log jam height = 60cm width = 3.6m.	L-R	R C	- Remove 1 side OF debris barrier.

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

General comments on this section of the stream

Page ____ of ____

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
50 49	N/A.	5m	Culvert - Instream DIA = 30cm.	R L	R C	Bottom / side rotten steel.
51 50	16	58m	Bridge crossing height = 1.0m width = 6.3m length = 10.8m	R-L	R	- car wash Area, Adjacent to creek. - observe, Fish - juvenile
52 51	N/A	70m	Bridge crossing (Pedestrian only) height = 90cm	R-L	R	- substrate is organic debris.
53 52	21 22 23	25m.	Culvert height = 1.2m ww = 1.7m	Instream	R	- Ivy on banks - No Access upstream past this culvert And residential property off Jervis St. From 3314.
54 NO OBS	24 25	N/A.	Residential Encroachment - Rock wall, bridge crossing.	R-L	R	- LACK Riparian Veg. For 185m upstream

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

General comments on this section of the stream

Page of

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
55	26	185m	· Boulder & Rock weir enhancement.	instream	R	- small jam removed.
a-53						
56	27	0m	· Invasive plant vegetation · Veg dump site	R-L R	R	Dump site of woody and veg debris
53						
57	28	0m.	Pedestrian Bridge crossing and Trail. Height = 65cm width = 5.8m length = 2.5m	R-L	R	
53						
58	29	20m	Discharge Pipe DIA = 25cm - channel - 3m			- no flow at present
54						
59	30	20m	· Bank modification · Rock wall	R-L	R	· Ivy over taking Riparian Area. · Compost on banks.
54						

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

General comments on this section of the stream

Page ___ of ___

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
60	31	20m	Culvert, discharge DIA = 25cm - channel to creek 5m - wd = 9cm	L	R	- not Flowing - Invasive plants - LB.
55						
61	32	14m	SIDE CHANNEL width = 1.2m length = 16m wd = 12cm BF = 1.60m	R-L	R	- Residential Encroachment.
54						
62	33	41m	Residential Bridge crossing Height = 40cm width = 3.6m Length = 1.2m	R-L	R	* observed Dozens of CADDIS larvae on Instream Rocks.
59						
63	34	24m	Residential Bridge crossing - Height = 40cm width = 2.5m.	R-L	R	
58						
64	35.	24m	Pedestrian Bridge crossing. height = 1.3m width = 4m. "BENCHMARK"	R-L	TRAIL	Ivy on R.B.
59						

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

General comments on this section of the stream

Page of

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
65 60	36	37m	TRIBUTARY BF = 1.7m ww = 90cm wd = 14 cm H_2O = 8°C	L	R	- good flow, clear and clear. - mainstem 5.5°C
66 62	38	63m	BANK MODIFICATION Rockwall. Height = 50cm Length = 15m	R-L	R	- stable - Residential Encroachment.
67 63	38	Øm	Resident Bridge crossing.	R-L	R.	- LACKING Riparian Veg on LB.
68 64	39	33m.	Drainage ditch width = 20cm length = 9.6m wd = 3cm.	R	R	. no Flow AT Present . Bossy Area AT top end.
69 64	40	3m	Tile drain DIA = 10cm	L	U	- YARD drain

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

General comments on this section of the stream

Page ____ of ____

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
70 65	42	70m	Culvert AT Patricia Ave. height = 95cm ww = 1.75m length = 18m	R-L	R	
71	42	∅	Ivy - Invasive Plant. length 25m height > 3m.	R	R	Invasive Plant removal req'd.
72 66	43	19m	Discharge Pipe DIA = 20cm Height = 60cm. 1.6m From creek.	L	R	minimal flow. Street storm Drain.
73 67	44	6m	Bank Seepage - width = 30cm - 2.2m From Crk.	R	R	H_2O = 9°C main = 5.5°C
74 67	45.	∅	Bank modification height = 1.2m length = 22m.	L	R	stable.

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

General comments on this section of the stream

Page ____ of ____

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
75. 68	46	79m	Fence crossing - 2" wire mesh Height = 0.34m width = 5m	R-L	R.	Potential obstruction. - clecrep small woody debris - Adult coho seen in Fall by Resident.
76 69	47	26cm	Tile Drain DIA = 10cm height = 5cm.	L	R	no flow at Present. - drainage From Resident yard.
77 70	48	21m	Tile Drain & discharge - DIA = 10cm Height = 35cm	L R	R trail	
78 71	49 52	19m	Culvert - Hight = 73cm ww = 1.40m wd = 15cm.	Instream	trail	Trail Access to Maple Crk middle school
79	50	8m	Storm water Culvert / outfall and Rip / Rap channel. Length = 10m. ww = 1.7m	R	trail	Dry and no flow at Present

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

General comments on this section of the stream

Page ___ of ___

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
80 72	51	10m	WETLAND, DOG 12m x 64m * ADJACENT TO MAPLE CREEK MIDDLE SCHOOL.	Instream	SCHOOL	- LOW WATER DEPTH - ACCESS FOR ADULTS ?
81 73	N/A	65m	END AT OF SECT 3# · ADJACENT TO MAPLE CREEK MIDDLE SCHOOL PARKING LOT.	R-L	SCHOOL	- GARBAGE REMOVAL REQ'D.
2						

* *Adjacent Land Use Codes:* **U**ndisturbed, **A**griculture, **F**orestry, **R**esidential, **P**arks, **C**ommercial, **I**ndustrial

General comments on this section of the stream

Page of