

Stream Location and Conditions

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

Module 1

Stream Name/Nearest Town: <i>HOY CREEK - COQUITLAM</i>		Date: <i>FEB 3, 2009</i>
Organization Name: <i>AQUATEC RESOURCES</i>		Watershed code <i>100-024500-11000-3100</i>
Contact Name:		Phone # <i>604-690-1474</i>
Crew Names: <i>THIBAUT DOIX</i>	Stream Segment # <i>1</i>	
	Stream Section # <i>1</i>	
	Length Surveyed <i>1.83</i>	

Survey Start Point (when applicable)

Mapsheets number	Type	Scale
Start Point Location (distance from known stream landmark, directions to start) <i>ACCESS Hoy / SCOTT CREEK CONFLUENCE - OFF ABERDEEN ST SOUTH OF LOUGHKEE HIWAY.</i>		
Time: <i>9:15</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>42 cm</i>	Temperature °C (leave thermometer 2 min.) air <i>2°</i> water <i>4.5°</i>	
Measurements taken every _____ m		
Bankfull Channel width <i>4.5</i> (m)	Average depth <i>0.40</i> (m)	
Wetted Channel width <i>3.83</i> (m)	Average depth <i>0.43</i> (m)	

Survey End Point (when applicable)

Mapsheets number	Type	Scale
End Point Location (distance from known stream landmark) <i>END AT UPSTREAM SIDE OF LOUGHKEE CULVERT (BARNETT HIWAY) & FEATURE 97.</i>		
Time: _____	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>N/A</i>	Temperature °C (leave thermometer 2 min.) air <i>4°</i> water <i>4.5°</i>	
Measurements taken every _____ m		
Bankfull Channel width <i>6.8</i> (m)	Average depth <i>0.45</i> (m)	
Wetted Channel width <i>5.3</i> (m)	Average depth <i>0.18</i> (m)	

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

(cm)

Left Bank								Right Bank
Wetted Depth	<i>44</i>	<i>42</i>						<i>39</i>
Bankfull Depth	<i>65</i>				<i>67</i>	<i>15</i>	<i>28</i>	

(cm)

Left Bank								Right Bank
Wetted Depth	<i>35</i>	<i>42</i>						<i>32.53</i>
Bankfull Depth	<i>40</i>							<i>20</i>

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

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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
5	7	10m	<ul style="list-style-type: none"> • 20cm pipe crossing • 1.6m from substrate 	L/R	C	<ul style="list-style-type: none"> • Rusty, Damaged • Possible WATER QUALITY CONCERNS
6	8, 9	17m	<ul style="list-style-type: none"> • 3 Box CULVERTS UNDER ABERDEEN ST. • LB SIDE NOT Flowing, SAND deposit. • Culverts - 3.1m x 11m in length. 	L/R	C	<ul style="list-style-type: none"> - 2 Pipe LINE crossing. - DIA = .30m
7	9, 10	53m	<ul style="list-style-type: none"> - Flood plain RB - LB - BLACK BERRY - Rock weir confines channel 	L/R	C	<ul style="list-style-type: none"> • Invasive Plant Removal. • ADD to HABITAT instream • Rootwads? - CIPR WASH FROM DEALERSHIP
8	13, 14, 15	44m	<ul style="list-style-type: none"> • Box Culvert AT Roughed Hiway. • BRIDGE CULVERT blocked WITH SAND. • NOTE: 3.1m x 11.5m • Right side Culvert HAS WEIRS, working. 	L/R	C	<ul style="list-style-type: none"> - DEBRIS Removal Required on down stream side of culverts. - RE-ESTABLISH Flow to ALL 3 CULVERTS.
9		4m	<ul style="list-style-type: none"> • 25m Diameter DRAIN PIPE • PRESENTLY NO Flow. 	R		<ul style="list-style-type: none"> - STORM WATER quality?

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

General comments on this section of the stream

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Stream Reconnaissance Field Data Sheet

... Additional Feature Information

Module 1

Stream Name/Nearest Town: <i>HOY CREEK - COQUITAM</i>	Date <i>FEB 3, 2009</i>
Organization Name: <i>AQUALTEC RESOURCES</i>	Watershed code <i>100-024500-11000-3100</i>
Contact Name: <i>SCOTT DUCHARME</i>	Phone # <i>604-690-1474</i>
Stream Segment # <i>1</i>	
Stream Section # <i>1</i>	

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	1.	0m	MOUTH OF HOY CREEK MAINSTEM	R.	C	• LEECHING FROM AUTO WRECKERS
	2.			L.	I	
2	3.	16.5m	• Concrete WALL 10.7m x 2.4m • CHANNEL is CONFINED	R.	C	• STORM WATER RUNOFF • 0m SETBACK • NO RIPARIAN VEGETATION
	4.			L.	C	
3	5.	34.5m	• 15cm storm Drain outfall. 1m from substrate	R.	C	• WATER QUALITY FROM PARKING LOT. Auto-Body
	6.			L.	C	
4	7.	4m	• Rip/Rap PLACEMENT • EROSION on LEFT BANK for 25m - storm drain 15cm x 1m	R.	C	• WATER QUALITY FROM Auto Body AND ADJACENT Auto-WRECKERS Leaching.
				R.	C	

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

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

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