

## Stream Location and Conditions

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

Module 1

Stream Name/Nearest Town: HOY CREEK - COQUITLAM		Date: FEB 4, 5
Organization Name: AQUATIC RESOURCES		Watershed code 100-02450-11000-3100
Contact Name: SCOTT DUCHARME		Phone # 604-690-1474
Crew Names: THIBAUT POIX		Stream Segment #
		Stream Section # 3
		Length Surveyed

### Survey Start Point (when applicable)

Mapsheet number	Type	Scale
Start Point Location (distance from known stream landmark, directions to start) START POINT @ RESIDENCE MANOR ~ SOUTH OF GLEN ST. ACCESS OFF GLEN ST ~ BRICK CORNER'S ON MANOR BUILDING		
Time: 9:15	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)	Temperature °C (leave thermometer 2 min.) air 3.5°    water 4.5°C	
Measurements taken every 1 m		
Bankfull Channel width 5.0 (m)	Average depth 1.27 (m)	
Wetted Channel width 3.5 (m)	Average depth 0.24 (m)	

### Survey End Point (when applicable)

Mapsheet number	Type	Scale
End Point Location (distance from known stream landmark) CONCRETE WIER - ADJACENT TO HOY CREEK HATCHERY. - DOWNSTREAM OF WALKING BRIDGE.		
Time: 5:15	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) 17 cm	Temperature °C (leave thermometer 2 min.) air 5°    water 4.5°	
Measurements taken every 1.1 m		
Bankfull Channel width 4.7 (m)	Average depth 1.78 (m)	
Wetted Channel width 3.2 (m)	Average depth 0.30 (m)	

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

Left Bank	1.2	1.5					Right Bank
Wetted Depth	35	24	60		52	30	30
Bankfull Depth	11.8	1.4			6.5	1.2	

Left Bank	1.5	1.5				10	1.2	1.4	Right Bank
Wetted Depth	16	20	10			10	16	9	
Bankfull Depth	11.5	1.4				12	1.5	1.4	

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

... Additional Feature Information

Module 1

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Organization Name: <i>AQUATEC RESOURCES</i>	Watershed code <i>100-62450-11000-3100</i>
Contact Name: <i>SCOTT DUCHARNE</i>	Phone # <i>604-690-1474</i>
Stream Segment #	
Stream Section # <i>3</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
<i>36</i> <small>036</small>	<i>55</i>	<i>13m</i>	<i>- LWD JAM not A BARRIER 5.6m x 2.0m height = 1.2m Pool = 57cm</i>	<i>R</i>	<i>R</i>	<i>RESIDENTIAL ENCROACHMENT monitor debris JAM.</i>
<i>37</i> <small>037</small>	<i>2/A</i>	<i>36m</i>	<i>CEMENT / ROCK WALL 8.2m x 1.2m enging.</i>	<i>L</i>	<i>P</i>	<i>LACK OF Riparian Veg confines channel.</i>
<i>38</i>	<i>61</i>	<i>37m</i>	<i>Large ROCK, cobble placement 22m length BANK Protection.</i>	<i>R</i> <i>L</i>	<i>R</i> <i>P</i>	<i>4 WILDLIFE TREES ON RIGHT BANK.</i>
<i>39</i>	<i>56</i>	<i>19m</i>	<i>SMALL WOODY JAM 5.2m x 0.65m width = 2.0m pool depth = 0.43m upstream depth = 0.32m</i>	<i>R/L</i>	<i>R</i> <i>P</i>	<i>- POSSIBLE barrier during low flows.</i>

\* 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

## 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
40 040	N/A	12m	BANK EROSION ABOVE placed rock / cobble. 8m x 1.2m Boulder height = 0.73m	R	R P	- Boulder, rock replacement. - Planting to stabilize BANK
41 041	57	22m	DRAINAGE CHANNEL FROM Hiking trail BANK EROSION FROM CREEK.	L	P	- Riparian Veg needed - Rocks at mouth prevent Flooding
42 042	58	38m	PEDESTRIAN BRIDGE crossing 5.7m x 2.5m height = 1.3m	R/ L	R	EROSION LEFT BANK, down stream OF BRIDGE. Right BANK BASE OF BRIDGE ERODING.
43 043	59	74m	Concrete SLAB placed on BANK 3m x 1.5m x 1.6m	L	P R	- LACK OF Riparian Veg. - Rotting metal supports.
44 044	60	18m	Enhanced Rock Wier, RIFFLE 1.2m x 4.3m L W Water depth avg = .27m	L/ R	P	no concern working well.

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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, COQUITLAM</i>	Date <i>FEB 4, 2009</i>
Organization Name: <i>AQUATEC Resource</i>	Watershed code <i>100-02450-11000-3100</i>
Contact Name: <i>S. DUCHARME</i>	Phone # <i>604-690-1474</i>
Stream Segment #	
Stream Section # <i>3</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
<i>45</i> <i>045</i>	<i>61</i>	<i>22m</i>	<ul style="list-style-type: none"> <li>- Rock, cobble placement</li> <li>- Invasive species <i>IVY</i></li> </ul>	<i>L</i>	<i>R</i>	<ul style="list-style-type: none"> <li>• REMOVAL OF <i>IVY</i> FROM TREES AND STREAM BANK</li> </ul>
<i>46</i> <i>046</i>	<i>62</i>	<i>6m</i>	<ul style="list-style-type: none"> <li>• GLEED ST BRIDGE CROSSING. 3 BOX CV.</li> <li>• Flow in left and center culverts</li> <li>- left/right height = 1.4</li> <li>- center culvert height = 1m</li> </ul>	<i>L/R</i>	<i>STREET</i>	<ul style="list-style-type: none"> <li>• Installation of BAFFLES in one culvert would provide benefits to adult and juvenile salmon.</li> </ul>
<i>47</i>	<i>63</i>	<i>4m</i>	<ul style="list-style-type: none"> <li>• STREAM DRAIN outlet.</li> <li>• Diameter = 1.2m</li> <li>• H<sub>2</sub>O temp = 9°C</li> <li>• wew = 55cm</li> </ul>		<i>STREET</i>	<ul style="list-style-type: none"> <li>• Water clarity is clear.</li> <li>• Temp is a concern.</li> <li>• <i>HOY</i> AT 5.0°C</li> </ul>
<i>48</i> <i>047</i>	<i>64</i>	<i>18m</i>	<ul style="list-style-type: none"> <li>BANK EROSION, exposed clay + TICL.</li> <li>7m x 1.3m</li> <li>bank height = 1.5m</li> <li>width depth = 60cm</li> </ul>	<i>R</i>	<i>U</i>	<ul style="list-style-type: none"> <li>• NOTE: ABOVE GLEED ST BRIDGE.</li> <li>• monitor EROSION site.</li> </ul>

NO GPS Pt.

\* 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

## 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
49 048	65	12m	- storm DRAIN 1/2 buried in Organics - H <sub>2</sub> O = 6°C - DIA = 30m - 3.7m From Creek	R	R	- monitor water quality
50	66	3m	Ivy growth in Riparian Area.	R	R	• Invasive Species Removal Reg'd. • Re-plant native vegetation.
51 049	N/A	15m	PEDESTRIAN POOL 8m x 1.15m height = 1.4m	R/ L	P	• LEFT BANK EROSION around Base of BRIDGE
52 65P	67	57m	BANK EROSION 10m x 0.80m Bank height = 1.15m BLACK BERRY Dominate.	L		• Invasive Species Removal / Replant with Native Veg.
53 051	68	15m	SMALL DEBRIS JAM Presently scouring a pool area. 8m x 1.1m PLUG POOL = 0.77m upstream depth = 0.42m	R/ L	P U	Presently not a Barrier. Low flows may impede juvenile movement.

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General comments on this section of the stream

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Streamkeepers Module 1

# Stream Reconnaissance Field Data Sheet

... Additional Feature Information

Module 1

Stream Name/Nearest Town: <i>Hoy CREEK - COQUITLAM</i>	Date <i>FEB</i>
Organization Name: <i>AQUATEC RESOURCES</i>	Watershed code <i>100-02450-11000-3100</i>
Contact Name: <i>Scott DUCHARME</i>	Phone # <i>690-1474</i>
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
<i>54</i> <i>052</i>	<i>69</i>	<i>15m</i>	<i>BANK EROSION 5.1m x 1.0m</i>	<i>R</i>		<i>• LEFT BANK Invasive Species Removal req'd.  • Stabilize AND PLANT EROSION Area.</i>
<i>55</i> <i>053</i>	<i>N/A</i>	<i>16m</i>	<i>• JOHNSON ROAD PEDESTRIAN BRIDGE CROSSING, 11.5m x 3.0m HEIGHT = 1.0m</i>	<i>R/L</i>	<i>P trail</i>	<i>• observed 2 CARCASS.</i>
<i>56</i> <i>054</i>	<i>70 71</i>	<i>7m</i>	<i>• BRIDGE Crossing JOHNSON ROAD Length = 18m • Culvert - Flowing DIA = 1.0m H2O = 80C • Bridge height = 1.5m</i>	<i>R</i>	<i>STREET</i>	<i>- MONITOR WATER QUALITY</i>
<i>57</i> <i>055</i>	<i>72 73</i>	<i>12m</i>	<i>LOG AND ROOT PLACEMENT,  5 large boulder + ROOT WADS</i>	<i>L  R</i>	<i>R  R</i>	<i>• Riparian Planting required ON BANK BEHIND log. • CLEAN OUT AREA FOR CITY</i>

\* 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

## 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
58 056	74	45m	<ul style="list-style-type: none"> <li>• LOG ENHANCEMENT COVERING UNDER-CUT BANK</li> <li>• undercut 11.2m x .8m HEIGHT = .55m</li> </ul>	R	R	• BLACK BERRY REMOVAL REQ'D
59 057	75	97m	<p>ROCK WIER ENHANCEMENT</p> <p>4.7m x 1.3m</p> <p>HEIGHT = .67m</p> <p>DEPTH = .35m</p>	R/L	R	<ul style="list-style-type: none"> <li>• WORKING WELL.</li> <li>• NOT RECENT INSTALLATION.</li> </ul>
60 058	76	44m	<p>LOG JAM ~</p> <p>NOT A BARRIER AT PRESENT FLOW</p> <p>6m x 60cm x height = .85m</p> <p>PLUNGE POOL = .63m</p>	R/L	R	• Removed some small woody debris.
61 059	N/A	8m	<p>PEDESTRIAN BRIDGE CROSSING</p> <p>5m x 1.45m</p> <p>Height = 1.1m</p>	R/L	R	- Concrete BASE IN GOOD SHAPE,
62 060	77	20m	<ul style="list-style-type: none"> <li>• BANK EROSION</li> <li>• OBSTRUCTED DRAINAGE TILE</li> <li>↓ 2.0m x .11m ←</li> </ul>	L	R	<ul style="list-style-type: none"> <li>• STABLE AT PRESENT FLOW</li> <li>• Monitor Required.</li> </ul>

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General comments on this section of the stream

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# Stream Reconnaissance Field Data Sheet

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Module 1

Stream Name/Nearest Town: <i>HOY CREEK - COOLITLAM</i>	Date <i>FEB 4 / 09</i>
Organization Name: <i>AQUATEL RESOURCES</i>	Watershed code <i>100-02450-11000-3100</i>
Contact Name: <i>SCOTT DUCHARME</i>	Phone # <i>690-1474</i>
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
<i>63</i> <i>063</i>	<i>78</i>	<i>20m</i>	<i>BANK EROSION 4m x 1.4m INVASIVE SPECIES</i>	<i>R</i>	<i>R U</i>	<i>- REPLANT WITH NATIVE SPECIES TO STABILIZE BANK.</i>
<i>64</i> <i>064</i>	<i>79</i>	<i>11m</i>	<i>- OPEN AREA, LACKING RIPARIAN AREA. - WET DURING HI FLOWS. BANKS &lt; 1.25m high</i>	<i>R/L</i>	<i>R</i>	<i>- Replant with native vegetation</i>
<i>65</i> <i>065</i>	<i>80</i>	<i>9m</i>	<i>• LWD JAM • not a migration BARRIER AT Present Flow</i>	<i>R</i>	<i>R</i>	<i>• Remove some OF THE SMALL WOODY DEBRIS TO Keep open.</i>
<i>66</i>	<i>81</i>	<i>11m</i>	<i>• ENHANCEMENT 2 SETS OF ROCK WIERS 4.4m x 0.8m ↓ 1cm between wiers.</i>	<i>R/L</i>	<i>R</i>	<i>Imbedded in substrate. = less Functioning</i>

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



# 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
67. 064	82.	14m	Log Enhancement to PROTECT BANK 5m x 0.75m UNDERCUT = 0.65m width	L	R	• Presently STABLE • Planting Veg on top of BANK Required.
68. 065	83	26	SIDE CHANNEL 26m in length BF = 3.6m WxW = 1.3m DEPTH = .24m	R	R	• FED BY • 60m Culvert - presently no Flow. - MAY PROVIDE REFUGIE
69 066	84	52m	• BANK EROSION • 3m x 1.7m BANK height = 1.8m	L	R	• presently Stable. • Continued monitoring
70 067	85	28m	BANK EROSION 8m x 1.35m BANK Height = 1.45m POOL depth = .82m	R	U	Erosion control may be req'd - ongoing monitoring
71 068	86	19m	UNDER-CUT BANK, 4m x .60m BANK HEIGHT = 1.2m	L		• MAY collapse DOUGLAS FIR - monitor.

Air = 8°C  
H<sub>2</sub>O = 5.5°C

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General comments on this section of the stream

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Streamkeepers Module 1

# Stream Reconnaissance Field Data Sheet

... Additional Feature Information

Module 1

Stream Name/Nearest Town: HOY CREEK - COQUITLAM	Date FEB 4, 2009
Organization Name: AQUATEC RESOURCES	Watershed code 100-02450-11000-3100
Contact Name: SCOTT DUCHARME	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
72. 069	87	11m	Bank Erosion 29m x 0.60m Bank Height = .80m	R	R	Stable AT present FLOWS. TRAIL ENCROACHMENT
73 070	88	17m	Culvert AT GUILDFORD ROAD Height = 1.8m Culvert width = 5.8m WWS = 4.7m Culvert length = 12m	R/L	STREET	- good substrate mix.
74 071	89	9m	2nd Culvert AT GUILDFORD RD. 12m x 5.8m x 1.8m	R/L	STREET	- gravel wedge 4m x 2.5m
75 072	90	1m	Rip/Rap Placement 2.2m x 1.75m (L) = 33m x .75m	R/L	U	- STABLE

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# Stream Reconnaissance Field Data Sheet

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76 072	91	16m	BANK EROSION 8m x 1.4m BANK height = 1.65m	L	F	UNDER-cut provide shelter
77 073	92	71m	BANK EROSION + UNDER-cut. 15m x 1.35m BANK height = 1.50m	L	R	STABLE BANK AT Present:
78 074	93	14m  11m	Log JAM - 4m x .75m x .41 plunge pool = .65m  2ND LOG JAM 5.5m x .70m	R/ L	U R	CARCASS observed Passible at present FLOW. - monitoring
79 075	94 95 96	14m	SIDE CHANNEL 40m x 1.0m PEDESTRIAN BRIDGE CROSSING - Height = 1.0m. - Culvert = .40m	R  - L	R	CHANNEL FED By 1.0m culvert H <sub>2</sub> O = 7.5°C - CLEAR WATER
80 077		39m	STORM DRAIN OUT FALL. DIA = .40m Channel = 2m x 1.2m rip/RAP channel.	L	P	2 CARCASS NO FLOW AT PRESENT.

Reg'D.

076  
END OF channel

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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: HOY CREEK ~ COQUITLAM	Date FEB 4, 2009
Organization Name: AQUATEC RESOURCES.	Watershed code 100-02450-11000-3100
Contact Name: SCOTT DUCHARME	Phone # 604-690-1474
Stream Segment #	
Stream Section # 3	

## 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
81 078	98	25m	LOG JAM BARRIER REMAINS OF CONCRETE BASE FOR BRIDGE - 2m x 3m	R/L	U P	play pool = 57m jump = 1.0m
82 079	99 100	15m	SIDE CHANNEL 50m x 1.0m H <sub>2</sub> O = 5°C Depth = .15m - ACCESS TO POND HABITAT & HOY HATCHERY	R L	P R	observe 4 CARCASS. SAND DEPOSITS EXPOSED STREAM BANKS.
83 080	101	↓	PEDESTRIAN BRIDGE CROSSING, 5.3m x 2.0m Height = 1.3m - ROCK WALL - L/R 2km LONG.	R/L	P R	- monitor BRIDGE BASE - starting to ERODE ON RIGHT BANK.
84 081	102	2	ENHANCEMENT SERIES OF ROCK WIERS. (30m long) 5m x 1.2m height = .75m 4° GRADE OVER WIER	R/L	P	NOTE: ROCK WALLS LEFT AND RIGHT BANK. 1.3m high x 11m WIDE.

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

# Stream Reconnaissance Field Data Sheet

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85 081	N/A	6 m	2 <sup>ND</sup> Enhancement Rock wier placement. 5.5m x 1.2m x .70m wetted depth = .20m downstream	R/L	P Hatchery	Functioning properly, Trail Access
86	N/A	5 m	3 <sup>RD</sup> Rock Wier Enhancement 5.5m x 1.5m x .67m wetted depth = 20 m	R/L	P Hatchery	Channel confined by rock walls on left/right bank.
87 082	103 104 END PHOTO	6 m	- Concrete Wier Enhancement 5m x .25m x .30m pool depth = .35m - slot cut on right side	R/L	P HATCHERY	NO BARRIER PASSAGE OIL FOR ADULT AND juvenile
88. 083	N/A	4m	BRIDGE Crossing AT Hoy Creek Hatchery. 6.3m x 3.0m x .70m↑	R/L	P	END OF ROCK + cement Banks. Base in good shape.
89 084	1	2	Hoy CREEK POND INTAKE. PERFORATED ALUMINUM screen. 1.85m x .55m x .05m H <sub>2</sub> O = 4.5°C / Air = 4°C	R	P	- trail Access INTAKE FEEDS REARING POND. DRAIN to channel AND BACK to Mainstem Hoy.

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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: Hoy CREEK - COQUITLAM	Date FEB 5, 2009
Organization Name: AQUATEC RESOURCES.	Watershed code 100-2450 - 11000 - 3100
Contact Name: SCOTT DUCHARME.	Phone # 604-690-1474
Stream Segment #	
Stream Section # 3	

## 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
90 085	2 3	6m	Hoy CREEK HATCHERY INTAKE 2 - 15cm intakes FEED 2 pumps. up to 600 Lpm	L	C	* cement slabs protecting exposed BANK. * DRAINS upstream OF INTAKES. .10cm / 4cm Pipes.
91 086	4	13m	* STORM DRAIN outlet * Heavy Iron Present * Culvert Dia = .60m Height = .10m H2O = 8°C ww=.25	L	P	* TRAIL ACCESS on LEFT. * WATER QUALITY CONCERNS. - Culvert 3m FROM CREEK.
92	NA	30m	* Riparian Enhancement & Planting OF CEDAR, willow maple	L	P	* Keep Invasive SPECIES out.
93 087	5 6 7	13m	- SIDE CHANNEL dry SAND SUBSTRATE BF=17m x 7m - BANK EROSION 36m in Length x 11m high	L R		- monitor AFTER hi-Flow events.

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NO GPS.

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

# Stream Reconnaissance Field Data Sheet

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## 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
94 086	8 9	40m	<ul style="list-style-type: none"> <li>LWD JAM, not a barrier.</li> <li>BANK EROSION STARTING UPSTREAM OF LWD.</li> <li>LWD - height = 1m</li> <li>wetted depth = .60m.</li> </ul>	L R	P P	<ul style="list-style-type: none"> <li>MAY require some adjustment FOR adult migration during low flows</li> </ul>
95 089	10 11	111m	<ul style="list-style-type: none"> <li>BANK EROSION 15m x .90m</li> <li>Present BANK height = 1.35m</li> <li>SMALL WOODY DEBRIS JAM</li> </ul>	R R	F U	<ul style="list-style-type: none"> <li>Stable AT present flow.</li> <li>- o.k. Increases habitat</li> </ul>
96 090	12	19m	<ul style="list-style-type: none"> <li>DRAINAGE TRIB</li> <li>H<sub>2</sub>O = 3°C</li> <li>14m x .25m</li> </ul>	R	U	<ul style="list-style-type: none"> <li>- no flow</li> <li>- Pockets of water.</li> </ul>
97 091	13 14 15 16	4	<ul style="list-style-type: none"> <li>- LWD JAM FORCE FLOW TO RB.</li> <li>- PASSIBLE AT Present FLOW.</li> <li>- BANK EROSION 10m x .75m</li> </ul>	L/R L	U	<ul style="list-style-type: none"> <li>- 2<sup>+</sup> CARCASS observed ABOVE Log jam.</li> </ul>
98 092	17 18	32m	<ul style="list-style-type: none"> <li>WOODER - CUT BANK = 1.1m deep</li> <li>height = 1.25m</li> <li>wetted depth = .68m</li> </ul>	L	U	<ul style="list-style-type: none"> <li>Presently stable.</li> <li>1 CARCASS</li> <li>PROVIDES protection &amp; shelter.</li> </ul>

\* 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 - COQUITLAM</i>	Date <i>FEB 5, 2009</i>
Organization Name: <i>AQUATEC RESOURCES -</i>	Watershed code <i>100-02450-11000-3100</i>
Contact Name: <i>S. DUCHAMPEL</i>	Phone # <i>604-690-1474</i>
Stream Segment #	
Stream Section # <i>3</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
<i>99</i> <i>093</i>	<i>19</i> <i>20</i>	<i>26m</i>	<i>BANK EROSION</i> <i>DEAD TREE</i> <i>undercut bank</i> <i>19m x 1.0m</i>	<i>R</i>	<i>R</i>	<i>2 SALMON CARCASSES</i> <i>observed.</i> <i>RESIDENCE</i>
<i>100</i> <i>094</i>	<i>21</i>	<i>14m</i>	<i>log jam +</i> <i>LWD.</i> <i>8m x 1.7m x 1.0m</i> <i>wetted depth = .30m</i>	<i>R/L</i>	<i>R</i> <i>-/u</i>	<i>Requires</i> <i>Adjustment FOR</i> <i>PASSAGE.</i>
<i>101</i> <i>095</i>	<i>22</i>	<i>52m</i>	<i>UNDER-CUT</i> <i>BANK.</i> <i>2.5m x 1.6m ↓</i> <i>BF = 4.5m</i> <i>wetted depth = 20cm</i>	<i>R</i>	<i>R</i>	<i>stable with</i> <i>Roots AND</i> <i>Vegetation.</i>
<i>102</i> <i>096</i>	<i>23</i> <i>24</i>	<i>12m</i>	<i>BANK EROSION</i> <i>1m x 30m long</i>	<i>L</i>	<i>R</i>	<i>minor</i> <i>erosion AT</i> <i>present.</i>

\* 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

## 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
103 099	26 27	28m	- LWD JAM 5.2m x 1.2m x .90m - down stream depth = .45m - Invertebrate may fly observed.	L	P	- Access/Passage on left side - 3 sets of OLD, OILY BOOMS - NEED Removal
104 098	28 29	51m	BANK EROSION 12m x .80m Bank height = 1.15m	R	R	• Invasive Ivy on BANKS • Residence Encroachment.
105 099	30	28m	2 Culverts AND CHANNEL. 10m x 2m wetted depth = .10m Culvert Dia - 1m - 40m	R	R	• 2 OLD ABSORBENT BOOMS left in channel Need Removal. - 1 carcass
106 100	31 32 33	16m	- Boulder placement - Culvert outfall Dia = .60m extends from BANK 2.5m into Creek.	R/L L	R	murky water flowing from Culvert. Water Quality concerns.
107 101	N/A	5m	PEDESTRIAN BRIDGE CROSSING. 9m x 3m height = 1.05m	R/L	P trail	• Base stable • TRAIL Access.

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General comments on this section of the stream

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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: <i>HOY CREEK - COQUITLAM</i>	Date <i>FEB 5, 2009</i>
Organization Name: <i>AQUATEC RESOURCES.</i>	Watershed code <i>100-02450-11000-3100</i>
Contact Name: <i>Scott Ducharme</i>	Phone # <i>604-690-1474</i>
Stream Segment #	
Stream Section # <i>3</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
108 102	34 35	53m	Bank Erosion 6m x 1.4m Bank height = 1.6m	R	R	SPAWNING habitat.
109 103	36	16m	Drainage trib Wet but no flow 11m x .43m	R	R	Drainage from Boggy Area next to residences.
110 104	37	11m	LWD JAM 3m x 1.8m x 1.7 pool depth = .80m	L	R	- Residence Encroachment - Vegetation dumping.
111 105	38 39	22m	TRIBUTARY H <sub>2</sub> O = 5°C Air = 7°C	R	R	Lot's of organic debris not suitable salmon habitat LACK Riparian Vegetation.

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