

*Cooper Creek Aquatic Habitat Analysis*

**Stream Morphology Data Card**

Cascade Cross Section						
Date: 10/3/02		Stream Name: <u>Cooper Creek</u>			Beginning LLID: <u>60.44739N</u> <u>149.84869W</u>	
Crew: <u>J. Kent and P. McLarnon</u>		ADF&G Stream No: _____			End LLID: _____ E _____ N	
		Orthoquad: _____ Resource Photo Flight: _____ Number: _____ Year: _____				
		Site photos: <input checked="" type="checkbox"/> Upstream <input type="checkbox"/> Downstream <input type="checkbox"/> Other: <u>@ cross section-1</u>				
		Current GIS CT: _____ Field verified CT: _____ Current GIS Stream Class: _____ Field verified Stream Class: _____				
Stream gradient: <u>.53</u> %		Incision depth (m): <u>&lt;1, 1 - 1.9, 2 - 3.9, 4 - 5.9, 6 - 9.9, 10 - 19.9, &gt; 20</u>			Channel pattern:	
Rod 1: <u>11.72</u> Distance1: <u>87ft</u>		Downstream left bank: _____ Left sideslope Length: _____ m, Angle: _____ degrees			Single: <input checked="" type="checkbox"/>	
Rod 2: <u>3.4</u> Distance2: <u>69</u>		Downstream right bank: _____ Right sideslope Length: _____ m, Angle: _____ degrees			Multiple: <input type="checkbox"/>	
Bankfull width: <u>3.2</u> m Maximum Bankfull Depth (thalweg depth): <u>2.0</u> m Velocity: <u>3.5</u> fps Method: float _____ meter <input checked="" type="checkbox"/> other _____						
Floodprone width: _____ m (at 2X max bankfull depth) Channel bed width Cross-sectional measurement method: <input checked="" type="checkbox"/> level _____ Clino						
datum 100						
Station	Distance(Ft)	Distance (m)	Stadia	WSL	Depth	Velocity
LBP	30	9.1	4.47			
LEW	27.3	8.3	8.24	8.24	0.7	1.8
LBB	25.6	7.8	9.185		1.1	3.4
T	25	7.6	10.085		2.0	3.5
	24	7.3	9.09		1.5	2.8
	23	7.0	9.32		0.9	2.5
	22	6.7	9.415		1.2	1.9
	21	6.4	9.27		1.2	1.5
	20	6.1	9.39		1.4	1.6
	19	5.8	9.455		1.2	1.2
	18	5.5	9.71		1.6	1.4
	17	5.2	9.48		1.4	1.3
	16	4.9	9.385		1.3	1.1
	15	4.6	9.405		1.3	0.6
	14	4.3	9.325		1.1	0.1
	13	4.0	8.89		0.7	-0.1
	12	3.7	8.49		0.3	-0.4
RBB	11.5	3.5	8.125			
REOW	10.8	3.3	8.065	8.065		
TRB	0	0.0	4.885			
RBP	-2.4	-0.7	1.49			



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Pebble Count Data Sheet

Stream name: Cooper Creek			Crew: Paul McLamon and Jason Kent							
Begin LLID:			End LLID:				Date:		10/4/2002	
Count	Mid	Tansect 1 Size (mm)	US	Tansect 2 Size (mm)	US	Tansect 3 Size (mm)	D/S	Tansect 4 Size (mm)	D/S	Tansect 5 Size (mm)
1		90		2048		16		128		1024
2		32		2048		16		16		1024
3		128		16		16		8		1024
4		64		22.6		22.6		22.6		1024
5		11		32		22.6		45		1024
6		64		45		22.6		32		1024
7		90		90		22.6		45		64
8		180		45		16		32		32
9		11		22.6		22.6		11		22.6
10		512		22.6		64		90		45
11		300		11		32		32		32
12		16		8		45		120		32
13		180		22.6		22.6		32		45
14		180		32		45		90		22.6
15		180		90		22.6		32		32
16		45		45		22.6		16		180
17		45		32		32		32		32
18		300		22.6		64		32		22.6
19		300		16		45		90		22.6
20		300		8		32		22.6		11