

**ODFW AQUATIC INVENTORY PROJECT  
RESTORATION MONITORING  
STREAM HABITAT REPORT**

STREAM: GREEN CREEK  
 GCG: 2-MC  
 SITE ID: 385  
 BASIN: SIUSLAW  
 TREATMENT DATE: 2008  
 SURVEY DATE: 6/23/2008  
 SURVEY CREW: Gwyn Woolley-Scott / Linda Campbell  
 USGS MAPS: MAPLETON  
 ECOREGION: Mid-Coastal Sedimentary  
 REPORT PREPARED BY: Matt Strickland / Sharon Tippery / Charles Stein

**SURVEY DESCRIPTION:**

Channel morphology: Constrained alternately by high terraces and hillslopes

Dominant landuse(s): Second growth timber (15-30 cm dbh)

Dominant riparian vegetation: Deciduous trees: size class 30-50cm dbh

Primary channel length (meters) and area (m<sup>2</sup>): 4,739 : 22,347

Secondary channel length (meters) and area (m<sup>2</sup>) 689 : 1,087

VWI average: 8.2 VWI Range: 1 - 20 Average Gradient: 1.1%

Pieces LWD per 100m: 14.2 Wood Volume (m<sup>3</sup>) per 100m: 12.7

Percent pools: 52% Complex pools (LWD pieces>=3): 42 Pools >=1m deep: 7

Percent substrate (avg):	<u>Silt / organics</u>	<u>Sand</u>	<u>Gravel</u>	<u>Cobble</u>	<u>Boulder</u>	<u>Bedrock</u>
All units	7	23	38	13	2	17
Pool units	6	33	32	9	1	19
Fast water units	2	13	46	18	2	19

**COMMENTS:**

This is a pre-treatment, restoration survey. The crew noted habitat structures consisting of placed boulders and logs already in place throughout the beginning of the survey. They also noted extensive beaver activity throughout the survey including a large dam and pond approximately 3950 meters from the start of the survey. Juvenile coho were observed throughout the survey. Evidence of wildlife included various birds, rough-skinned newts, and a pacific giant salamander.

**OREGON DEPARTMENT OF FISH AND WILDLIFE  
HABITAT INVENTORY**

**GREEN CREEK  
GCG: 2-MC SITE ID: 385**

**Survey Date: 6/23/2008**

**Report Date: 12/29/2008**

**T17S-R09W-S09SW**

**REACH 1**

**Valley and Channel Summary**

Valley Characteristics (Percent Reach Length)

<u>Narrow Valley Floor</u>		<u>Broad Valley Floor</u>	
Steep V-shape	0%	Constraining Terraces	100%
Moderate V-shape	0%	Multiple Terraces	0%
Open V-shape	0%	Wide Floodplain	0%
Valley Width Index	8.2	VWI Range:	1 - 20

Channel Morphology (Percent Reach Length)

<u>Constrained</u>		<u>Unconstrained</u>	
Hillslope	0%	Single Channel	0%
Bedrock	0%	Multiple Channel	0%
Terrace	0%	Braided Channel	0%
Alt. Terrace/Hill	100%		
Landuse	0%		

Channel Characteristics

<u>Type</u>	<u>Length (m)</u>	<u>Area (m2)</u>	<u>Dry Units</u>
Primary	4,739	22,347	1
Secondary	689	1,087	15

Channel Dimensions (m)

<u>Wetted</u>	<u>Active</u>	<u>Floodprone</u> n = 19	<u>First Terrace</u> n = 17
Width: 3.9	Width: 8.7	10.9 ( 5.2 - 53.5 )	11.0 ( 5.8 - 22 )
Depth: 0.28	Height: 0.4	0.7 ( 0.6 - 1 )	1.0 ( 0.7 - 1.6 )

W:D ratio: 24.2

Stream Flow Type: MF

Average Unit Gradient: 1.1%

Water temperature (°C): 10.0 - 10.0

Entrenchment (ACW:FPW ratio): 1.4

Habitat Units/100m (total channel length): 5.7

Habitat Units/100m (primary channel length): 6.6

**Riparian, Bank, and Wood Summary**

	<u>Primary</u>	<u>Secondary</u>
Land Use:	ST	TH
Riparian Vegetation:	D30	S

Bank Condition and Shade

<u>Bank Status</u>	<u>Percent Reach Length</u>	<u>Shade (% of 180)</u>
Actively Eroding:	5%	Reach avg: 78%
Undercut Banks:	15%	Range: 33 - 100

Large Wood Debris

	<u>Total</u>	<u>Total / 100m primary channel</u>
All pieces (>=3m x 0.15m):	675	14.2
Volume (m <sup>3</sup> ):	602	12.7
Key pieces (>=12m x 0.60m):	16	0.3

OREGON DEPT OF FISH AND WILDLIFE

GREEN CREEK

HABITAT INVENTORY

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T17S-R09W-S09SW

REACH 1

HABITAT DETAIL

Habitat Type	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m <sup>2</sup> )	Large Boulders (#>0.5m)	Substrate Percent Wetted Area					
							S/O	Snd	Grvl	Cbl	Bldr	Bdrk
CASCADE/BEDROCK	3	36	5.3	0.03	218	3	0	3	5	3	0	88
CASCADE/BOULDERS	6	46	0.9	0.02	45	16	8	15	21	40	16	0
DRY CHANNEL	6	90	1.2	0.00	140	0	48	22	20	10	0	0
DRY UNIT	6	80	3.0	0.00	190	0	13	48	33	7	0	0
POOL-BACKWATER	13	69	2.6	0.29	184	3	35	53	8	2	0	1
POOL-BEAVER DAM	2	276	8.9	1.60	2,354	0	18	68	10	3	0	3
POOL-DAMMED	3	156	6.7	0.85	1,236	20	22	70	5	3	0	0
POOL-ISOLATED	4	26	2.0	0.21	59	1	43	44	14	0	0	0
POOL-LATERAL SCOUR	107	1,765	4.7	0.56	8,639	172	6	31	33	9	1	20
POOL-STRAIGHT SCOUR	1	15	4.6	0.50	69	1	5	15	40	10	0	30
PUDDLED UNIT	4	113	0.7	0.02	77	0	28	48	24	1	0	0
RAPID/BEDROCK	2	22	4.1	0.19	89	13	0	8	3	0	0	90
RAPID/BOULDERS	16	144	2.6	0.09	388	57	0	10	53	25	8	3
RIFFLE	107	2,489	3.4	0.12	9,217	254	2	14	48	16	1	19
STEP/BEAVER DAM	3	5	13.3	0.09	55	0	5	38	30	27	0	0
STEP/BEDROCK	8	39	6.7	0.06	283	13	0	5	6	2	4	83
STEP/BOULDERS	2	8	5.0	0.18	29	138	0	3	20	20	58	0
STEP/COBBLE	17	51	3.1	0.07	163	3	0	6	75	19	0	0
STEP/LOG	2	0	2.2	0.05	1	0	0	38	63	0	0	0
<b>Total:</b>	<b>312</b>	<b>5,428</b>	<b>3.9</b>	<b>0.28</b>	<b>23,434</b>	<b>694</b>	<b>Avg: 7</b>	<b>23</b>	<b>38</b>	<b>13</b>	<b>2</b>	<b>17</b>

HABITAT SUMMARY

Habitat Group	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Wetted Area		Large Boulders	
					(m <sup>2</sup> )	Percent	Number	(# / 100m <sup>2</sup> )
Dammed & BW Pools	22	527	3.6	0.47	3,833	16.36%	24	0.6
Scour Pools	108	1,780	4.7	0.56	8,708	37.16%	173	2.0
Glides	0	0			0	0.00%	0	0.0
Riffles	107	2,489	3.4	0.12	9,217	39.33%	254	2.8
Rapids	18	166	2.8	0.10	477	2.03%	70	14.7
Cascades	9	82	2.4	0.02	262	1.12%	19	7.2
Step/Falls	32	102	5.0	0.07	530	2.26%	154	29.1
Dry	16	282	1.7	0.01	407	1.74%	0	0.0
Culverts	0	0			0	0.00%	0	0.0

OREGON DEPT OF FISH AND WILDLIFE  
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T17S-R09W-S09SW

REACH 1

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POOL SUMMARY

	<u>Total</u>	Total of all Channel Lengths <u># / Km</u>	Primary Channel Length <u># / Km</u>
All Pools:	130	24.0	27.4
Pools >=1m deep:	7	1.3	1.5
Complex pools (LWD pieces>=3):	42	7.7	8.9
Pool frequency (channel widths/pool):	4.8		
Residual pool depth (avg):	0.48		

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RIPARIAN ZONE  
VEGETATION SUMMARY

REACH 1

Summary of Riparian Zone (0-30m) 18 transects

Total hardwoods/1000	596
Total conifers/1000 ft	24
Total conifers >20" dbh/1000 ft	0
Total conifers >35" dbh/1000 ft	0

Average number of trees in a 5-meter wide band

Diameter class (cm)	Zone 1 0-10 meters		Zone 2 10 - 20 meters		Zone 3 20 - 30 meters		Zones 1-3 0-30 meters	
	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood
3-15cm	0.0	1.3	0.0	1.3	0.0	1.7	0.0	4.2
15-30cm	0.1	0.8	0.0	1.5	0.2	1.4	0.2	3.7
30-50cm	0.0	0.6	0.0	0.3	0.2	0.4	0.2	1.4
50-90cm	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.4
>90cm	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Total/100m2	0.1	3.0	0.0	3.3	0.3	3.5	0.1	3.3

Canopy closure and ground cover

	Zone 1 0-10 meters (%)	Zone 2 10 - 20 meters (%)	Zone 3 20 - 30 meters (%)
Canopy closure	83	68	60
Shrub cover	87	96	97
Grass/forb cover	13	4	3

Predominant landform in each zone

	Zone 1 0-10 meters (%)	Zone 2 10 - 20 meters (%)	Zone 3 20 - 30 meters (%)
Hillslope	22	39	61
High terrace	75	56	25
Low terrace	0	0	0
Floodplain	3	3	0
Wetland/meadow	0	0	0
Stream channel	0	0	0
Roadbed/Railroad	0	3	14
Riprap	0	0	0
Surface slope (%)	14	18	29

**Summary of Riparian Zone (0-30m) for all reaches****18 transects****Summary of riparian zone (0-100 feet) extrapolated to 1,000 feet along stream**

Total hardwoods/1000	596
Total conifers/1000 ft	24
Total conifers >20" dbh/1000 ft	0
Total conifers >35" dbh/1000 ft	0

**Average number of trees in a 5-m wide band**

Diameter class (cm)	Zones 1-3	
	<u>0-30 meters</u>	
	<u>Conifer</u>	<u>Hardwood</u>
3-15cm	0.0	4.2
15-30cm	0.2	3.7
30-50cm	0.2	1.4
50-90cm	0.0	0.4
>90cm	0.0	0.1

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**RIPARIAN ZONE VEGETATION**

Reach 1

Reach 1

Unit	Side	Zone	Surface	Slope	Cover (percent)				Diameter class (cm)					Notes	
					Canopy	Shrub	Grass		3-15	15-30	30-50	50-90	>90		
14	LT	1	HS	65	10	80	20	Conifer							
								Hardwood		1	1				
14	LT	2	HS	55	0	100	0	Conifer							
								Hardwood							
14	LT	3	HS	55	0	100	0	Conifer							
								Hardwood							
14	RT	1	HS	30	10	85	15	Conifer							
								Hardwood			2				
14	RT	2	HS	30	0	100	0	Conifer							
								Hardwood							
14	RT	3	HS	60	0	100	0	Conifer							
								Hardwood	1						
28	LT	1	HT	0	60	100	0	Conifer							
								Hardwood		4					
28	LT	2	HT	0	20	100	0	Conifer							
								Hardwood		1					
28	LT	3	RB	0	0	100	0	Conifer							
								Hardwood							
28	RT	1	HT	0	85	80	20	Conifer							
								Hardwood	1						
28	RT	2	HT	0	65	90	10	Conifer							
								Hardwood	1	2					
28	RT	3	HS	50	75	90	10	Conifer							
								Hardwood		2					
46	LT	1	HT	0	80	80	20	Conifer							
								Hardwood	1	2					
46	LT	2	HT	0	30	100	0	Conifer							
								Hardwood	1						
46	LT	3	HS	50	10	100	0	Conifer							
								Hardwood							
46	RT	1	HT	0	90	80	20	Conifer							
								Hardwood				1			
46	RT	2	HT	0	65	90	10	Conifer							
								Hardwood	1	2					
46	RT	3	HS	25	0	100	0	Conifer							
								Hardwood		2					

68	LT	1	HT	0	100	90	10	Conifer			
								Hardwood	2		1
68	LT	2	HT	0	80	100	0	Conifer			
								Hardwood	1		
68	LT	3	RB	0	10	100	0	Conifer			
								Hardwood	1		
68	RT	1	HT	0	100	70	30	Conifer		1	
								Hardwood			1
68	RT	2	HT	0	90	100	0	Conifer			
								Hardwood	1		1
68	RT	3	RB	0	80	100	0	Conifer		1	
								Hardwood	2		
76	LT	1	HT	0	90	80	20	Conifer			
								Hardwood			
76	LT	2	HS	50	60	90	10	Conifer			
								Hardwood	2		
76	LT	3	RB	0	0	90	10	Conifer			
								Hardwood			
76	RT	1	HT	0	75	95	5	Conifer			
								Hardwood		1	
76	RT	2	HT	0	10	90	10	Conifer			
								Hardwood			
76	RT	3	HS	50	0	100	0	Conifer			
								Hardwood	1		
86	LT	1	HT	60	0	80	10	Conifer			
								Hardwood	2		
86	LT	2	RB	0	0	60	40	Conifer			
								Hardwood			
86	LT	3	HS	60	0	90	10	Conifer			
								Hardwood	2		1
86	RT	1	FP	0	10	25	75	Conifer			
								Hardwood			
86	RT	2	FP	0	20	50	50	Conifer			
								Hardwood	1		
86	RT	3	HS	60	0	90	10	Conifer			
								Hardwood	1		
95	LT	1	HT	0	90	90	10	Conifer			
								Hardwood	1		1
95	LT	2	HS	50	10	90	10	Conifer			
								Hardwood		1	
95	LT	3	RB	0	0	40	60	Conifer			
								Hardwood			
95	RT	1	HT	0	75	85	15	Conifer			
								Hardwood	1		
95	RT	2	HT	0	10	100	0	Conifer			
								Hardwood			



95	RT	3	HS	50	0	100	0	Conifer		
								Hardwood		
120	LT	1	HS	30	100	90	10	Conifer		
								Hardwood		1
120	LT	2	HS	40	95	100	0	Conifer		
								Hardwood		
120	LT	3	HS	40	95	100	0	Conifer		1
								Hardwood	2	
120	RT	1	HT	0	90	80	20	Conifer		
								Hardwood		
120	RT	2	HT	0	40	90	10	Conifer		
								Hardwood		
120	RT	3	HT	0	30	100	0	Conifer		
								Hardwood		
146	LT	1	HT	0	100	90	10	Conifer		
								Hardwood		
146	LT	2	HS	35	95	100	0	Conifer		
								Hardwood	1	
146	LT	3	HS	45	95	100	0	Conifer		
								Hardwood		1
146	RT	1	HT	0	100	100	0	Conifer		
								Hardwood		1
146	RT	2	HT	0	95	100	0	Conifer		
								Hardwood		1
146	RT	3	HS	35	95	100	0	Conifer		
								Hardwood		
165	LT	1	HT	0	90	95	5	Conifer		
								Hardwood	1	
165	LT	2	HS	50	90	100	0	Conifer		
								Hardwood	1	
165	LT	3	HS	50	80	100	0	Conifer		
								Hardwood	2	
165	RT	1	HT	0	100	95	5	Conifer		
								Hardwood		1
165	RT	2	HT	0	100	100	0	Conifer		
								Hardwood	2	1
165	RT	3	HS	10	90	100	0	Conifer		
								Hardwood	2	
184	LT	1	HS	70	95	95	5	Conifer		
								Hardwood		
184	LT	2	HS	60	70	100	0	Conifer		
								Hardwood	1	
184	LT	3	HS	60	90	100	0	Conifer		
								Hardwood	1	
184	RT	1	HT	0	100	90	10	Conifer		
								Hardwood		1

184	RT	2	HT	0	100	100	0	Conifer					
								Hardwood	1				
184	RT	3	HT	0	100	100	0	Conifer					
								Hardwood	1	1			
207	LT	1	HT	0	100	80	20	Conifer					
								Hardwood	5				
207	LT	2	HT	0	100	100	0	Conifer					
								Hardwood	2				
207	LT	3	HS	40	95	100	0	Conifer					
								Hardwood	2	1			
207	RT	1	HT	0	100	80	20	Conifer					
								Hardwood	1				
207	RT	2	HT	0	100	100	0	Conifer					
								Hardwood	2	1			
207	RT	3	HT	0	95	100	0	Conifer					
								Hardwood	4				
224	LT	1	HT	0	100	90	10	Conifer					
								Hardwood				1	
224	LT	2	HT	0	100	100	0	Conifer					
								Hardwood	2	4	1		
224	LT	3	HT	0	100	90	10	Conifer					
								Hardwood	1	4			
224	RT	1	HT	0	95	95	5	Conifer					
								Hardwood		1	1		
224	RT	2	HT	0	80	100	0	Conifer					
								Hardwood	2	1			
224	RT	3	HT	0	80	100	0	Conifer					
								Hardwood	2	2			
237	LT	1	HS	65	100	100	0	Conifer					
								Hardwood	1	3	1		
237	LT	2	HS	50	95	100	0	Conifer					
								Hardwood		3			
237	LT	3	HS	50	95	100	0	Conifer					
								Hardwood	1	2			
237	RT	1	HT	0	100	100	0	Conifer					
								Hardwood					
237	RT	2	HS	25	100	100	0	Conifer					
								Hardwood					
237	RT	3	HS	35	100	100	0	Conifer			1		
								Hardwood	2	1			
260	LT	1	HT	0	95	80	20	Conifer					
								Hardwood				1	
260	LT	2	HT	0	70	100	0	Conifer					
								Hardwood		3			
260	LT	3	HT	0	70	95	5	Conifer					
								Hardwood	1	1			

260	RT	1	HS	45	100	95	5	Conifer				
								Hardwood				
260	RT	2	HS	45	100	100	0	Conifer				
								Hardwood	2		1	
260	RT	3	HS	50	100	100	0	Conifer	1			
								Hardwood	2			
269	LT	1	HT	0	95	80	20	Conifer				
								Hardwood	1	1		
269	LT	2	HT	0	90	100	0	Conifer				
								Hardwood	1			
269	LT	3	HT	0	90	100	0	Conifer			1	
								Hardwood	1			
269	RT	1	HS	65	100	95	5	Conifer				
								Hardwood			1	
269	RT	2	HS	60	95	100	0	Conifer				
								Hardwood	3			
269	RT	3	HS	60	90	100	0	Conifer				
								Hardwood	1			
289	LT	1	HT	0	75	90	10	Conifer				
								Hardwood	2			
289	LT	2	HS	40	90	100	0	Conifer				
								Hardwood	3	1		
289	LT	3	HS	45	100	100	0	Conifer			1	
								Hardwood	2			
289	RT	1	HT	0	90	90	10	Conifer				
								Hardwood	4			
289	RT	2	HT	0	100	100	0	Conifer				
								Hardwood		1	1	
289	RT	3	HT	0	100	100	0	Conifer				
								Hardwood		3		
304	LT	1	HS	60	95	100	0	Conifer				
								Hardwood				
304	LT	2	HS	60	80	100	0	Conifer				
								Hardwood				
304	LT	3	HS	60	85	100	0	Conifer				
								Hardwood	2	2		
304	RT	1	HT	0	100	100	0	Conifer				
								Hardwood	1			1
304	RT	2	HT	0	100	100	0	Conifer				
								Hardwood		1	1	
304	RT	3	HT	0	100	100	0	Conifer				
								Hardwood	1	2		

COMMENT SUMMARY

MONITORING AREA: 2-MC      SITE ID: 385      STREAM: GREEN CREEK

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTES
3	LP	00	104	HS	CABLED LOGS, PLACED BOULDERS
10	RI	00	187.5	HS	CABLED LOG, PLACED BOULDER
14	RI	01	297.5	/SS	
22	RI	01	458.6	TJ/	
23	CB	11	458.6	WL	T=10C, HUMMINGBIRDS IN SALMONBERRY
24	RI	01	471.6	/SS	WATER FLOWING UNDERNEATH LOG JAM W/ TREES GROWING ON JAM
25	RI	02	471.6	SS/	WATER FLOWING UNDERNEATH LOG JAM, POSSIBLE OLD HAB PROJECT
29	LP	00	534.3	WL	WESTERN TANIGERS IN RIPARIAN
35	RI	00	618.1	HS, DJ	PLACED BOULDERS
36	DP	01	629.1		LOTS OF STEELHEAD FRY IN DAM POOL
42	RB	00	685.1	HS, DJ	PLACED BOULDERS
45	LP	00	727.1	DJ, WL	BAND-TAILED PIDGEON IN ALDERS
46	RI	01	774.1	TJ/	
50	LP	01	825.1	HS	PLACED BOULDERS
51	BW	10	825.1	HS	PLACED BOULDERS
53	LP	01	857.6	/SS	
54	IP	10	857.6	HS	PLACED BOULDER. IP IN BACK CHAN W/ DEEP SCOUR
56	SB	00	866.6		H=0.30M
60	LP	00	942.1	DJ	
62	LP	00	979.1	AM	LOTS OF STEELHEAD FRY. DEAD ADULT PGS IN POOL.
67	LP	00	1071.1	BC,CS/CS	HS,AM; PLACED BOULDERS, PACIFIC GIANT SALAMANDER JUV.
69	RI	01	1171.1	HS	PLACED BOULDERS

COMMENT SUMMARY

MONITORING AREA: 2-MC      SITE ID: 385      STREAM: GREEN CREEK

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTES
70	RI	01	1196.1	HS	OLD PLACED LOGS, BOULDERS
73	LP	00	1245.1	AM	ROUGH-SKINNED NEWT, PACIFIC GIANT SALAMANDER JUVENILE
75	LP	00	1262.1	HS	PLACED BOULDERS
81	LP	00	1389.1	DJ, HS, BV	PLACED LOGS, BOULDERS
82	SD	00	1390.7	BD	H=1.0M WATER FLOW THROUGH DAM.
83	DP	00	1512.7	BV, HS	HEAVY BEAVER ACTIVITY, LOTS OF COHO, HS AT END OF POOL
84	SB	00	1518.7	HS	PLACED BOULDERS, CABLED LOGS
85	DP	00	1541.7	BV	LOTS OF LARGE COHO FRY
86	SD	00	1542.8	BD	H=0.50M, COMPLICATED BV COMPLEX, ACTIVE CHAN WIDE, SWAMPY HS TO HS
87	BP	00	1694.8	BV	VERY WIDE ACW, MASSIVE SWAMP BEHIND BV DAM, H2O FLOWS THRU DAM
89	LP	01	1716.8	BV	
100	LP	01	1873.7	AM, TJ/	ROUGH-SKINNED NEWT
101	RB	11	1873.7		T=10C
103	LP	00	1899.9		LOTS OF COHO AND STEELHEAD FRY
110	LP	00	2025.4		LOTS OF CUTTHROAT IN POOL
114	SL	01	2070.3		H=0.10M
117	LP	02	2085.3	TJ/	
118	DC	11	2085.3		NO GPS SIGNAL
120	RI	01	2120.3	WL	ANNAS HUMMINGBIRD
125	RB	01	2200.3	TJ/	
129	RI	01	2234.3	/TJ	
130	CB	11	2234.3		T=12C

**COMMENT SUMMARY**

MONITORING AREA: 2-MC      SITE ID: 385      STREAM: GREEN CREEK

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTES
132	LP	01	2255.3	BC,TJ/	CS/CS, CONCRETE STABILIZATION
134	RI	00	2261.3	/CS	
135	LP	00	2277.3	/CS	BOULDERS PLACED TO STABILIZE ROAD
138	SL	01	2317.45		H=0.15CM
144	PD	02	2361.45		MAX DEPTH=0.10M
146	RI	00	2382.45		NO GPS SIGNAL
151	LP	00	2455.45	SS/	
155	RI	01	2529.45	/TJ, / SS	
158	RI	01	2582.45	/TJ	
159	RI	11	2582.45		T=11C
165	RI	01	2694.45	/TJ	NO GPS SIGNAL
166	DC	11	2694.45		NO GPS SIGNAL
169	BW	10	2717.45	AM	ROUGH-SKINNED NEWT
170	RI	00	2731.45	SS/	
173	RB	11	2773.45		T=11C
175	LP	01	2793.45	/TJ, AM	ROUGH-SKINNED NEWT
184	RI	01	2898.75	DJ	LOG JAM HAS CREATED COMPLEX CHANNEL DURING HIGH FLOWS.
187	DU	01	2912.25		WATER FLOWS UNDERNEATH GROUND WHERE A TREE IS HOLDING THE SOIL.
190	PD	03	2945.25	/SS	
192	IP	10	2945.25		COHO FRY IN POOL.
194	IP	10	2945.25	/SS	
195	LP	00	2974.25	BV	

COMMENT SUMMARY

MONITORING AREA: 2-MC      SITE ID: 385      STREAM: GREEN CREEK

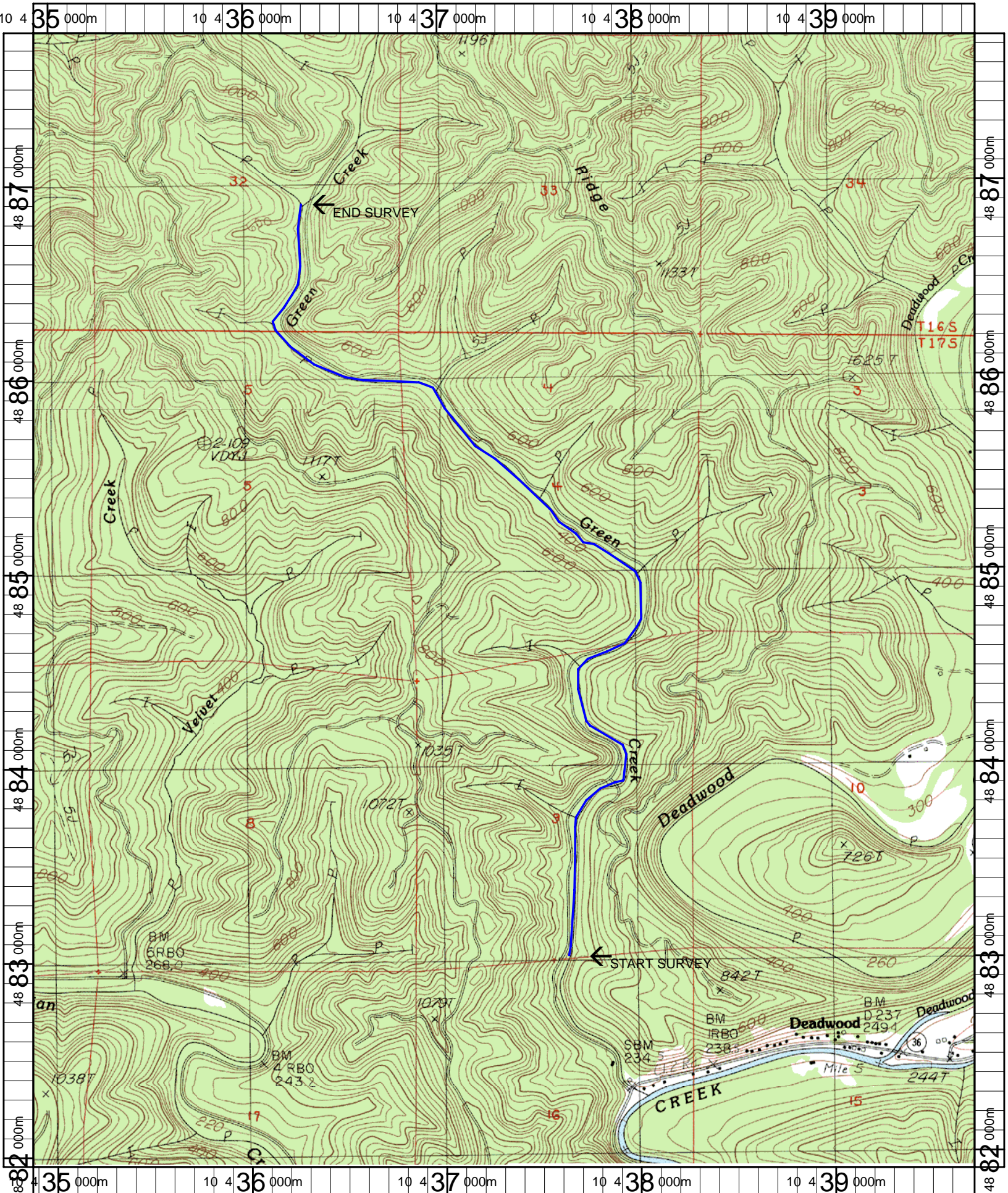
UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTES
196	RI	00	3013.75	SS/	
201	LP	01	3107.15	TJ/	
202	CR	11	3107.15		T=11C
206	LP	00	3121.15	SS/	
208	LP	00	3146.15	BV	
212	LP	00	3189.95	/SS	
216	LP	01	3267.95	SS/	
222	CB	11	3335.95		TRIB T=11C, NO GPS
226	RI	01	3415.95	/TJ	
227	RB	11	3415.95		T=11C
235	RI	00	3618.95	/SS	
237	RB	01	3647.95		NO GPS SIGNAL
238	CB	11	3647.95		NO GPS SIGNAL
240	SC	10	3658.95		H=0.15M
250	LP	00	3790.45	DJ	
251	RI	01	3823.45	BV	
253	LP	00	3844.45	BV	
254	RI	01	3853.45	BV	
263	LP	00	3927.45	BV	
264	RI	00	3940.45	BV	HEAVY BEAVER ACTIVITY
265	LP	00	3946.45	BV	
266	SD	00	3948.45	BD	H=1.2M, MASSIVE BEAVER DAM

COMMENT SUMMARY

MONITORING AREA: 2-MC      SITE ID: 385      STREAM: GREEN CREEK

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTES
267	BP	00	4072.45	BV	LARGE BEAVER POND, ACTIVE CHANNEL VERY WIDE.
269	RI	01	4161.45	/TJ	
270	CB	11	4161.45		T=11C
277	LP	00	4242.95		COHO IN POOL
291	RI	01	4421.45	TJ/	
292	RB	11	4421.45		T=12C
305	BW	10	4626.65		LOTS OF COHO FRY
310	LP	01	4702.35	/TJ	





Name: MAPLETON  
 Date: 12/11/2007  
 Scale: 1 inch equals 2000 feet

Location: 10 437318 E 4884851 N  
 Caption: GREEN CREEK RESTORATION SITE - SIUSLAW BASIN