

**ODFW AQUATIC INVENTORY PROJECT  
OREGON PLAN FOR SALMON & WATERSHEDS  
STREAM RESTORATION HABITAT REPORT**

STREAM: Yellow Creek (U-262)  
BASIN: Umpqua River  
SURVEY TYPE: Pre-Tx  
DATE: June 27, 2005  
SURVEY CREW: Kevin Drake, Eric Coleman  
REPORT PREPARED BY: Paul Jacobsen  
BASIN AREA: 54.1 km<sup>2</sup>  
USGS MAPS: Tyee Mountain, Yellow Butte  
ECOREGION: Coast Range Mid-Coastal Sedimentary

**GENERAL DESCRIPTION:**

The Yellow Creek habitat survey extended 5,705 meters. The channel was constrained by terraces in a broad valley floor. The average valley width index was 6.0 (range: 1.5-50.0). Land use for the reach was mature (50-90 cm dbh) trees and agriculture. The average unit gradient was 1.4 percent. Riffles (36%) and scour pools (33%) dominated stream habitat. Bedrock (30%) and gravel (30%) dominated stream substrate. Wood volume was very low at 9.6 m<sup>3</sup>/100m.

**COMMENTS:**

There were no potential barriers to upstream fish migration in the surveyed length.

REACH 1

T24S-R07W-S11SE

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	6.0	VWI Range:	1.5 - 50

Channel Morphology (Percent Reach Length)

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

Channel Characteristics

<u>Type</u>	<u>Length (m)</u>	<u>Area (m2)</u>	<u>Dry Units</u>
Primary Channel	5,705	50,650	0
Secondary Channel	409	838	5
Off-Channel Units	263	450	1

Channel Dimensions (m)

<u>Wetted</u>	<u>Active</u>	<u>Floodprone</u> n = 24	<u>First Terrace</u> n = 23
Width: 7.5	Width: 14.0	18.6 ( 10.7 - 33.3 )	23.0 ( 13.5 - 53.3 )
Depth: 0.38	Height: 0.6	1.3 ( 0.9 - 1.8 )	1.9 ( 1.1 - 4.3 )

W:D ratio: 22.7  
 Stream Flow Type: MF  
 Average Unit Gradient: 1.4%  
 Water temperature (°C): 15.0 - 15.0

Entrenchment (ACW:FPW ratio): 1.3  
 Habitat Units/100m (total channel length): 4.8  
 Habitat Units/100m (primary channel length): 5.4

**Riparian, Bank, and Wood Summary**

	<u>Primary</u>	<u>Secondary</u>
Land Use:	MT	AG
Riparian Vegetation:	D15	C15

Bank Condition and Shade

<u>Bank Status</u>	<u>Percent Reach Length</u>	<u>Shade (% of 180)</u>
Actively Eroding:	14%	Reach avg: 76%
Undercut Banks:	4%	Range: 36 - 100

Large Wood Debris

	<u>Total</u>	<u>Total / 100m primary channel</u>
All pieces (>=3m x 0.15m):	473	8.3
Volume (m <sup>3</sup> ):	545	9.6
Key pieces (>=12m x 0.60m):	16	0.3

OREGON DEPT OF FISH AND WILDLIFE

YELLOW CREEK PRE-TX (4-UJP, 262)

HABITAT INVENTORY

Report Date: 4/26/2006

Survey Date:

7/11/2005

REACH 1		T24S-R06W-S37SW					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	4	44	5.3	0.12	341	0	0	0	5	5	0	90
CASCADE/BOULDERS	21	433	6.0	0.20	3,101	357	0	7	31	30	28	3
CULVERT CROSSING	2	28	1.1	0.04	32	0	40	6	22	22	11	0
DRY UNIT	2	31	0.9	0.00	27	0	28	13	43	18	0	0
GLIDE	2	61	11.0	0.20	671	3	0	10	75	13	3	0
POOL-ALCOVE	2	19	1.4	0.23	26	0	3	18	20	25	20	15
POOL-BACKWATER	11	69	3.8	0.43	237	6	5	16	30	8	7	34
POOL-BEAVER DAM	1	14	3.2	0.50	45	0	10	10	80	0	0	0
POOL-ISOLATED	1	4	1.0	0.10	4	0	80	20	0	0	0	0
POOL-LATERAL SCOUR	90	1,927	8.3	0.78	16,682	519	2	11	32	15	11	29
POOL-PLUNGE	5	28	9.5	0.69	365	4	0	9	25	19	7	40
PUDDLED UNIT	4	143	0.7	0.08	87	3	35	19	26	15	5	0
RAPID/BEDROCK	16	445	10.2	0.20	4,598	152	0	5	12	9	9	65
RAPID/BOULDERS	21	536	7.9	0.20	4,410	281	0	6	33	26	23	11
RIFFLE	57	1,710	7.4	0.18	13,604	296	2	8	39	17	8	26
RIFFLE W/ POCKETS	18	601	8.8	0.34	5,264	237	0	7	22	17	17	37
STEP/BEAVER DAM	1	0	3.0	0.05	1	0	20	20	60	0	0	0
STEP/BEDROCK	23	159	9.0	0.12	1,525	18	0	1	5	4	2	89
STEP/BOULDERS	10	56	7.2	0.17	428	95	0	4	17	29	47	3
STEP/COBBLE	13	70	6.8	0.12	491	6	0	5	68	21	5	1
STEP/STRUCTURE	3	0	0.9	0.06	1	0	33	8	25	28	6	0
<b>Total:</b>	307	6,377	7.5	0.38	51,939	1,977	<b>Avg:</b> 3	8	30	17	12	30

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	15	105	3.3	0.38	312	0.60%	6	1.9
Scour Pools	95	1,954	8.3	0.78	17,047	32.82%	523	3.1
Glides	2	61	11.0	0.20	671	1.29%	3	0.4
Riffles	75	2,311	7.7	0.22	18,868	36.33%	533	2.8
Rapids	37	981	8.9	0.20	9,007	17.34%	433	4.8
Cascades	25	477	5.9	0.19	3,442	6.63%	357	10.4
Step/Falls	50	286	7.4	0.13	2,445	4.71%	119	4.9
Dry	6	174	0.7	0.05	114	0.22%	3	2.6
Culverts	2	28	1.1	0.04	32	0.06%	0	0.0

REACH 1

T24S-R07W-S11SE

REACH 1

**POOL SUMMARY**

	<u>Total</u>	Total of all Channel Lengths <u># / Km</u>	Primary Channel Length <u># / Km</u>
All Pools:	110	17.2	19.3
Pools >=1m deep:	22	3.4	3.9
Complex pools (LWD pieces>=3):	27	4.2	4.7
Pool frequency (channel widths/pool):	4.1		
Residual pool depth (avg):	0.61		

OREGON DEPARTMENT OF FISH AND WILDLIFE  
HABITAT INVENTORY

YELLOW CREEK PRE-TX  
GCG: 4-UMP SITE ID: 262

Survey Date 6/27/2005

RIPARIAN ZONE

Report Date: 4/26/2006

VEGETATION SUMMARY

REACH 1

Summary of Riparian Zone (0-30m) 23 transects

Total hardwoods/1000	1490
Total conifers/1000 ft	366
Total conifers >20" dbh/1000 ft	74
Total conifers >35" dbh/1000 ft	13

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	0.4	6.0	0.5	5.3	1.5	6.4	2.4	17.7
15-30cm	0.1	1.4	0.2	1.4	0.6	1.7	0.9	4.5
30-50cm	0.1	0.9	0.5	0.6	0.8	0.3	1.5	1.7
50-90cm	0.2	0.3	0.3	0.1	0.5	0.1	1.0	0.5
>90cm	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.1
Total/100m2	1.0	8.6	1.5	7.3	3.5	8.6	2.0	8.1

Canopy closure and ground cover

	Zone 1 0-10 meters (%)	Zone 2 10 - 20 meters (%)	Zone 3 20 - 30 meters (%)
Canopy closure	49	51	61
Shrub cover	40	31	27
Grass/forb cover	36	32	37

Predominant landform in each zone

	Zone 1 0-10 meters (%)	Zone 2 10 - 20 meters (%)	Zone 3 20 - 30 meters (%)
Hillslope	24	35	63
High terrace	63	46	33
Low terrace	11	4	0
Floodplain	0	0	0
Wetland/meadow	0	0	0
Stream channel	0	0	0
Roadbed/Railroad	2	15	4
Riprap	0	0	0
Surface slope (%)	15	16	22

**Summary of Riparian Zone (0-30m) for all reaches**

**23 transects**

**Summary of riparian zone (0-100 feet) extrapolated to 1,000 feet along stream**

Total hardwoods/1000	1490
Total conifers/1000 ft	366
Total conifers >20" dbh/1000 ft	74
Total conifers >35" dbh/1000 ft	13

**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	2.4	17.7
15-30cm	0.9	4.5
30-50cm	1.5	1.7
50-90cm	1.0	0.5
>90cm	0.2	0.1

**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	LF	2	HT	0	50	5	0	Conifer		1		1		45 PERCENT DUFF
								Hardwood	14	3				
14	LF	3	HS	25	60	5	0	Conifer		2	2			
								Hardwood	20					
14	RT	1	HT	0	90	50	10	Conifer						
								Hardwood	2	1				
14	RT	2	HT	0	50	50	50	Conifer						
								Hardwood	1	2				
14	RT	3	HT	0	0	0	100	Conifer						
								Hardwood						
14	LF	1	HT	0	90	50	30	Conifer						460815, 4815295
								Hardwood	7		1			
21	LF	2	HS	14	80	5	5	Conifer				1		90 PERCENT DUFF
								Hardwood	23					
21	RT	3	HT	0	0	0	50	Conifer						ALSO ROAD BED
								Hardwood						
21	RT	2	HT	0	0	0	100	Conifer						
								Hardwood						
21	LF	3	HS	19	80	5	5	Conifer	1					ACTIVE ROAD ABOVE, 90
								Hardwood	17					461251, 4815501, 85
21	LF	1	HT	0	70	5	10	Conifer	1			1		PER DUFF 15 PERCENT DUFF
								Hardwood	12	2				
21	RT	1	HT	0	70	50	35	Conifer						
								Hardwood	5	1	1			
33	LF	1	HT	0	40	60	40	Conifer						461500, 4815517
								Hardwood	4	1				
33	LF	2	HT	0	20	80	20	Conifer						REST OF SIDE ESTIMATED
								Hardwood	3					
33	LF	3	HT	0	20	80	20	Conifer						
								Hardwood	4					
33	RT	3	HT	0	80	40	60	Conifer						
								Hardwood	5					
33	RT	1	HT	0	30	30	70	Conifer	4		1			
								Hardwood		1	1			
33	RT	2	HT	0	40	20	30	Conifer						REST OF SIDE ESTIMATED
								Hardwood	1			1		

46	LF	2	HT	0	50	20	30	Conifer Hardwood	6								THIS RIP ESTIMTD, 50 PER DUFF
46	RT	2	LT	0	0	85	15	Conifer Hardwood									
46	LF	3	HT	0	80	10	35	Conifer Hardwood	12	2							55 PERCENT DUFF
46	RT	3	HT	0	75	30	45	Conifer Hardwood	3	1	1						25 PERCENT DIRT
46	LF	1	HT	0	0	10	60	Conifer Hardwood									461730, 4815647, 30 PER DIRT
46	RT	1	LT	0	0	80	20	Conifer Hardwood									
56	RT	3	HT	0	70	5	25	Conifer Hardwood	1	10	3						70 PERCENT DUFF
56	RT	2	LT	0	70	50	30	Conifer Hardwood		3							20 PERCENT DUFF
56	RT	1	LT	0	40	30	60	Conifer Hardwood				1					10 PERCENT DUFF
56	LF	3	HS	30	75	0	35	Conifer Hardwood	32	3							65 PERCENT DUFF
56	LF	1	HT	0	70	0	35	Conifer Hardwood	8	4	7	1					461859, 4815750, 65 PER DUFF
56	LF	2	HT	0	70	5	50	Conifer Hardwood	15	3							45 PERCENT DUFF
64	RT	2	HT	0	80	15	40	Conifer Hardwood	1	1	1						45 PERCENT DUFF
64	LF	1	HS	64	5	80	5	Conifer Hardwood									461999, 4815841 15% DUFF
64	LF	2	HS	64	20	20	50	Conifer Hardwood	5	1							20% ROCK, 10 PERCENT DUFF
64	LF	3	HS	64	70	30	10	Conifer Hardwood	10								
64	RT	1	HT	0	60	60	30	Conifer Hardwood				1					10 PERCENT DUFF
64	RT	3	HT	0	80	5	20	Conifer Hardwood	6	1	1						75 PERCENT DUFF
76	RT	3	RB	0	15	10	10	Conifer Hardwood									80 PERCENT GRAVEL
76	LF	2	HT	0	80	60	0	Conifer Hardwood									40 PERCENT DUFF
76	LF	3	HS	40	80	20	5	Conifer Hardwood		6	1						1 75 PERCENT DUFF
76	RT	1	HT	0	95	90	5	Conifer Hardwood	5								THIS SIDE ESTIMTD, 5 PE DUFF
76	LF	1	HT	0	65	60	10	Conifer Hardwood	7		1						462164, 4815887, 30 PER DUFF



76	RT	2	HT	0	70	60	30	Conifer			1	10 PERCENT DUFF
								Hardwood	6	2		
86	LF	2	HT	0	50	35	20	Conifer	2			ESTIMATED, LOTS OF UNCOUNTED HARDWOODS IN 3 - 15
								Hardwood				
86	LF	3	HT	0	50	35	20	Conifer				
								Hardwood				
86	RT	1	HT	0	60	60	30	Conifer				
								Hardwood	9			
86	RT	2	HT	0	30	15	30	Conifer				55 PERCENT GRAVEL
								Hardwood				
86	RT	3	RB	0	15	10	10	Conifer				80 PERCENT GRAVEL
								Hardwood				
86	LF	1	LT	0	70	30	15	Conifer			1	462247, 4815883, 55 PER DUFF
								Hardwood	11			10 PER DUFF, 50 PER GRVL
96	RT	2	RB	0	20	20	20	Conifer				
								Hardwood				
96	RT	3	HS	65	35	20	60	Conifer	2	1	1	
								Hardwood	2			1
96	LF	1	LT	0	60	20	10	Conifer				462485, 4815888, 70 PER DUFF
								Hardwood	8	3	1	
96	LF	2	HT	0	80	10	30	Conifer				
								Hardwood	12	5	1	
96	LF	3	HT	0	60	20	40	Conifer				
								Hardwood				
96	RT	1	HS	37	10	40	50	Conifer				10 PERCENT DUFF
								Hardwood				
108	LF	1	LT	0	70	40	26	Conifer				462670, 4815864, 40 PER DUFF
								Hardwood			1	
108	LF	3	HT	0	60	60	30	Conifer		1	1	
								Hardwood		2		
108	RT	1	HT	0	70	40	50	Conifer				10 PERCENT DUFF
								Hardwood	3	1		
108	RT	2	RB	0	10	5	20	Conifer				75 PERCENT GRAVEL
								Hardwood				
108	RT	3	HS	20	60	50	45	Conifer	4			5 PERCENT DUFF
								Hardwood		4		
108	LF	2	HT	0	80	40	20	Conifer				40 PERCENT DUFF
								Hardwood	2	1	1	
121	LF	3	HS	35	70	40	20	Conifer	4	2	1	40 PERCENT DUFF
								Hardwood				
121	RT	3	HS	48	65	10	30	Conifer	2			60 PERCENT DUFF
								Hardwood	1			
121	RT	1	HS	30	10	60	30	Conifer	1		1	462678, 4815887, 10 PER DUFF
								Hardwood				50 PERCENT DUFF
121	LF	2	HT	0	70	40	10	Conifer	3	1	1	
								Hardwood				



174	LF	3	HS	65	80	20	30	Conifer Hardwood	2	1	1	50 PERCENT DUFF		
174	RT	1	HT	0	60	40	40	Conifer Hardwood	5	1		10 PER GRAVEL, 10 PER DUFF		
174	RT	2	RB	0	25	70	10	Conifer Hardwood				80 PERCENT GRAVEL		
184	LF	2	HS	78	50	40	50	Conifer Hardwood			1	10 PERCENT DUFF		
184	LF	1	RB	0	30	30	60	Conifer Hardwood		1	1	463946, 4816552, 10 PER DUFF		
184	LF	3	HS	78	80	30	50	Conifer Hardwood	1		1	20 PERCENT DUFF		
184	RT	2	HT	0	95	10	80	Conifer Hardwood	2			10 PERCENT DUFF		
184	RT	3	HT	0	85	40	40	Conifer Hardwood	1	2		20 PERCENT DUFF		
184	RT	1	HT	0	95	20	70	Conifer Hardwood	3		2	1		
202	RT	2	RB	0	0	15	15	Conifer Hardwood					70 PERCENT GRAVEL, ALSO HS	
202	RT	3	HS	2	0	0	90	Conifer Hardwood					10 PERCENT DUFF	
202	RT	1	HT	0	30	70	15	Conifer Hardwood	1	1			5 PERCENT DUFF, ALSO LT	
202	LF	3	HS	25	95	0	65	Conifer Hardwood	1		3		35 PERCENT DUFF	
202	LF	2	HT	0	10	30	70	Conifer Hardwood						
202	LF	1	HT	0	5	85	15	Conifer Hardwood					464148, 4816602	
217	LF	2	HS	20	80	0	20	Conifer Hardwood	1		1		80 PERCENT DUFF	
217	LF	3	HS	20	90	0	20	Conifer Hardwood	2	2		1	80 PERCENT DUFF	
217	RT	1	HS	85	60	10	20	Conifer Hardwood	3			1	70 PERCENT ROCK	
217	RT	2	HS	85	60	25	25	Conifer Hardwood	2				50 PERCENT ROCK	
217	RT	3	HS	30	60	40	30	Conifer Hardwood				1	30 PERCENT DUFF	
217	LF	1	HT	0	70	20	40	Conifer Hardwood	2			1		
217	LF	1	HT	0	70	20	40	Conifer Hardwood	2			2	1	464430, 4816842, 50 PER DUFF
233	LF	2	HS	10	85	30	30	Conifer Hardwood		1			REST OF SIDE EST, 40 PER DUFF	
233	RT	2	HS	72	50	10	90	Conifer Hardwood			2			

233	RT	3	HS	30	70	30	70	Conifer			1	1	
								Hardwood					
233	LF	3	HS	15	80	35	30	Conifer	1				35 PERCENT DUFF
								Hardwood	4				
233	LF	1	HS	5	30	90	10	Conifer	1				464420, 4816941
								Hardwood	3				
233	RT	1	HS	85	40	10	60	Conifer			1	1	30 PERCENT DUFF
								Hardwood			1		
245	RT	3	HS	45	95	40	40	Conifer				2	20 PERCENT DUFF
								Hardwood				1	
245	LF	1	HT	0	20	50	50	Conifer	1				464613, 4817189
								Hardwood	1				
245	LF	2	HS	20	90	70	30	Conifer		1	4		
								Hardwood		3			
245	LF	3	HS	20	70	30	20	Conifer			3		50 PERCENT DUFF
								Hardwood					
245	RT	1	HS	85	80	30	60	Conifer					10 PERCENT DUFF
								Hardwood				1	
245	RT	2	HS	85	80	60	20	Conifer					20 PERCENT DUFF
								Hardwood					
257	RT	3	HS	20	80	5	50	Conifer					45 PERCENT DUFF
								Hardwood					
257	RT	2	HT	0	90	15	30	Conifer			1	1	55 PERCENT DUFF
								Hardwood					
257	RT	1	HT	0	0	80	20	Conifer					
								Hardwood	1				
257	LF	3	HS	15	85	40	40	Conifer	3	3		2	20 PERCENT DUFF
								Hardwood	1				
257	LF	1	HS	82	85	0	35	Conifer			1		464613, 4817259, 65 PER DUFF
								Hardwood	2	4			
257	LF	2	HS	15	60	90	10	Conifer					
								Hardwood	1	5			
279	LF	3	HS	25	40	30	40	Conifer					30 PERCENT DUFF
								Hardwood					
279	LF	1	HS	69	30	15	70	Conifer					464889, 4817437, 15 PER DUFF
								Hardwood	1				
279	RT	1	HT	0	60	60	30	Conifer					10 PERCENT DUFF, ALSO LT
								Hardwood			1		
279	RT	2	HT	0	65	40	40	Conifer			2		20 PERCENT DUFF
								Hardwood					
279	RT	3	HT	0	65	30	60	Conifer	1		2	1	10 PERCENT DUFF
								Hardwood					
279	LF	2	HS	60	70	15	70	Conifer					1
								Hardwood	6	2	3		
300	RT	2	HS	29	30	40	20	Conifer	1				REST OF SIDE EST, 20 PER DUFF
								Hardwood			6		

300	RT	3	HS	30	50	60	30	<b>Conifer</b>		3		10 PERCENT DUFF
								<b>Hardwood</b>				
300	RT	1	HS	62	30	5	95	<b>Conifer</b>				
								<b>Hardwood</b>				
300	LF	3	HT	0	70	30	60	<b>Conifer</b>	2		1	10 PERCENT DUFF
								<b>Hardwood</b>				
300	LF	2	HT	0	60	10	80	<b>Conifer</b>		1		10 PERCENT DUFF
								<b>Hardwood</b>				
300	LF	1	HT	0	40	20	75	<b>Conifer</b>			1	464991, 4817603, 5 PER DUFF
								<b>Hardwood</b>	2			

# Comment Summary

## Restoration Monitoring Sites 2005

MONITORING AREA: 4-UMP    SITE ID: 262    YELLOW CREEK PRE-TX

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
1	RR	00	17		CLOSE TO N UMPQUA	T = 15 C
3	SR	00	38	BC	H = .4 M, BC	HWY 138
7	SR	00	87			BURN PILE PUSHED DOWN
8	RI	01	125			OLD CONCRETE PILLARS
18	LP	00	408.5		PINK FLAG=12-4 38B SITE	PINK FLAGGING
22	RR	00	540.4	SS/		SS IS DRY, FLAG = SITE 12/6
23	LP	00	555.4			FLAG = SITE 12/7
25	RP	00	611.9	/CS	/CS BOULDERS	CS IS FROM NEARBY ROAD
26	RR	00	628.7	/CS		
27	LP	00	652.7		SEVERAL SM POOLS	
29	SB	00	673.2		H = .75	
33	CB	00	767.2			T = 15 C
34	LP	00	784.2		FRY	
35	LP	00	821.2			LOTS OF FRY
42	LP	00	948.8		BEAVER	OLD CAR FRAME IN STREAM
43	RI	00	967.8	BV		
44	SC	00	970.6		H = .2 M	
45	LP	00	1030.6			BEDROCK = HARDPAN
46	LP	01	1057.6	/WL, CE,SS		WOOD DUCK
51	SC	01	1119.2	BV		
52	PD	02	1119.2	BV		

# Comment Summary

## Restoration Monitoring Sites 2005

MONITORING AREA: 4-UMP    SITE ID: 262    YELLOW CREEK PRE-TX

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
53	LP	00	1162.5			SILT/ORGANIC = HARDPAN
55	LP	00	1202.2	SS/		U 53 - 55 = CA-CT
57	LP	00	1271.2	BV		
59	RI	00	1341.2			U 59 - 60 = CA-CT
61	RI	00	1421.8			CHNL DIVIDES THROUGH G
63	RI	00	1452.8			CHNL DIVIDES THROUGH G
64	LP	00	1488.3			U 64-75 = CA-CT
68	CB	01	1554.2	BV		OLD BLOWN OUT DAM
72	LP	02	1554.2			POOL FORMED BY OLD BV
73	SS	02	1554.2		H = .5 M, FROG	STRUCTURE OF SMALL DEB
75	LP	00	1633.2	BV		BV CUTS ARE FRESH
78	BW	10	1708.2			U 78-85, 87 = CA-CT
86	RI	02	1768.9	BV		OLD BLOWN OUT DAM
91	RP	00	1874.9			POCKETS IN THE BEDROCK
92	RP	00	1917.9			RED, WHITE, BLUE FLAG = S
93	RI	00	1950.6			U 91 - 93 CT-CT, U 94 CA-CT
96	LP	00	2012.5			RED, WHITE, BLUE FLAG = S
97	SB	00	2016.5	CE		DRY CULVERT
98	LP	00	2057.5			SMALL FRY
100	RI	00	2115.5			RED, WHITE, BLUE FLAG = S
101	RI	00	2158.5			U 101-113 = CT-CT

# Comment Summary

## Restoration Monitoring Sites 2005

MONITORING AREA: 4-UMP    SITE ID: 262    YELLOW CREEK PRE-TX

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
102	LP	00	2187.5			RED, WHITE, BLUE FLAG = S
103	RB	01	2210.1	/TJ		
104	CB	11	2210.1		TRIB	
106	SS	11	2210.1		H = .2 M	
107	CC	11	2210.1	CC	CULV DIAM. = 1.35 M	NO SUBSTRATE IN CULVER
114	RI	00	2382.5	BV		CA-CT, OLD BLOWN OUT BV
115	RI	00	2400.5			ORANGE FLAG=MID POINT 1
116	PP	00	2404.5			U 114 - 121 = CA-CT
117	SB	00	2405.5		H = .5 M	
118	LP	00	2434.5	LI		
119	SB	00	2437.5			RED, WHITE, BLUE FLAG = S
122	LP	00	2487.5	CS/		LARGE WOOD W/ CABLE
123	SR	00	2494	CS/		
125	RP	01	2522.5	TJ/		
131	RI	00	2623.5			RED, WHITE, BLUE FLAG = S
132	RI	00	2670.5			RED, WHITE, BLUE FLAG = S
134	RP	00	2755.5			RED, WHITE, BLUE FLAG = S
142	RP	01	2873.3			MAX POCKET DEPTH .7 M
151	RI	01	3056.9	/TJ	/TJ	8 SM CHNLS IN BDRCK, .4 M
152	CR	11	3056.9			U 152 = CA-CT
153	SS	11	3056.9		H = .1 M	



# Comment Summary

## Restoration Monitoring Sites 2005

MONITORING AREA: 4-UMP    SITE ID: 262    YELLOW CREEK PRE-TX

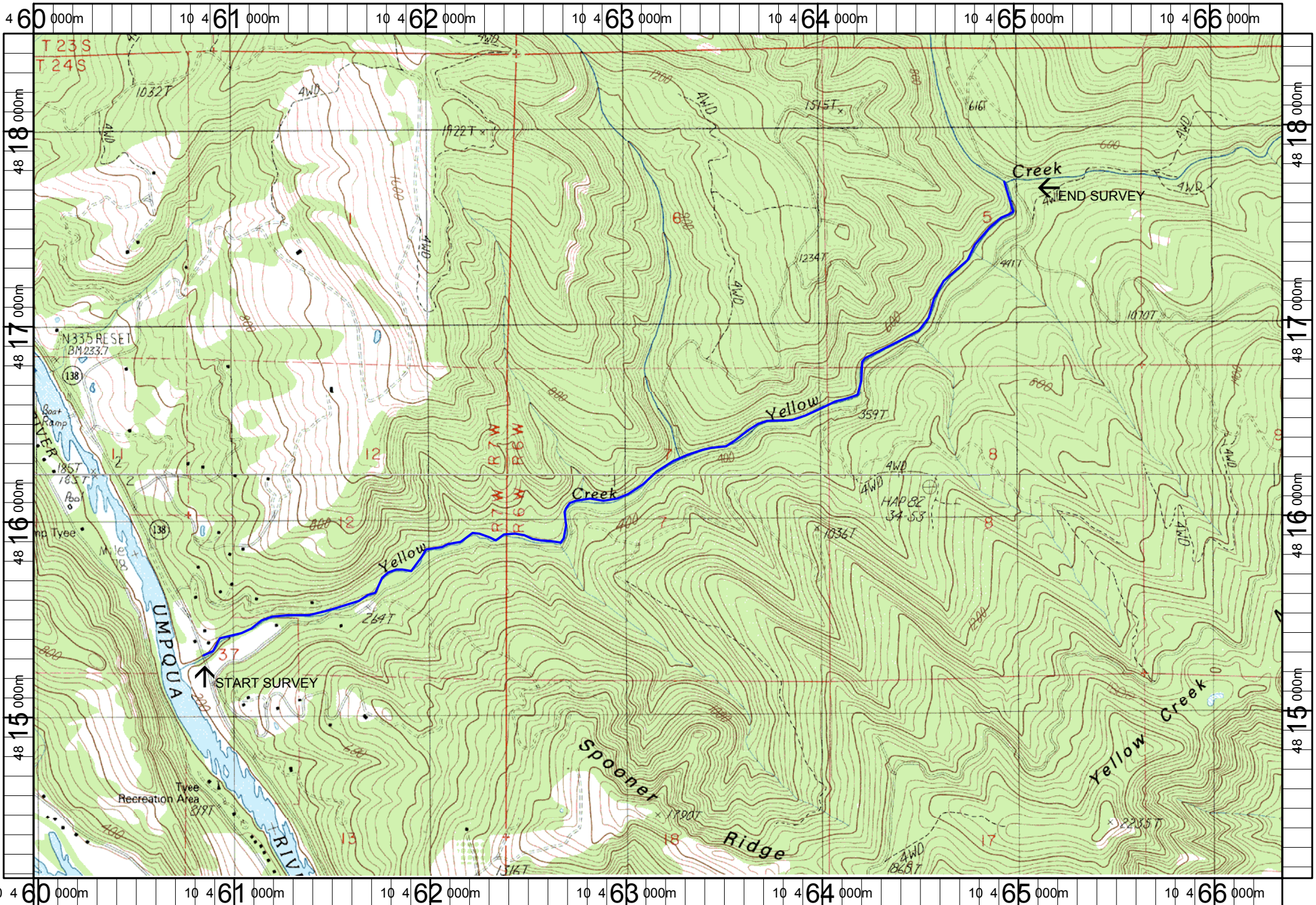
UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
154	CC	11	3056.9	CC	CULV DIAM = .9M, YELLO	
158	RR	01	3123.4	TJ/, BC	CONCRETE BRIDGE CRO	BC IS CONCRETE
160	RP	00	3157.4			RED, WHITE, BLUE FLAG =SI
162	RP	00	3195.4			RED, WHITE, BLUE FLAG =SI
165	RI	00	3284.4	BV		HUNKS OF BLOWN OUT BV
166	SR	00	3286.4			RED, WHITE, BLUE FLAG =SI
169	LP	00	3348.2	BV		HUNKS OF BLOWN OUT BV
171	LP	00	3420.2			RED, WHITE, BLUE FLAG =SI
172	RB	00	3472.2			RED, WHITE, BLUE FLAG =SI
173	LP	00	3510.2	/CS		CS = 2 LARGE LOGS
180	RB	00	3667.3	/CE	/CE, DRY	
183	RI	00	3734.8			RED, WHITE, BLUE FLAG =SI
184	RB	00	3784.8			RED, WHITE, BLUE FLAG =SI
185	RB	01	3805.8	/TJ	/TJ	
192	PD	02	3864.3	/TJ		
197	LP	00	3935.3		FISH, PINK FLAGGING	
200	RR	00	4019.3		FISH	
203	LP	01	4074.3			CABLE LAYING IN STREAM
204	RB	01	4124.3		PINK FLAGGING SITE 8-5	
205	RI	02	4124.3			PINK FLAG = 8-4/4 LOGS
211	SR	00	4198.3		464226, 4816790	

# Comment Summary

## Restoration Monitoring Sites 2005

MONITORING AREA: 4-UMP    SITE ID: 262    YELLOW CREEK PRE-TX

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
222	LP	00	4373.8			DEEP POOL
234	RI	00	4600.3	WL		HUMMING BIRD
235	LP	00	4623.3			U 234 - 245 = CA- CT
236	SB	01	4634.3	/TJ	/TJ	464465, 4816934, T = 13 C
238	LP	11	4634.3			SAND COVERS BEDROCK
245	LP	00	4793.3			6 INCH FISH
247	LP	00	4842.4			FISH
248	RP	01	4879.4			RED, WHITE, BLUE FLAG =SI
252	LP	00	4949.4			RED, WHITE, BLUE FLAG =SI
254	LP	01	4987.4	SS/	SS/	
257	LP	01	5059.4	BV, /TJ	/TJ	464695, 4817261, T = 13 C
262	SD	02	5109.4	BD	H = .3 M	
263	BP	02	5109.4	BV		
269	GL	00	5135.4			OVER 100 FRY
272	BW	10	5161.5			HS CONSTRAINED
276	RI	01	5253.9	/TJ	/TJ	SPAWNING SURVEY START
277	CB	11	5253.9			T = 14 C
295	RI	01	5529.1	/TJ	/TJ	465016,4817561 (POOR COV
296	CR	11	5529.1			T = 13 C
299	DU	02	5529.1		EST. WIDTH	
307	LP	00	5705.1		END	END



Name: TYEE MT  
 Date: 6/13/2005  
 Scale: 1 inch equals 2000 feet

Location: 10 463172 E 4816321 N  
 Caption: YELLOW CREEK RESTORATION SITE - UMPQUA BASIN