

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

STREAM: North Fork Big Tom Folley Creek (U-267)
BASIN: Umpqua River
SURVEY TYPE: Post-Tx
DATE: September 26, 2006
SURVEY CREW: Brian Cannon, Paul Jacobsen
REPORT PREPARED BY: Paul Jacobsen
BASIN AREA: 13.8 km²
USGS MAPS: Putnam Valley
ECOREGION: Coast Range Sedimentary

GENERAL DESCRIPTION:

The North Fork Big Tom Folley Creek habitat survey extended 3,532 meters. The channel was constrained by terraces in a broad valley floor. The average valley width index was 4.3 (range: 1.2-9.0). Land use for the reach was second growth (15-30 cm dbh) and young (3-15 cm dbh) trees. The average unit gradient was 1.3 percent. Scour pools (49%) and riffles (29%) dominated stream habitat. Bedrock (30%) and gravel (24%) dominated stream substrate. Wood volume was moderate at 22.0 m³/100m.

COMMENTS:

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

The crew noted several habitat structures during the survey.

OREGON DEPT OF FISH AND WILDLIFE NORTH FORK BIG TOM FOLLEY POST-TX (4-UJP, 267)

HABITAT INVENTORY

Report Date: 2/27/2007

Survey Date: 9/26/2006

REACH 1

T21S-R07W-S35SW

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	4.3	VWI Range:	1.2 - 9

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	3,532	11,177	0
Secondary Channel	0	0	0
Off-Channel Units	114	153	7

Channel Dimensions (m)

<u>Wetted</u>	<u>Active</u>	<u>Floodprone</u> n = 15	<u>First Terrace</u> n = 12
Width: 2.9	Width: 8.6	13.0 (6.9 - 21)	15.5 (8.5 - 20)
Depth: 0.23	Height: 0.6	1.1 (0.8 - 1.4)	1.6 (1.2 - 2.2)

W:D ratio: 15.8
 Stream Flow Type: LF
 Average Unit Gradient: 1.3%
 Water temperature (°C): 12.0 - 12.0

Entrenchment (ACW:FPW ratio): 1.5
 Habitat Units/100m (total channel length): 6.0
 Habitat Units/100m (primary channel length): 6.2

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	ST	YT
Riparian Vegetation:	D15	S

Bank Condition and Shade

<u>Bank Status</u>	<u>Percent Reach Length</u>	<u>Shade (% of 180)</u>
Actively Eroding:	6%	Reach avg: 94%
Undercut Banks:	10%	Range: 69 - 100

Large Wood Debris

	<u>Total</u>	<u>Total / 100m primary channel</u>
All pieces (>=3m x 0.15m):	773	21.9
Volume (m ³):	776	22.0
Key pieces (>=12m x 0.60m):	34	1.0

OREGON DEPT OF FISH AND WILDLIFE NORTH FORK BIG TOM FOLLEY POST-TX (4-UJP, 267)

HABITAT INVENTORY

Report Date: 3/5/2007

Survey Date:

9/27/2006

REACH 1

T21S-R07W-S35SW

REACH 1

HABITAT DETAIL

Habitat Type	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m ²)	Large Boulders (#>0.5m)	Substrate Percent Wetted Area					
							S/O	Snd	Grvl	Cbl	Bldr	Bdrk
CASCADE/BEDROCK	2	9	0.7	0.03	6	3	0	5	0	8	23	65
CASCADE/BOULDERS	2	38	1.7	0.10	65	70	3	12	19	17	44	5
CULVERT CROSSING	1	15	0.9	0.00	14	0	0	0	0	0	0	100
DRY UNIT	7	61	1.4	0.00	91	15	9	26	34	25	6	0
GLIDE	20	351	2.8	0.11	1,001	124	4	15	32	17	11	22
POOL-BACKWATER	1	6	0.7	0.01	4	0	20	50	0	0	0	30
POOL-DAMMED	1	27	3.4	0.40	91	0	5	10	0	0	0	85
POOL-ISOLATED	2	17	1.5	0.23	23	3	13	45	33	5	5	0
POOL-LATERAL SCOUR	86	1,359	4.0	0.46	5,553	414	4	14	23	12	10	37
POOL-TRENCH	1	6	3.0	0.60	17	0	5	10	0	0	0	85
RAPID/BEDROCK	5	88	3.0	0.15	261	21	0	4	2	1	5	88
RAPID/BOULDERS	11	262	2.4	0.08	686	172	2	12	22	30	30	5
RIFFLE	48	1,177	2.4	0.06	2,975	271	2	12	28	22	10	27
RIFFLE W/ POCKETS	4	127	2.6	0.13	357	30	2	11	24	10	12	41
STEP/BEDROCK	6	30	1.1	0.03	34	0	0	0	0	3	0	97
STEP/BOULDERS	6	22	2.3	0.04	64	28	1	10	19	22	43	5
STEP/COBBLE	13	49	1.6	0.04	82	17	2	13	36	34	10	6
STEP/LOG	2	5	0.7	0.01	4	3	10	35	30	15	10	0
STEP/STRUCTURE	1	1	0.8	0.00	1	0	40	60	0	0	0	0
Total:	219	3,647	2.9	0.23	11,330	1,171	Avg: 4	14	24	17	11	30

HABITAT SUMMARY

Habitat Group	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Wetted Area		Large Boulders	
					(m ²)	Percent	Number	(# / 100m ²)
Dammed & BW Pools	4	49	1.8	0.22	118	1.04%	3	2.5
Scour Pools	87	1,364	4.0	0.46	5,570	49.16%	414	7.4
Glides	20	351	2.8	0.11	1,001	8.83%	124	12.4
Riffles	52	1,304	2.4	0.06	3,332	29.41%	301	9.0
Rapids	16	350	2.6	0.10	947	8.36%	193	20.4
Cascades	4	47	1.2	0.07	72	0.63%	73	101.7
Step/Falls	28	107	1.5	0.03	185	1.64%	48	25.9
Dry	7	61	1.4	0.00	91	0.80%	15	16.5
Culverts	1	15	0.9	0.00	14	0.12%	0	0.0

OREGON DEPT OF FISH AND WILDLIFE NORTH FORK BIG TOM FOLLEY POST-TX (4-UJP, 267)

HABITAT INVENTORY

Report Date: 3/5/2007

Survey Date:

9/28/2006

REACH 1

T21S-R07W-S35SW

REACH 1

POOL SUMMARY

	<u>Total</u>	Total of all Channel Lengths <u># / Km</u>	Primary Channel Length <u># / Km</u>
All Pools:	91	25.0	25.8
Pools >=1m deep:	0	0.0	0.0
Complex pools (LWD pieces>=3):	40	11.0	11.3
Pool frequency (channel widths/pool):	4.7		
Residual pool depth (avg):	0.43		

Survey Date 9/26/2006
Report Date: 3/5/2007

**RIPARIAN ZONE
VEGETATION SUMMARY**

REACH 1

Summary of Riparian Zone (0-30m) 13 transects

Total hardwoods/1000	825
Total conifers/1000 ft	370
Total conifers >20" dbh/1000 ft	9
Total conifers >35" dbh/1000 ft	5

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	0.6	1.8	0.2	1.7	0.5	2.8	1.2	6.2
15-30cm	0.5	2.0	0.6	1.6	1.9	1.5	3.1	5.2
30-50cm	0.5	1.5	0.4	0.2	0.7	0.2	1.6	1.8
50-90cm	0.0	0.1	0.0	0.2	0.1	0.1	0.1	0.3
>90cm	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
Total/100m2	1.7	5.3	1.2	3.6	3.2	4.6	2.0	4.5

Canopy closure and ground cover

	Zone 1 0-10 meters (%)	Zone 2 10 - 20 meters (%)	Zone 3 20 - 30 meters (%)
Canopy closure	83	71	75
Shrub cover	37	26	31
Grass/forb cover	54	52	57

Predominant landform in each zone

	Zone 1 0-10 meters (%)	Zone 2 10 - 20 meters (%)	Zone 3 20 - 30 meters (%)
Hillslope	42	46	81
High terrace	42	19	15
Low terrace	8	0	0
Floodplain	0	0	0
Wetland/meadow	0	0	0
Stream channel	0	0	0
Roadbed/Railroad	8	35	4
Riprap	0	0	0
Surface slope (%)	25	26	60

Summary of Riparian Zone (0-30m) for all reaches 13 transects

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

Total hardwoods/1000	825
Total conifers/1000 ft	370
Total conifers >20" dbh/1000 ft	9
Total conifers >35" dbh/1000 ft	5

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	1.2	6.2
15-30cm	3.1	5.2
30-50cm	1.6	1.8
50-90cm	0.1	0.3
>90cm	0.1	0.0

OREGON DEPT OF FISH AND WILDLIFE NORTH FORK BIG TOM FOLLEY POST-TX (4-UMP:267)

HABITAT INVENTORY Report Date: 3/5/2007

Survey Date: 9/26/2006

GCG: 4-UM SITE ID: 267

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		
18	RT	2	HT	0	80	60	40	Conifer							VINE MAPLE
								Hardwood	5						
18	RT	1	HT	0	80	60	40	Conifer							ALDER, VINE MAPLE
								Hardwood	3	1					
18	LF	1	HS	40	70	50	20	Conifer							ALDER, MAPLE, HS/RB 30%RB
								Hardwood	1		1				VINE MAPLE, ALDER
18	RT	3	HT	0	80	60	40	Conifer							VINE MAPLE, ALDER
								Hardwood	6						
18	LF	2	RB	0	70	20	20	Conifer	1	1					60%RB
								Hardwood							
18	LF	3	HS	120	80	10	80	Conifer		2	1				MAPLE
								Hardwood	3						
30	RT	2	HS	60	90	70	30	Conifer						1	CEDAR, MAPLE
								Hardwood					2		
30	RT	1	HT	0	70	70	30	Conifer							ALDER, VINE MAPLE
								Hardwood	3		1				
30	RT	3	HS	90	80	60	40	Conifer							VINE MAPLE, ALDER
								Hardwood	3		1				
30	LF	1	HT	3	80	70	30	Conifer							VINE MAPLE, ALDER, HT/RB
								Hardwood	3		1				
30	LF	3	HS	100	90	30	60	Conifer		1	1				CEDAR, DOUG FIR, ALDER
								Hardwood	2	2					ALDER
30	LF	2	RB	0	60	10	40	Conifer							ALDER, 50%RB
								Hardwood		1					
45	RT	3	HS	75	90	70	30	Conifer			1	1			
								Hardwood				1			
45	LF	1	LT	0	80	70	30	Conifer							ALDER
								Hardwood		1					
45	LF	2	RB	2	50	10	40	Conifer							50% RB, HS/RB
								Hardwood							
45	LF	3	HS	90	90	70	30	Conifer							CEDAR, ALDER
								Hardwood	6	2					
45	RT	1	HT	0	85	70	30	Conifer	1						CEDAR, ALDER
								Hardwood	3	3					
45	RT	2	HS	15	80	80	20	Conifer							VINE MAPLE, HT/HS
								Hardwood	3						

57	RT	2	HS	90	90	5	90	Conifer						
								Hardwood						
57	RT	1	HS	85	85	5	90	Conifer						ALDER
								Hardwood				2		
57	LF	3	HS	40	85	10	80	Conifer		2		1		
								Hardwood						
57	LF	1	HS	75	85	10	80	Conifer		2		1		
								Hardwood						
57	RT	3	HS	90	90	5	90	Conifer	1	1		2		DOUG FIR
								Hardwood						
57	LF	2	HS	40	85	10	80	Conifer		4				DOUG FIR
								Hardwood						
71	RT	2	HT	0	90	40	60	Conifer		1		1		VINE MAPLE
								Hardwood	5					
71	RT	3	HT	0	95	20	40	Conifer	2	3		1		DOUG FIR
								Hardwood						
71	RT	1	HT	0	85	30	70	Conifer		1				
								Hardwood		3				
71	LF	3	RB	0	70	20	40	Conifer	1	2				HS/RB, 40%RB
								Hardwood						
71	LF	1	HS	40	90	50	50	Conifer	1					ALDER
								Hardwood		2		1		
71	LF	2	HS	80	90	20	80	Conifer				1		
								Hardwood		1				
81	LF	1	HS	45	90	10	60	Conifer		2				DOUG FIR, MAPLE,
								Hardwood	3					HS/RB, 30%RB 80%RB
81	LF	2	RB	0	30	5	15	Conifer						
								Hardwood						
81	LF	3	HS	90	90	10	70	Conifer		5				DOUG FIR
								Hardwood	1					
81	RT	1	HT	0	90	10	90	Conifer	2			2		DOUG FIR, ALDER
								Hardwood		1				
81	RT	2	HT	0	90	20	80	Conifer						ALDER
								Hardwood		3				
81	RT	3	HT	3	90	30	70	Conifer		2				DOUG FIR, VINE MAPLE
								Hardwood	1					
97	RT	3	HS	60	90	30	40	Conifer						
								Hardwood	6					
97	RT	2	HS	30	70	40	60	Conifer						VINE MAPLE
								Hardwood	4					
97	LF	1	HS	30	60	20	60	Conifer				1		DOUG FIR, ALDER,
								Hardwood				1		HS/RB, 20%RB
97	LF	3	HS	50	0	0	10	Conifer						90% BARE GROUND
								Hardwood						
97	LF	2	RB	0	0	0	15	Conifer						RECENT CLEARCUT
								Hardwood						

97	RT	1	HT	0	90	30	70	Conifer			1	DOUG FIR, VINE MAPLE,
								Hardwood	2	1		ALDER, M TIMBER HARVEST
109	RT	3	HS	90	0	20	70	Conifer				
								Hardwood				HS/RB
109	LF	2	RB	0	0	10	20	Conifer				
								Hardwood				
109	LF	3	HS	15	0	20	60	Conifer				
								Hardwood				
109	RT	1	HS	65	90	10	90	Conifer			1	ALDER, MAPLE
								Hardwood		1	2	
109	RT	2	HS	85	60	20	70	Conifer		1		DOUG FIR
								Hardwood				
109	LF	1	HS	60	90	30	50	Conifer	3	1	1	
								Hardwood			2	
130	RT	3	HS	90	85	10	70	Conifer				ALDER
								Hardwood		2		
130	RT	2	HS	70	90	15	85	Conifer				ALDER
								Hardwood		2	1	
130	RT	1	LT	0	90	60	40	Conifer				ALDER
								Hardwood			3	
130	LF	3	HS	110	80	60	40	Conifer		2	1	VINE MAPLE
								Hardwood	2	1		
130	LF	1	HT	0	95	60	40	Conifer		1		CEDAR, ALDER
								Hardwood		2	1	
130	LF	2	RB	0	50	10	30	Conifer				
								Hardwood				
142	RT	3	HS	20	70	20	80	Conifer				MAPLE
								Hardwood		2		
142	LF	2	HT	0	90	70	30	Conifer		1		CEDAR, ALDER
								Hardwood	2	3		
142	RT	2	HS	30	90	10	90	Conifer			2	MAPLE
								Hardwood	1	1		
142	LF	3	HT	0	90	70	30	Conifer				ALDER, MAPLE
								Hardwood		3	1	
142	LF	1	RB	0	80	20	20	Conifer				60%RB
								Hardwood			1	
142	RT	1	HS	140	95	5	85	Conifer				MAPLE, 15% ROCK
								Hardwood		2		
161	LF	1	HT	0	90	40	60	Conifer				ALDER
								Hardwood		2		
161	LF	2	RB	2	75	20	40	Conifer				RB/HS, 40%RB
								Hardwood				
161	LF	3	HS	100	85	20	80	Conifer	2	2		DOUG FIR
								Hardwood				
161	RT	1	HS	40	80	20	80	Conifer	1			CEDAR, ALDER
								Hardwood		2	1	

161	RT	2	HS	30	70	20	80	Conifer				ALDER
								Hardwood	1	1	1	
161	RT	3	HS	60	70	20	80	Conifer			1	DOUG FIR, VINE MAPLE
								Hardwood	2			
177	LF	1	HT	0	90	30	60	Conifer				ALDER, HT/RB, 10%RB
								Hardwood		4		
177	LF	2	RB	0	90	10	40	Conifer				RB/HS, 50%RB
								Hardwood				
177	LF	3	HS	60	90	30	70	Conifer		2		DOUG FIR, ALDER
								Hardwood	2	1		
177	RT	1	HS	30	90	50	50	Conifer				ALDER
								Hardwood			2	
177	RT	3	HS	65	95	10	90	Conifer		1		CEDAR, MAPLE
								Hardwood		2		
177	RT	2	HS	50	80	10	90	Conifer			1	
								Hardwood				
197	LF	3	HS	60	95	40	60	Conifer				MAPLE
								Hardwood	2	2	1	
197	RT	1	HT	0	50	70	30	Conifer				ALDER, VINE MAPLE
								Hardwood	2		1	
197	RT	2	HT	0	70	70	30	Conifer				ALDER, VINE MAPLE
								Hardwood	1	4		
197	RT	3	HS	70	80	60	30	Conifer				ALDER, HT/HS
								Hardwood		3		
197	LF	2	HS	80	95	20	80	Conifer	1			MAPLE, RB/HS
								Hardwood		5		
197	LF	1	RB	0	90	20	60	Conifer				ALDER, 20%RB
								Hardwood	3	1		

Comment Summary

Restoration Monitoring Sites 2006

MONITORING AREA: **4-UMP** SITE ID: **267** NORTH FORK BIG TOM FOLLEY PO

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
1	LP	00	36.8	CC	U-1=CC-OPEN BOTTOM 4.5	OPEN BOTTOM
2	RP	01	95	/TJ	/TJ, HS=8 LOGS, CA,CT,ST,D	
3	DU	11	95	HS		LOGS THRU UNIT 4
4	LP	00	102	HS		
8	LP	00	146.5	HS	HS=3 LOGS	LOGS
10	LP	00	162	HS	HS=7 LOGS	LOGS
14	LP	00	201.2	HS	FLAG SITE 3, HS=10 LOGS	LOGS THRU UNIT 15
15	LP	00	223.4	HS		
17	GL	00	263.5		CRF	
18	RI	00	298.5	HS	CA,CT,ST,LT,D15,S, HS=14 B	BOULDER
19	LP	00	307	HS	HS=1 LOG, 8 BLDRS	1 LOG, BOULDERS
20	RI	00	334.3	HS	HS=6 LOGS, 4 BLDRS	BOULDERS, LOGS THRU
21	GL	00	350.3	HS		
22	RI	01	394.8	HS	HS=4 LOGS, 3 BLDRS	
24	LP	00	405.8	HS	FRY	1 LOG, US
25	RI	00	438.3	HS	HS=24 BLDRS, 1 ROOTWAD	BOULDERS
28	LP	00	473.8			US
29	RI	00	505.8	HS, DJ	HS=6 LOGS, DJ	
30	LP	00	517.8		CT,MT,ST,D30,S	US
32	LP	00	547.5		CRF	
38	GL	00	640.8	HS	HS=36 BLDRS	BOULDERS

Comment Summary

Restoration Monitoring Sites 2006

MONITORING AREA: **4-UMP** SITE ID: **267** NORTH FORK BIG TOM FOLLEY PO

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
39	LP	00	657.4	CF	HS=36 BLDRS	
42	RI	00	723.8	HS	HS=6 LOGS, DJ	LOGS THRU UNIT 43
43	LP	00	735.8	HS, SS/		
44	RI	00	751.8	HS	HS=2 LOGS	2 LOGS
45	LP	00	758.3	HS	CT,MT,ST,YT,D15,S, HS=6 L	LOGS
46	RI	00	777.8	HS	HS=2 LOGS	
48	LP	00	815.8		FRY	
51	RI	00	907.5	HS, DJ	HS=12 LOGS, HS=3 LOGS, D	LOGS
54	LP	00	943	DJ	DJ	
55	RB	00	990	/LS	CRF	
56	LP	00	1006.5	/LI	SCULPIN	
57	RB	00	1037		CH,MV,ST,D15,G	
58	LP	00	1059		LOTS OF FRY	
60	LP	01	1103.5		/TJ	
66	LP	00	1193.1	BV	BV	
71	SL	00	1262.7		H=0.25M, CA,MT,ST,LT,D15,S	
73	RI	00	1339.9		CRF	
78	RI	01	1489.4	/TJ	/TJ	
81	RI	00	1520.9	HS	CA,CT,ST,LT,D15,S, HS=3 LO	LOGS THRU UNIT84
82	GL	00	1532.9	HS	NORTHERN FLICKER, HS=9	
83	RI	00	1543.9	HS	SITE 14 FLAG	

Comment Summary

Restoration Monitoring Sites 2006

MONITORING AREA: 4-UMP SITE ID: 267 NORTH FORK BIG TOM FOLLEY PO

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
84	SL	00	1548.2	HS, DJ	DJ- LOTS OF GRAVEL UPST	
85	RI	00	1580.8	HS		1 LOG
86	LP	00	1591.3			STEELHEAD FRY
87	GL	00	1638.3	HS	HS=4 LOGS, FLAG SITE 15	
88	RI	00	1682.1	HS	HS=6 LOGS, FLAG SITE 16	PROPERTY LINE
89	GL	00	1693.6	HS	HS=14 BLDRS, SENECA BOU	BOULDERS
90	RP	00	1713.1		HS=7BD, BEGIN RECENT CL	
91	GL	01	1730.3		HS=4 BLDRS	
92	IP	10	1730.3	HS	HS=1 BLDR	1 BOULDER, STEELHEAD
93	SC	00	1735.9		WRENTIT, STELLARS JAY	
94	LP	00	1757.9	HS	HS=7 BLDRS	5 BOULDERS
95	RI	00	1778.9		WINTER WREN	
97	RI	00	1836.9	HS	CA,CT,TH,YT,D15,S, HS=12 B	
99	RI	00	1856.4	DJ		
100	LP	00	1864.4	HS	HS=11 BLDRS	5 BOULDERS
101	RI	00	1885.4	HS	HS=9 BLDRS	BOULDERS
102	LP	01	1909.9	/TJ	BEGIN FRESH CUT LEFT	
103	DU	11	1909.9		VIREO	
104	RR	00	1938.9	HS	HS=9 BLDRS, HS=11 BLDRS,	6 BOULDERS
105	GL	00	1959.9	HS	HS=8 BLDRS	
106	RI	01	1990.9	TJ/	TJ/, FLAG SITE 9	

Comment Summary

Restoration Monitoring Sites 2006

MONITORING AREA: **4-UMP** SITE ID: **267** NORTH FORK BIG TOM FOLLEY PO

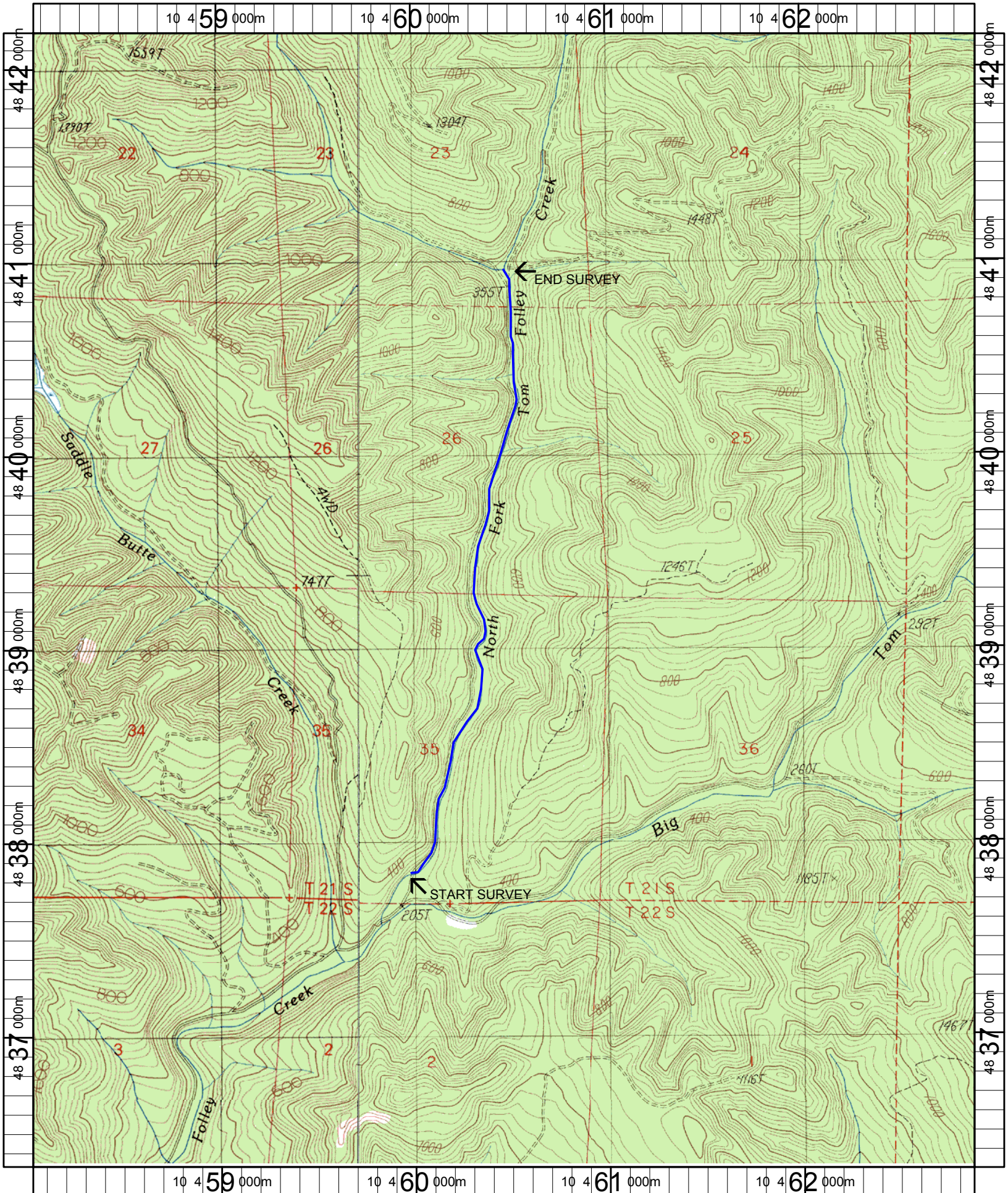
UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
109	RI	00	2062.1	HS	HS=9 BLDRS, HS=8 BLDRS	10 BOULDERS, 1 ROOTWA
110	LP	00	2078.1	HS	HS=8 BLDRS, CH,SV,TH,ST,D	4 BOULDERS
111	LP	00	2093.1	HS	HS=4 BLDRS	4 BOULDERS
112	RP	00	2115.2	HS, DJ	HS=5 BLDRS	5 BOULDERS
114	LP	00	2131.3	HS	HS=13 BLDRS	10 BOULDERS
115	RB	00	2146.7	HS	HS=8 BLDRS	4 BOULDERS
116	LP	00	2155.7	DJ, /SS		
118	LP	00	2193.6	HS	HS=19 BLDRS	15 BOULDERS, STEELHEA
119	SC	00	2194.9		H=0.20 M	
120	LP	00	2216.2	/SS		STEELHEAD FRY
121	RI	00	2237.9		HI-LINE OPERATION	
123	SB	00	2256.5		SEVERAL HAIRY WOODPEC	
124	LP	00	2278.8	HS	HS=5BLDRS	7 BOULDERS
126	LP	00	2329.9		END LEFT RECENT CUT	
130	LP	01	2423.6	TJ/	CT,MT,TH,ST,D15,S, TJ/	
133	LP	00	2452.3		FRY (TROUT POSSIBLY)	
135	LP	00	2497.3	CS/		
136	RR	01	2504.8	/TJ, CS/	/TJ	
137	SR	11	2504.8		H=1.5M	
142	CB	00	2538.3		CA,CL,ST,D15,S	
143	GL	01	2555.8	TJ/, /CS	TJ/	

Comment Summary

Restoration Monitoring Sites 2006

MONITORING AREA: **4-UMP** SITE ID: **267** NORTH FORK BIG TOM FOLLEY PO

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
144	SS	11	2555.8		H=0.45M, DRY	DRY
145	CC	11	2555.8	CC	ROUND, METAL, 0.9M DIA, D	CORREGATED
152	GL	00	2692		WINTER WREN	
154	LP	00	2714.4	DJ	DJ	
157	LP	00	2738.3		FRY-12+	STEELHEAD FRY
160	LP	00	2805		PIECE OF CULVERT	
161	SC	00	2807.5		CA,CT,ST,D15,S	
170	CB	01	2948.2	TJ/	TJ/	
172	LP	00	2957.7		CRF	
177	SC	00	3028.3		CT,CT,ST,D15,S	
196	LP	00	3280.6			US, STEELHEAD FRY?
197	RI	00	3288.1		CT,MT,ST,YT,D15,S	
200	LP	00	3313.4	WL	TREEFROG	PACIFIC TREE FROG
206	LP	00	3381.7			US
207	SB	00	3382.1	HS	H=0.2M, HS=10 BLDRS	
208	DP	00	3408.8	CC	CC=BOTTOMLESS 3.4W X 3.	OPEN-BOTTOM CC
210	LP	00	3436	US		
218	SB	01	3532.2	TJ/	H=0.50M, TJ/, CT,CT,ST,YT,D	



Name: PUTNAM VALLEY
 Date: 1/27/2005
 Scale: 1 inch equals 2000 feet

Location: 10 460466 E 4839247 N
 Caption: NORTH FORK BIG TOM FOLLEY CREEK RESTORATION SITE -
 UMPQUA BASIN