

REACH

T29S-R11W-S21NW

REACH

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	0%
Moderate V-shape	0%	Multiple Terraces	100%
Open V-shape	0%	Wide Floodplain	0%
Valley Width Index	7.8	VWI Range: 3.3 - 10	

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	558	1,371	0
Secondary	40	33	0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	2.4	Width	4.6	8.8	11.4
Depth	0.32	Height	0.3	0.7	1.3
		W:D ratio	13.6	Entrenchment	1.9
Stream Flow Type:	MF	Water temp (C):		7.0	- 7.0
Avg. Unit Gradient:	1.5%	Habitat Units/100m:		11.3	

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	ST	TH
Riparian Vegetation:	M30	S

Bank Condition and Shade

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

Large Wood Debris

	<u>Total</u>	<u>Total / 100m</u>
All pieces (>=3m x 0.15m):	118	21.2
Volume (m ³):	74	13.2
Key pieces (>=10m x 0.60m):	0	0.0

OREGON DEPARTMENT OF FISH AND WILDLIFE

KING CREEK UPPER POST-TX (MS-167)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/25/03

REACH		T29S-R11W-S21NW						REACH					
Habitat Type	Number Units	HABITAT DETAIL						Substrate					
		Total	Avg	Avg	Total	Large	Percent Wetted Area						
		Length (m)	Width (m)	Depth (m)	Area (m ²)	Boulders (#>0.5m)	S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
CASCADE/BEDROCK	1	4	0.3	0.01	1	0	0	0	5	5	0	90	
POOL-BACKWATER	5	12	1.1	0.23	17	0	40	56	4	0	0	0	
POOL-DAMMED	1	9	2.7	0.35	25	0	5	30	30	30	5	1	
POOL-ISOLATED	3	6	0.8	0.23	8	0	30	70	0	0	0	0	
POOL-LATERAL SCOUR	24	206	2.9	0.53	579	0	13	41	25	18	3	0	
POOL-PLUNGE	2	8	3.7	0.52	31	0	10	43	26	18	3	0	
RIFFLE	19	227	2.2	0.16	479	0	4	22	34	34	5	0	
RIFFLE W/ POCKETS	6	124	2.1	0.22	262	0	5	23	33	33	5	0	
STEP/LOG	2	1	3.3	0.06	2	0	5	21	39	35	0	0	
Total:	63	597	2.4	0.32	1,405	0	Avg 12	35	26	23	3	2	

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	9	27	1.2	0.25	50	3.54%	0	0.0	
Scour Pools	26	214	2.9	0.53	610	43.44%	0	0.0	
Glides	0	0			0	0.00%	0	0.0	
Riffles	25	352	2.2	0.17	741	52.78%	0	0.0	
Rapids	0	0			0	0.00%	0	0.0	
Cascades	1	4	0.3	0.01	1	0.08%	0	0.0	
Step/Falls	2	1	3.3	0.06	2	0.15%	0	0.0	
Dry	0	0			0	0.00%	0	0.0	
Culverts	0	0			0	0.00%	0	0.0	

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	35	62.8
Pools >=1m deep:	1	1.8
Complex pools (LWD pieces>=3):	15	26.9
Pool frequency (channel widths/pool):	3.7	
Residual pool depth (avg):	0.41	

STREAM SUMMARY

KING CREEK UPPER POST-TX (MS-167)

Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m ²)	Substrate Percent Wetted Area						Large Boulders (>0.5m)
					S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
63	597	2.4	0.32	1,405	12	35	26	23	3	2	

Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	50	3.54%
Scour Pools	610	43.44%
Glides	0	0.00%
Riffles	741	52.78%
Rapids	0	0.00%
Cascades	1	0.08%
Step/Falls	2	0.15%
Dry	0	0.00%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 3-MS SITE ID: 167 KING CREEK UPPER POST-TX (MS-167)

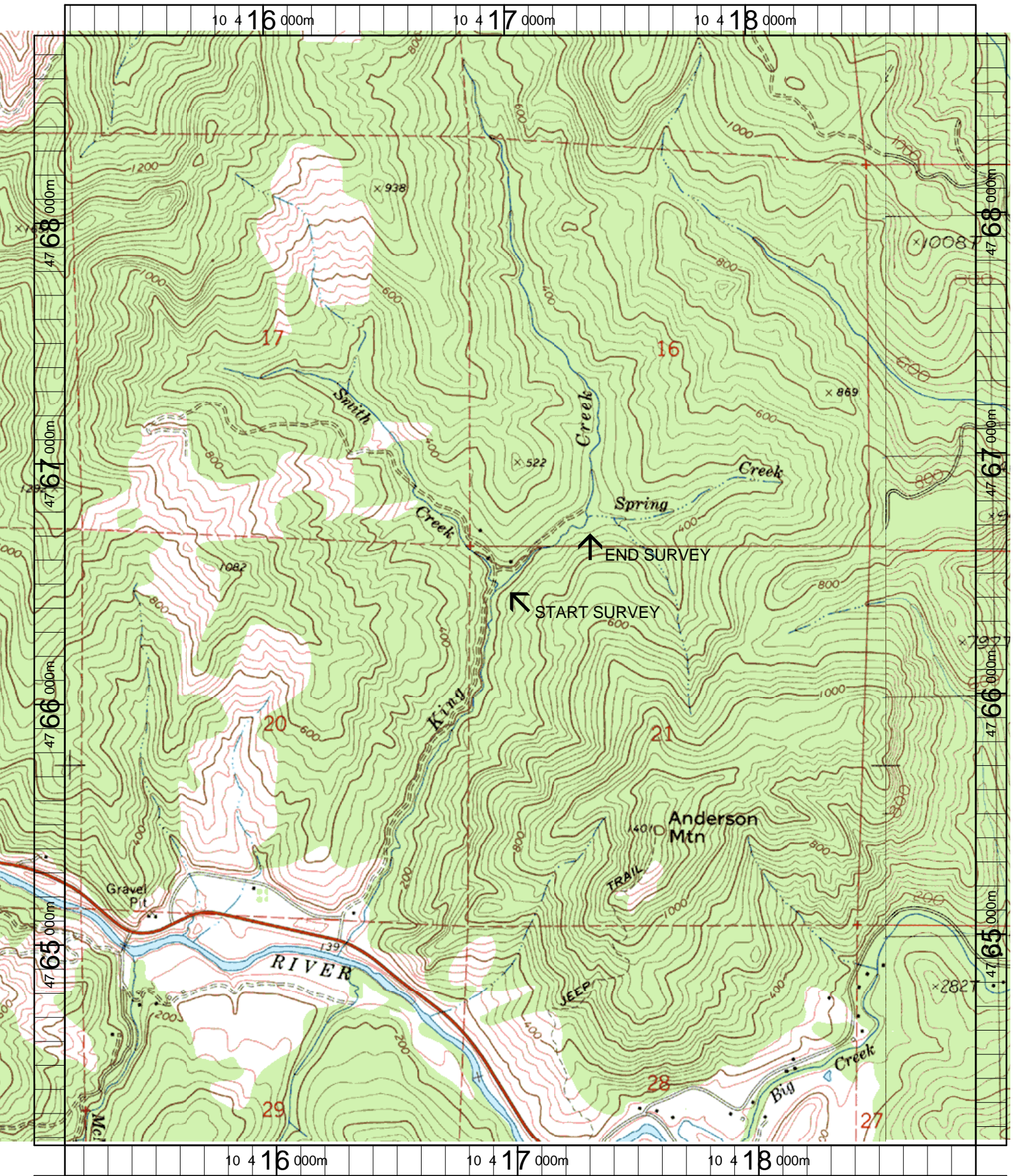
UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
1	RI	00	12.6		T=6C, TURBID WATER	
3	LP	00	23.5	HS	HARDPAN, KC-7	
4	LP	00	27.6	WL	DEER, BARBED WIRE	
5	RI	00	33.1		HARDPAN	
7	RI	00	49.3	WL	DEER	
8	LP	00	60.3		NOTE KC-8	
9	RP	00	78.1		HARDPAN	
13	LP	00	104.9		HARDPAN, BARBED WIRE	
14	RI	00	114.1		HARDPAN	
19	LP	00	148.3	/WL	DEER, SIGN=KC-10	
21	LP	00	179.4		W/WOOD, MID+OVER	
25	LP	00	194.9	SS/	HARDPAN	
28	LP	00	206.6		NOTE=KING CR SITE 12	
31	LP	00	239.2	HS	KC SITE #13	
32	RI	00	246.4		7/17/01 UNIT 16-ODFW	
33	LP	00	255.3	HS	KC SITE #14	
35	LP	00	278.4	HS	NICE OVERHANGING VE	
36	LP	00	291	HS	KIC SITE #15	
37	LP	00	298.3	HS		
38	RP	00	323.3		/OVERHANGING, BEDRO	
39	RI	01	348.3	HS	T=6.8C	

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 3-MS SITE ID: 167 KING CREEK UPPER POST-TX (MS-167)

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
40	CR	11	348.3		T=7C	
41	RI	00	355.9		/HARDPAN	
42	LP	00	365.8	HS		
43	RI	00	391.5		KIC SITE #19, /GOOD OVE	
44	LP	00	397.7	HS, WL	DEER, /GOOD OVERHAN	
45	RP	00	417.1		/HARDPAN	
47	RI	00	430.6		KIC SITE #20-NICE	
55	LP	00	473.4		/GOOD OVERHANG	
57	LP	00	491.4		KIC SITE #21	
59	LP	00	521.4	HS/SS		
60	RI	00	536.2		/HARDPAN	
61	LP	00	543.6	WL, HS	DEER, LOGS CREATING	
62	RP	01	557.6		T=7.5C	
63	RI	10	557.6		T=8C	



Name: BRIDGE
 Date: 3/20/2003
 Scale: 1 inch equals 1666 feet

Location: 10 417034 E 4766455 N
 Caption: KING CREEK (UPPER) RESTORATION SITE - MF
 COQUILLE BASIN