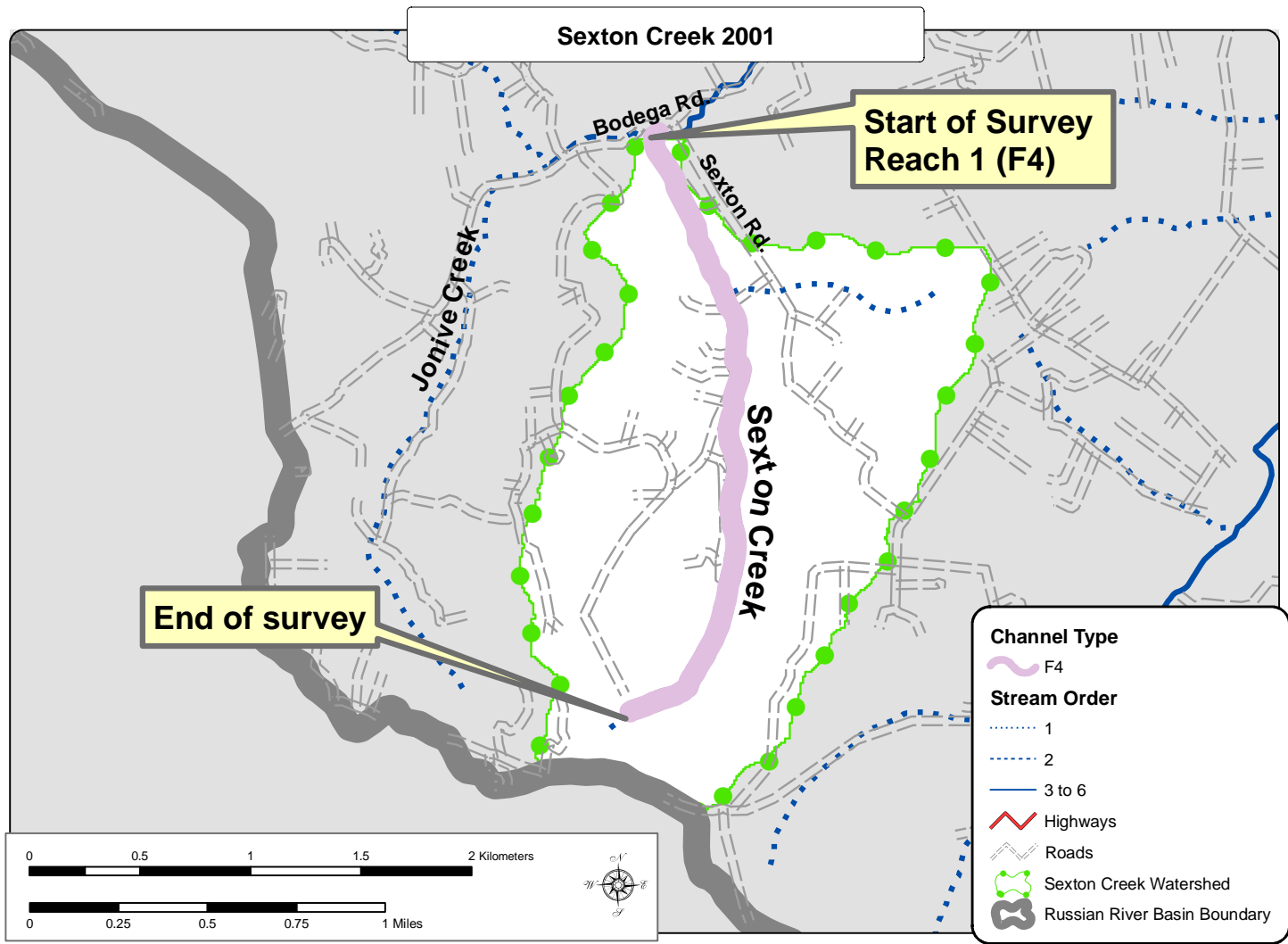


APPENDIX A: MAP



L:\mondo3\data\stream-maps\SextonCreek2001.mxd

Prepared by: Celeste Dodge and Colin Brooks, April 7, 2005

APPENDIX B: TABLES

Table 1 - Summary of Riffle, Flatwater, and Pool Habitat Types

Stream Name: Sexton Creek

LLID:

1228792383911

Drainage:

Russian River - Lower

Survey Dates: 7/23/2001 to 7/24/2001

Confluence Location:

Quad: CAMP MEEKER

Legal Description: T000R000S00

Latitude: 38:23:28.0N

Longitude: 122:52:45.0W

Habitat Units	Units Fully Measured	Habitat Type	Habitat Occurrence (%)	Mean Length (ft.)	Total Length (ft.)	Total Length (%)	Mean Width (ft.)	Mean Depth (ft.)	Mean Max Depth (ft.)	Mean Area (sq.ft.)	Estimated Total Area (sq.ft.)	Mean Volume (cu.ft.)	Estimated Total Volume (cu.ft.)	Mean Residual Pool Vol (cu.ft.)	Mean Shelter Rating
3	1	CULVERT	5.8	30	91	1.0	10.0	0.2	0.5	380	1140	76	228		
1	0	DRY	1.9	14	14	0.1									
28	7	FLATWATER	53.8	208	5827	62.2	6.4	0.7	1.3	593	16598	353	9876		13
2	0	NOSURVEY	3.8	1198	2395	25.6									
14	14	POOL	26.9	21	299	3.2	10.2	1.4	2.3	221	3090	292	3794	272	33
4	2	RIFFLE	7.7	186	743	7.9	4.0	0.2	0.8	338	1352	68	270		
Total Units	Total Units Fully Measured				Total Length (ft.)					Total Area (sq.ft.)			Total Volume (cu.ft.)		
52	24				9369					22180			14168		

Table 2 - Summary of Habitat Types and Measured Parameters

Stream Name: Sexton Creek

LLID:

1228792383911

Drainage: Russian River - Lower

Survey Dates: 7/23/2001 to 7/24/2001

Confluence Location:

Quad: CAMP MEEKER

Legal Description: T000R000S00

Latitude: 38:23:28.0N

Longitude: 122:52:45.0W

Habitat Units	Units Fully Measured	Habitat Type	Habitat Occurrence (%)	Mean Length (ft.)	Total Length (ft.)	Total Length (%)	Mean Width (ft.)	Mean Depth (ft.)	Max Depth (ft.)	Mean Area (sq.ft.)	Estimated Total Area (sq.ft.)	Mean Volume (cu.ft.)	Estimated Total Volume (cu.ft.)	Mean Residual Pool Vol (cu.ft.)	Mean Shelter Rating	Mean Canopy (%)
3	1	LGR	5.8	235	705	7.5	4	0.2	0.5	600	1800	120	360			95
1	1	BRS	1.9	38	38	0.4	4	0.2	1	76	76	15	15			90
1	0	POW	1.9	297	297	3.2										
5	3	GLD	9.6	44	222	2.4	9	1.1	2	399	1993	437	2184		20	89
22	4	RUN	42.3	241	5308	56.7	4	0.4	1.2	739	16247	290	6374		7	95
9	9	MCP	17.3	19	175	1.9	11	1.4	3.4	219	1971	272	2178	254	21	96
2	2	CRP	3.8	28	55	0.6	10	1.5	2.4	255	510	393	786	368	33	100
1	1	LSR	1.9	20	20	0.2	13	1.3	2.6	260	260	364	364	338	150	90
2	2	PLP	3.8	24	49	0.5	7	1.1	2.8	175	350	233	466	215	5	90
1	0	DRY	1.9	14	14	0.1										
3	1	CUL	5.8	30	91	1.0	10	0.2	0.5	380	1140	76	228			100
2	0	NS	3.8	1198	2395	25.6										

Total Units
52

Total Units Fully Measured
24

Total Length (ft.)
9369

Total Area (sq.ft.)
24346

Total Volume (cu.ft.)
12954

Table 3 - Summary of Pool Types

Stream Name: Sexton Creek
 LLID: 1228792383911
 Drainage: Russian River - Lower
 Survey Dates: 7/23/2001 to 7/24/2001
 Confluence Location: Quad: CAMP MEEKER Legal Description: T000R000S00 Latitude: 38:23:28.0N Longitude: 122:52:45.0W

Habitat Units	Units Fully Measured	Habitat Type	Habitat Occurrence (%)	Mean Length (ft.)	Total Length (ft.)	Total Length (%)	Mean Width (ft.)	Mean Residual Depth (ft.)	Mean Area (sq.ft.)	Estimated Total Area (sq.ft.)	Mean Residual Pool Vol (cu.ft.)	Estimated Total Resid.Vol. (cu.ft.)	Mean Shelter Rating
9	9	MAIN	64	19	175	59	10.7	1.4	219	1971	254	2031	21
5	5	SCOUR	36	25	124	41	9.3	1.3	224	1120	301	1504	55
Total Units	Total Units Fully Measured				Total Length (ft.)					Total Area (sq.ft.)		Total Volume (cu.ft.)	
14	14				299					3090		3535	

Table 4 - Summary of Maximum Residual Pool Depths By Pool Habitat Types

Stream Name: Sexton Creek

LLID:

1228792383911

Drainage: Russian River - Lower

Survey Dates: 7/23/2001 to 7/24/2001

Confluence Location:

Quad: CAMP MEEKER

Legal Description:

T000R000S00

Latitude: 38:23:28.0N

Longitude: 122:52:45.0W

Habitat Units	Habitat Type	Habitat Occurrence (%)	< 1 Foot Maximum Residual Depth	< 1 Foot Percent Occurrence	1 < 2 Feet Maximum Residual Depth	1 < 2 Feet Percent Occurrence	2 < 3 Feet Maximum Residual Depth	2 < 3 Feet Percent Occurrence	3 < 4 Feet Maximum Residual Depth	3 < 4 Feet Percent Occurrence	>= 4 Feet Maximum Residual Depth	>= 4 Feet Percent Occurrence
8	MCP	62	0	0	3	38	4	50	1	13	0	0
2	CRP	15	0	0	0	0	2	100	0	0	0	0
1	LSR	8	0	0	0	0	1	100	0	0	0	0
2	PLP	15	0	0	0	0	2	100	0	0	0	0

Total Units

13	Total < 1 Foot Max Resid. Depth	0	Total < 1 Foot % Occurrence	0	Total 1 < 2 Foot Max Resid. Depth	3	Total 1 < 2 Foot % Occurrence	23	Total 2 < 3 Foot Max Resid. Depth	9	Total 2 < 3 Foot % Occurrence	69	Total 3 < 4 Foot Max Resid. Depth	1	Total 3 < 4 Foot % Occurrence	8	Total >= 4 Foot Max Resid. Depth	0	Total >= 4 Foot % Occurrence	0
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Mean Maximum Residual Pool Depth (ft.):

2.3

Table 5 - Summary of Mean Percent Cover By Habitat Type

Stream Name: Sexton Creek LLID: 1228792383911 Drainage: Russian River - Lower
 Survey Dates: 7/23/2001 to 7/24/2001 Dry Units: 1
 Confluence Location: Quad: CAMP MEEKER Legal Description: T000R000S00 Latitude: 38:23:28.0N Longitude: 122:52:45.0W

Habitat Units	Units Fully Measured	Habitat Type	Mean % Undercut Banks	Mean % SWD	Mean % LWD	Mean % Root Mass	Mean % Terr. Vegetation	Mean % Aquatic Vegetation	Mean % White Water	Mean % Boulders	Mean % Bedrock Ledges
3	0	LGR									
1	0	BRS									
4	0	TOTAL RIFFLE									
1	0	POW									
5	3	GLD	87	0	0	0	13	0	0	0	0
22	3	RUN	50	0	0	0	17	0	0	0	33
28	6	TOTAL FLAT	68	0	0	0	15	0	0	0	17
9	7	MCP	43	4	12	0	2	0	4	4	32
2	2	CRP	25	0	0	13	38	0	0	25	0
1	1	LSR	25	0	75	0	0	0	0	0	0
2	1	PLP	100	0	0	0	0	0	0	0	0
14	11	TOTAL POOL	43	2	15	2	8	0	2	7	20
3	0	CUL									
2	0	NS									
52	17	TOTAL	52	1	9	1	11	0	1	4	19

Table 6 - Summary of Dominant Substrates By Habitat Type

Stream Name: Sexton Creek

LLID:

1228792383911

Drainage: Russian River - Lower

Survey Dates: 7/23/2001 to 7/24/2001

Dry Units: 1

Confluence Location: Quad: CAMP MEEKER

Legal Description: T000R000S00

Latitude: 38:23:28.0N

Longitude: 122:52:45.0W

Habitat Units	Units Fully Measured	Habitat Type	% Total Silt/Clay Dominant	% Total Sand Dominant	% Total Gravel Dominant	% Total Small Cobble Dominant	% Total Large Cobble Dominant	% Total Boulder Dominant	% Total Bedrock Dominant
3	1	LGR	0	0	0	0	100	0	0
1	1	BRS	0	0	0	0	0	0	100
1	0	POW	0	0	0	0	0	0	0
5	3	GLD	100	0	0	0	0	0	0
22	4	RUN	0	0	25	50	0	0	25
9	1	MCP	0	100	0	0	0	0	0
2	1	CRP	0	100	0	0	0	0	0
1	1	LSR	0	100	0	0	0	0	0
2	1	PLP	100	0	0	0	0	0	0

Table 7 - Summary of Mean Percent Canopy for Entire Stream

Stream Name: Sexton Creek
 LLID: 1228792383911
 Drainage: Russian River - Lower
 Survey Dates: 7/23/2001 to 7/24/2001
 Confluence Location: Quad: CAMP MEEKER
 Legal Description: T000R000S00
 Latitude: 38:23:28.0N
 Longitude: 122:52:45.0W

Mean Percent Canopy	Mean Percent Conifer	Mean Percent Hardwood	Mean Percent Open Units	Mean Right Bank % Cover	Mean Left Bank % Cover
94	49	51	0	55	57

Note: Mean percent conifer and hardwood for the entire reach are means of canopy components from units with canopy values greater than zero.

Open units represent habitat units with zero canopy cover.

Table 9 - Mean Percentage of Dominant Substrate and Vegetation

Stream Name: Sexton Creek LLID: 1228792383911 Drainage: Russian River - Lower
 Survey Dates: 7/23/2001 to 7/24/2001
 Confluence Location: Quad: CAMP MEEKER Legal Description: T000R000S00 Latitude: 38:23:28.0N Longitude: 122:52:45.0W

Mean Percentage of Dominant Stream Bank Substrate

Dominant Class of Substrate	Number of Units Right Bank	Number of Units Left Bank	Total Mean Percent (%)
Bedrock	3	3	21.4
Boulder	0	0	0.0
Cobble / Gravel	0	0	0.0
Sand / Silt / Clay	11	11	78.6

Mean Percentage of Dominant Stream Bank Vegetation

Dominant Class of Vegetation	Number of Units Right Bank	Number of Units Left Bank	Total Mean Percent (%)
Grass	0	1	3.6
Brush	4	3	25.0
Hardwood Trees	4	4	28.6
Coniferous Trees	5	5	35.7
No Vegetation	1	1	7.1

Total Stream Cobble Embeddedness Values: 1

