

Table D-1. Duncan Creek D8.3 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
10	8.53	46.3	HGR	HGR		
11	8.52	39.7	MCP	Pool		
12	8.51	40.2	MCP	Pool		
13	8.50	73.1	MCP	Pool		
14	8.49	26.4	MCP	Pool		
15	8.49	76.7	LGR	LGR		
16	8.47	44.5	HGR	HGR		
17	8.46	35.8	STP	Pool		
18	8.46	38.4	HGR	HGR		
18.1		40	HGR	HGR		
18.2		35.6	MCP	Pool		
18.3		21.6	CAS	CAS		
18.4		19.1	MCP	Pool		
19	8.45	44.6	LGR	LGR		
20	8.44	76.3	HGR	HGR		
21	8.43	97.7	HGR	HGR		
22	8.41	19.2	MCP	Pool		
23	8.41	66.3	MCP	Pool		
24	8.40	45.4	MCP	Pool		
25	8.39	127.7	MCP	Pool		
26	8.37	36.4	TRN	Run		
27	8.36	48.1	SRN	Run		
28	8.35	25.9	TRN	Run		
29	8.35	33.8	MCP	Pool		
30	8.34	52.2	STP	Pool		
31	8.33	43.3	HGR	HGR		
32	8.33	32.4	CAS	CAS		
33	8.32	95.5	STP	Pool	1	XS for gravel transport ² .
34	8.30	76.9	HGR	HGR		
35	8.29	27.3	MCP	Pool		
36	8.29	61.9	CAS	CAS		
37	8.27	43.9	MCP	Pool		
38	8.27	39.2	RUN	Run		
39	8.26	78.3	HGR	HGR		
40	8.25	35	RUN	Run		
41	8.24	75	HGR	HGR		
42	8.23	85.7	STP	Pool	1	XS for gravel transport ² .
43	8.21	21.3	HGR	HGR		
44	8.21	75.1	STP	Pool		
45	8.20	61.7	LGR	LGR		
46	8.18	40.8	TRN	Run		
47	8.18	26.1	CAS	CAS		
48	8.17	75	MCP	Pool		
49	8.16	46	TRN	Run		
50	8.15	194	STP	Pool	1	XS for gravel transport ² .
51	8.12	54.4	HGR	HGR		
52	8.11	74.1	MCP	Pool		
53	8.10	30.5	HGR	HGR		
54	8.10	20	CAS	CAS		
55	8.09	111	STP	Pool		
56	8.07	99	HGR	HGR		
57	8.05	90	MCP	Pool		
58	8.03	118.4	SRN	Run		
59	8.02	52.6	CAS	CAS		

¹Rosgen Channel Type B/F.

²Special purpose transect.

Table D-2. Duncan Creek D6.3 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
171	6.53	23.7	CAS	CAS		
172	6.52	63.2	RUN	Run		
173	6.51	137.4	HGR	HGR		
174	6.49	16.4	CAS	CAS		
175	6.48	58.8	MCP	Pool		
176	6.47	91	RUN	Run		
177	6.46	77.9	HGR	HGR		LGR and Run included in unit.
178	6.45	54.5	RUN	Run		
179	6.44	61.9	POW	Run	2	Crossflow.
180	6.43	42	LGR	LGR		
181	6.42	59.5	STP	Pool		QSS T1.
182	6.41	27	CAS	CAS		
183	6.40	63.3	MCP	Pool		Bottom LGR.
184	6.39	39.9	MCP	Pool		
185	6.39	97.2	HGR	HGR	2	Crossflows.
186	6.37	19.3	MCP	Pool		
187	6.37	27.9	LGR	LGR		
188	6.36	95.7	STP	Pool	3	Head, body, tail in upstream pool. Gravels in tail.
189	6.34	44.8	SRN	Run		2 steps.
190	6.34	17.7	CAS	CAS		
191	6.33	28.6	RUN	Run		
192	6.33	141.3	STP	Pool	3	Head, body, tail. QSS T2.
193	6.30	91.8	MCP	Pool	3	Head, body, tail. Gravels in body. Small backwater.
194	6.29	24.8	HGR	HGR		
195	6.28	48.8	PLP	Pool		Long with multiple pockets.
196	6.28	40.1	CAS	CAS		
197	6.27	27.7	MCP	Pool		
198	6.26	65.4	HGR	HGR	1	XS is in LGR at top of unit.
199	6.25	54.9	LGR	LGR	1	RUN-like.
200	6.24	113.8	HGR	HGR	2	RUN-like.
201	6.22	78.9	RUN	Run	2	Bottom XS is QSS T3. MCP at bottom.
202	6.21	42.1	CAS	CAS		
203	6.20	43.5	MCP	Pool	3	Gravels at head.
204	6.20	32.1	POW	Run		
205	6.19	33.4	CAS	CAS		
206	6.18	99	MCP	Pool		
207	6.16	47	HGR	HGR		XS for gravel transport ² .
208	6.15	58	TRN	Run		
209	6.14	110	LSP	Pool		

¹Rosgen Channel Type B/F.

Table D-3. North Fork Long Canyon Creek NFLC1.9 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
93	2.06	137	SRN	Run	1	Pocket gravel.
94	2.05	30	HGR	HGR		
95	2.05	25	MCP	Pool		
96	2.04	47	POW	Run	1	Wide, slow.
97	2.03	59	STP	Pool		
98	2.02	47	HGR	HGR		
99	2.01	55	LSP	Pool		LWD over unit.
100	2.01	44	HGR	HGR		Complex. Top of unit is LGR.
101	1.99	80	STP	Pool		Tree cover. Downstream is shallow.
102	1.98	42	HGR	HGR		Pocket pools.
103	1.98	23	LSP	Pool	2	Small pool. XS in body and tail. Tail with gravels.
104	1.98	28	LGR	LGR	1	Wide, shallow.
105	1.97	29	LSP	Pool		Shallow.
106	1.97	28	HGR	HGR		No habitat.
107	1.96	58	MCP	Pool	3	Head, body, tail. Head difficult. Tree cover.
108	1.95	64	HGR	HGR		RUN at top. No habitat in HGR. Split.
109	1.94	80	STP	Pool	1	XS is tailout. Has gravels on bank.
110	1.93	43	HGR	HGR		
111	1.90	160	STP	Pool		Shallow.
112	1.89	91	HGR	HGR	2	1XS in pocket, 1XS in fast water. RUN at top.
113	1.88	45	MCP	Pool		
114	1.87	29	HGR	HGR	1	XS used for LGR.
115	1.86	53	MCP	Pool	3	Head, body, tail. Tail is QSS T0. Coarse gravel.
116	1.85	62	HGR	HGR	1	XS is for RUN. Perched gravels.
117	1.84	77	STP	Pool		Top is RUN. Small pocket gravel.
118	1.82	84	HGR	HGR	1	QSS T1.
119	1.81	39	MCP	Pool		Coarse gravel in pockets.
120	1.80	31	LGR	LGR		
121	1.79	24	LSP	Pool		
122	1.78	44	RUN	Run		
123	1.77	27	STP	Pool		
124	1.75	89	HGR	HGR	1	QSS T2. Use XS for LGR.
125	1.74	59	LSP	Pool		
126	1.74	34	BRS	CAS		
127	1.74	27	TRN	Run		
128	1.72	131	STP	Pool		
129	1.72	41	HGR	HGR		XS for gravel transport.
130	1.71	103	TRN	Run		
131	1.70	50	STP	Pool		
132	1.70	24	HGR	HGR		
133	1.67	106	TRN	Run		
134	1.66	55	MCP	Pool		
135	1.66	31	LGR	LGR		

¹Rosgen Channel Type B.

Table D-4. South Fork Long Canyon Creek SFLC2.3 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
72	2.57	93.8	MCP	Pool		
73	2.56	31.5	LGR	LGR		Part HGR.
74	2.55	11.5	MCP	Pool		
75	2.55	64.5	SRN	Run		Wide/shallow.
76	2.54	76.8	STP	Pool		
77	2.53	39.1	SRN	Run	2	Gravels at upstream xs. Shallow.
78	2.52	66.9	STP	Pool		
79	2.51	28.6	LGR	LGR		
80	2.51	23.6	MCP	Pool		Part LGR.
81	2.50	55.1	LGR	LGR		Part HGR.
82	2.49	37.7	STP	Pool		
83	2.49	38	LGR	LGR		
84	2.48	27.9	MCP	Pool		
85	2.48	138.5	LGR	LGR		RUN in middle.
86	2.45	103.7	LSP	Pool		
87	2.44	52.1	LGR	LGR		Part HGR.
88	2.43	10.7	MCP	Pool		
89	2.43	90.2	HGR	HGR	1	Step with pockets/run.
90	2.41	34.5	RUN	Run		Narrow.
91	2.41	61.2	LGR	LGR	1	Narrow.
92	2.40	45.3	RUN	Run	2	
93	2.39	131.9	LSP	Pool	1	XS is tail with gravels.
94	2.37	46	TRN	Run		
95	2.36	45.3	MCP	Pool		
96	2.35	54.9	LGR	LGR		RUN-like in lower half.
97	2.34	91.4	MCP	Pool	3	Head, body, tail. Gravels at tail.
98	2.33	105	HGR	HGR	1	Steep, narrow.
99	2.31	53.2	LSP	Pool		
100	2.30	68.1	HGR	HGR		
101	2.29	46.9	MCP	Pool		
102	2.29	43.6	RUN	Run	1	QSS T2 as XS. Pool-like.
103	2.28	110.5	LGR	LGR		CAS within. Small pool DS of CAS.
104	2.26	102.2	MCP	Pool	2	No head.
105	2.24	74	LGR	LGR		Combine with LGR below.
106	2.23	46.1	LGR	LGR	2	1XS is QSS T1.
107	2.22	102.2	MCP	Pool	3	Head, body, tail.
108	2.21	127.8	LGR	LGR		XS for gravel transport ² .
109	2.18	31	LSP	Pool		

¹Rosgen Channel Type B.

Table D-5. Long Canyon Creek LC9.0 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
120	9.21	258.7	SRN	Run		
121	9.16	70.6	HGR	HGR		
122	9.15	66.6	MCP	Pool		
123	9.13	224.5	LGR	LGR		Sections of HGR.
124	9.09	58.7	MCP	Pool	1	Deep, bedrock.
125	9.08	38.5	CAS	CAS		Pool in middle. Upstream barrier.
126	9.08	90.9	STP	Pool	2	1XS in downstream pool with gravels , QSS T1 is head. 1XS in top pool.
127	9.06	243	HGR	HGR	2	
128	9.02	78.9	MCP	Pool	3	Head, body, tail.
129	9.00	85.6	HGR	HGR		
130	8.99	34.5	MCP	Pool		
131	8.98	293.4	LGR	LGR	2	1XS is QSS T2 . DS XS is RUN-like. Short HGR at bottom.
132	8.93	134.6	RUN	Run	2	Small pool at upstream end.
133	8.90	125.5	LGR	LGR		Steps of HGR.
134	8.88	98.6	MCP	Pool	3	Head, body, tail. Gravels at tail out. Long, shallow tailout.
135	8.86	132.2	LGR	LGR	2	RUN at downstream end. Nearly HGR.
136	8.84	97.9	RUN	Run	1	Small step, almost SRN. Pocket gravels.
137	8.82	93.9	MCP	Pool		
138	8.80	259	LGR	LGR		
139	8.76	33.6	BRS	CAS		
140	8.75	129.4	STP	Pool		
141	8.73	35.7	BRS	CAS		

¹Rosgen Channel Type F.

Table D-6. Middle Fork American River MF44.7 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
707	44.66	50	CAS	CAS		Access downstream difficult at high flows.
708	44.67	176	STP	Pool		QSS T1 and T2 in unit. Confined bedrock.
709	44.70	23	CAS	CAS		
710	44.71	50	PLP	Pool		
711	44.72	33	CAS	CAS		
712	44.72	55	LGR	LGR		Unique LGR.
713	44.73	186	MCP	Pool		Access difficult at high flows.
714	44.77	52	CAS	CAS		
715	44.77	102	HGR	HGR		Complex, split channel.
716	44.79	31	MCP	Pool		Side pool.
717	44.80	156	MCP	Pool	4	QSS T0 is downstream of tailout. 2nd flag going u/s has gravels.
718	44.83	34	MCP	Pool		Short, deep.
719	44.83	56	HGR	HGR	1	Little fish habitat, one short section of level flow.
720	44.84	104	SRN	Run		Wide, difficult to model. Split channel.
721	44.86	144	MCP	Pool	4	Gravels in body and tailout. Backwater. 2nd flag going u/s has gravels
722	44.89	113	STP	Pool		Hard access up step. CAS at top and at step.
724	44.90	66	MCP	Pool		
725	44.91	52	LGR	LGR	1	RUN-like, wide.
726	44.92	55	RUN	Run	1	Pool-like on margin, eddies, wide.
727	44.93	62	HGR	HGR		Too complex to model.
728	44.94	209	STP	Pool	6	3XS in pool, 1XS in step pool. 2XS in HGR. Mid-pool gravels RB-XS 5 or 6
729	44.97	31	HGR	HGR		Complex, some CAS.
730	44.98	86	RUN	Run	2	Deep, slow run. Narrow at top, LGR-like.
731	44.99	49	LGR	LGR		Nearly HGR.
732	45.00	71	MCP	Pool		Split head.
733	45.01	56	LGR	LGR		Side pool. Access difficult above at high flows.
734	45.02	63	PLP	Pool		
735	45.03	18	CAS	CAS		
736	45.03	157	STP	Pool		HGR between units.
737	45.05	100	SRN	Run		HGR-like.
738	45.07	67	MCP	Pool		
739	45.08	34	HGR	HGR		Complex.
740	45.09	55	RUN	Run		
741	45.10	49	LGR	LGR		HGR or POW-like.
742	45.11	167	MCP	Pool		Complex tail.

¹Rosgen Channel Type Ba/Fb.

Table D-7. Middle Fork American River MF36.2 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
Interbay Reservoir						
685	35.98	225	MCP	Pool		
686	36.02	224	HGR	HGR	2	Upstream XS is LGR, Downstream XS is HGR.
687	36.06	87	LSP	Pool	3	Head, body, tail. Gauge.
688	36.08	74	RUN	Run	1	
689	36.09	98	HGR	HGR	3	2XS in HGR, 1XS in Run.
690	36.11	197	MCP	Pool	3	1XS in body, 2XS in tail. Gravels in body and tail
691	36.15	80	MCP	Pool	1	XS near head, deep and fast water.
692	36.16	43	CAS	CAS		
693	36.17	43	HGR	HGR	1	Little habitat, hard to model.
694	36.17	55	RUN	Run	1	Gravels.
695	36.18	163	STP	Pool	2	2XS in Pool. 1XS at T1, 1XS at T2.
No access beyond this point.						

¹Rosgen Channel Type Ba/Fb.

Table D-8. Middle Fork American River MF26.2 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Side Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
317	pow Reservoir		DPL				
318	25.94	292	MCP		Pool		Not as representative, alternate pool.
319	25.99	186	LGR		LGR	(2D)	Split channel (FYLF 2D site #1, upstream portion of unit included in modeling).
320	26.02	232	MCP		Pool	3 (2D)	Head, body, tail. USGS Gage. (FYLF 2D site #1).
320.1		105		LGR	LGR		Split channel.
321	26.07	41	MCP		Pool		Split channel.
322	26.07	46	RUN		Run		Split channel (Potential 2D site #2).
323	26.08	187	LGR		LGR	1	Wide LGR. In short section between split channels.
323.1		270		LGR	LGR	(2D)	Split channel (Potential FYLF 2D site #2) ² .
324	26.12	107	RUN		Run		Split channel.
325	26.14	91	MCP		Pool		Split channel.
326	26.15	130	HGR		HGR	1 (2D)	Split channel (Potentially model with 2D).
327	26.18	188	POW		Run	3 (2D)	Split channel (FYLF 2D site #2). Gravels.
328	26.21	42	LGR		LGR	1	Short, narrow LGR.
329	26.22	63	RUN		Run	1	Short run.
330	26.23	92	HGR		HGR	2	Lower gradient HGR ³ . Gravels.
331	26.25	190	SRN		Run	3	1XS wide, 1XS narrow, and 1XS deep.
332	26.28	99	POW		Run		Complex, multiple levels.
333	26.30	125	MCP		Pool	3	Head, body, tail. Small split near head of pool.
334	26.32	293	HGR		HGR	2	1XS wide, 1XS narrow. Complex at bottom of unit. Gravels.
335	26.36	140	STP		Pool	3	Some backwater.
336	26.38	48	CAS		CAS		
337	26.39	172	PLP		Pool	1	XS at tailout. Difficult access to pool body and head.
338	26.42	47	CAS		CAS		No access beyond this point.

¹Rosgen Channel Type Bc/F.²Extent of 2D modeling dependent on FYLF egg mass oviposition locations.³One HGR transect is alternative, potentially replaces transect in unit #326.

Table D-9. Middle Fork American River MF14.1 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Side Channel Type	Instream Flow Habitat Type	Proposed 2D Subset	Notes
174	13.32	597	MCP		Pool		
175	13.44	231	RUN		Run		
176	13.48	754	MCP		Pool		
177	13.64	846	SRN		Run		Gravels on RB split.
178.1		868		LGR	LGR		
178	13.78	700	MCP		Pool	2D	
179	13.92	564	RUN		Run	2D	
180	14.03	276	HGR		HGR	2D	
181	14.08	581	MCP		Pool	2D	
182	14.16	206	LGR		LGR	2D	
183	14.20	573	MCP		Pool	2D	Gravels.
184	14.31	303	LSP		Pool	2D	
185	14.38	133	LGR		LGR	2D	
186	14.44	520	RUN		Run	2D	
187	14.50	148	LGR		LGR	2D	Gravels.
188	14.52	160	RUN		Run		
189	14.55	70	LGR		LGR		
190	14.58	166	RUN		Run		
191.1		343		RUN	RUN		
191.2		263		LGR	LGR		
191	14.69	1267	MCP		Pool		
192	14.94	135	HGR		HGR		
193	14.96	194	RUN		Run		

¹Rosgen Channel Type Bc/F.

Table D-10. Middle Fork American River MF4.8 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Side Channel Type	Instream Flow Habitat Type	Proposed 2D Subset	Notes
67	3.66	156	HGR		HGR		
68	3.69	99	MCP		Pool		
69	3.70	790	MCP		Pool		
70	3.85	133	RUN		Run		
71	3.87	304	LGR		LGR		
72	3.93	1030	GLD		Run		
73	4.13	218	LGR		LGR	2D	
74	4.17	474	MCP		Pool	2D	
75	4.26	190	RUN		Run	2D	
76	4.30	132	LGR		LGR	2D	
77	4.32	170	LSP		Pool	2D	
78	4.35	456	RUN		Run	2D	
79	4.44	621	MCP		Pool	2D	Gravels.
80	4.56	257	GLD		Run	2D	
81	4.61	439	MCP		Pool	2D	Gravels.
82	4.69	167	LGR		LGR	2D	
83	4.72	514	SRN		Run	2D	Gravels.
84	4.82	538	MCP		Pool	2D	
85	4.92	687	RUN		Run		
86	5.05	313	MCP		Pool		
87	5.11	292	RUN		Run		
88	5.17	1079	LSP		Pool		

¹Rosgen Channel Type Bc/F.

Table D-11. Rubicon River R25.7 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
794	25.14	305.7	GLD	Run		
795	25.20	349.5	LGR	LGR		Gravels in tailout (not modeled).
796	25.26	84.1	MCP	Pool		
797	25.28	236.7	MCP	Pool		
798	25.32	98.8	HGR	HGR		
799	25.34	180.5	LGR	LGR		RUN-like. Split.
800	25.37	135.1	MCP	Pool		Split.
801	25.39	225.5	HGR	HGR		
802	25.43	68.1	RUN	Run		
803	25.44	104.1	HGR	HGR		Lower gradient.
804	25.46	191.0	MCP	Pool		RUN-tailout.
805	25.50	220.1	LGR	LGR	1	QSS T1. HGR-like.
806	25.54	545.3	MCP	Pool		Glide-tailout.
807	25.63	237.2	LSP	Pool	4	Head, body, tail. Gravels in tailout.
808	25.67	196.7	LGR	LGR	1	XS for watersurface at QSS 2 ² .
809	25.71	216.3	MCP	Pool	3	Head, body, tail. Deep, short.
810	25.75	24.5	HGR	HGR		
811	25.75	34.8	MCP	Pool		
812	25.76	56.4	HGR	HGR		
813	25.77	110.0	RUN	Run	2	Deep.
814	25.78	57.3	LGR	LGR	1	Short unit.
815	35.80	90.0	RUN	Run	2	Deep, slow.
816	25.81	216.5	MCP	Pool		Glide-like.
817	25.85	200.0	HGR	HGR	2	
818	25.88	92.3	LGR	LGR	2	
819	25.90	89.4	RUN	Run	2	Shallow, wide. DS XS may be LGR.
820	25.92	439.7	MCP	Pool	4	Head, 2 in body, tail. Small split in body. Gravels in tail.
821	26.00	284.0	HGR	HGR	2	Longer, some complex habitat.
822	26.05	178.3	RUN	Run		
823	26.08	262.6	HGR	HGR		
824	26.13	193.9	RUN	Run		

¹Rosgen Channel Type C.²Special purpose transect.

Table D-12. Rubicon River R20.9 Mesohabitat Unit Location and Type¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
657	20.22	98.3	HGR	HGR		
658	20.23	241.5	MCP	Pool		Alternate pool.
659	20.28	440.0	SRN	Run		Alternate run.
660	20.36	77.5	HGR	HGR		Alternate HGR.
661	20.37	181.2	RUN	Run		Short LGR at top, shallow.
662	20.40	320.6	MCP	Pool	3	Head, body, tail. Angled tailout. Gravels in tail out.
663	20.46	125.8	RUN	Run	1	Medium width run.
664	20.48	157.1	HGR	HGR	1	Wider, less steep section. Difficult to model.
665	20.51	606.3	RUN	Run	1	Slow wide run. Gravels in XS.
666	20.62	156.1	RUN	Run	1	Nearly pool.
667	20.64	74.9	SRN	Run		
668	20.66	92.0	HGR	HGR	1	Some SRN near top.
669	20.67	98.0	SRN	Run	1	Deep, fast run. Bottom step is HGR.
670	20.69	63.0	MCP	Pool	1	Deep, slow. Some run components.
671	20.70	227.0	MCP	Pool	4	Head, body, tail.
672	20.74	18.0	HGR	HGR		
673	20.75	71.0	RUN	Run		
674	20.76	115.0	MCP	Pool		Split.
675	20.78	76.0	HGR	HGR		Part CAS.
676	20.79	334.0	RUN	Run		Wide.
677	20.85	77.0	LGR	LGR		Split. QSS T2, collect water surface elev. data.
678	20.86	56.0	RUN	Run		Wide.
679	20.87	199.0	MCP	Pool	3	Head, body, tail. Gravels in tailout of split channel. Small split.
680	20.91	43.0	LGR	LGR	1	
681	20.92	187.0	SRN	Run	2	1XS in narrow RUN, 1XS in HGR (step).
682	20.95	117.0	MCP	Pool		Split head. Nearly run.
683	20.97	112.0	CAS	CAS		
684	20.99	86.0	HGR	HGR	2	1XS wide, 1XS narrow.
685	21.01	542.0	MCP	Pool		Ellicott Bridge

¹Rosgen Channel Type B/Fb.

Table D-13. Rubicon River R3.5 Mesohabitat Unit Location and Type ¹.

Unit #	River Mile Start	Unit Length (ft)	McCain Channel Type	Instream Flow Habitat Type	Instream Flow Transects	Notes
56	2.63	62.0	LGR	LGR		
57	2.64	50.0	RUN	Run		
58	2.65	143.0	MCP	Pool		
59	2.68	98.0	CAS	CAS		
60	2.70	135.0	RUN	Run		
61	2.72	102.0	MCP	Pool		
62	2.74	84.0	HGR	HGR		
63	2.75	84.0	RUN	Run		
64	2.77	149.0	LSP	Pool		Step pool.
65	2.79	245.0	LSP	Pool		Step pool.
66	2.83	111.0	HGR	HGR		
67	2.85	265.0	MCP	Pool		
68	2.90	150.0	HGR	HGR	2	
69	2.96	70.0	LGR	LGR	1	
70	2.97	350.0	RUN	Run	2	
71	3.02	150.0	LSP	Pool	3	Gravels at middle xs.
72	3.05	75.0	LSP	Pool		Short pool.
73	3.07	75.0	LGR	LGR		
74	3.08	134.0	LSP	Pool		
75	3.11	68.0	LGR	LGR	1	Short unit.
76	3.12	501.0	MCP	Pool	4	Multiple scours. Coarse gravels in tail.
77	3.22	145.0	CAS	CAS		Side run.
78	3.24	186.0	SRN	Run	1	Three short runs.
79	3.28	124.0	HGR	HGR		Complex.
80	3.30	52.0	RUN	Run		
81	3.31	151.0	MCP	Pool	1	XS in tailout for gravels. Split tailout with egg masses.
82	3.34	288.0	SRN	Run	2	Three short runs with CAS and LGR between.
83	3.39	326.0	HGR	HGR	2	Some gravels. Upstream XS is LGR.
84	3.45	257.0	LSP	Pool	2D	Backwater, FYLF Site #1 (Downstream end of pool only)
85	3.50	152.0	LGR	LGR		
86	3.53	50.0	RUN	Run		
86.1		150.0	TRN	Run		Split channel.
87	3.54	467.0	LSP	Pool		Long Canyon enters at head. QSS T1 at tailout.
88	3.62	105.0	HGR	HGR		
89	3.64	110.0	RUN	Run	2D	Pool-like, lateral scour. FYLF Site #2 cont. (Upstream part of run to be modeled).
90	3.66	353.0	MCP	Pool	3 (2D)	Amph HSC site. Backwater, long glide-like tailout. FYLF Site #2.

¹Rosgen Channel Type Bc/F