

**APPALACHIAN POWER COMPANY  
CLAYTOR HYDROELECTRIC PROJECT NO. 793-018  
INSTREAM FLOW NEEDS STUDY**

**APPENDIX A**

**HABITAT MAPPING DATABASE**

New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
	1	----				Start @ Little River	
	2	----				I81 Bridge	
1	3	PL	11.9	2970			
	4	----				Top of Island	
2	5	GL	7.4	1367			
3	6	SR		212			
4	7	GL	4.2	566			
5	8	RN	3.1	296			
6	9	SR		900		Estimate; double WP's	
7	10	RN		116		Top of 2nd Island RB	
8	11	SR		346			
9	12	RN	3.2	1003		End Islands	
	13	----				Boat Ramp RB, Riverview Park	
9	14	PL	14.4	3495		Mostly 8-11'	
10	15	PL	8.3	642			
	16	----				Top of Island	
11	17	GL	4	908		End Island	
12	18	SR		642			
13	19	RN	3.6	427			
14	20	PL	8.2	1768			
15	21	GL	3.6	252			
16	22	LR	1.5	123			
17	23	PL	13.2	1948			
18	24	GL	5.4	173		Control break between pools	
19	25	PL	7.8	408			
20	26	GL	5.5	171			
21	27	LR	3.3	355			
22	29	PL	6.8	613			
23	30	RN	5.5	192		Bedrock	
24	31	PL	8.9	436			
25	32	LR		244			
26	33	RN	6.3	393			
27	34	LR	2.9	117			
28	35	PL	10.2	626		Boat Ramp LB + Trib	
29	36	GL	6.2	209			
30	37	PL	10.3	140		RR Bridge	
31	38	GL		285			
32	39	PL	8	472			
33	40	GL	4.5	473			
34	41	PL	7.2	193			
35	42	GL	4.7	305			
36	43	RN	3.6	535			
37	44	SR		134			
38	45	RN	4.7	608		Hwy 11 Bridge	
39	46	PL	6.2	283			

New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
40	47	LR		196			
41	49	PL	6.1	1457			
42	50	GL	4.1	186			
43	51	SR		531			
44	52	RN	5.5	439			
	53	----				Boat Ramp RB; City Park?	
45	54	PL	9.2	2965			
46	55	PL	19.9	328			
47	56	LR	4	826		80% Run	
48	57	PL	7.2	633			
49	58	RN	4.3	573			
50	59	LR		211			
51	60	PL	8.1	192			
52	61	FR		183			
53	62	PL	11.4	606			
	63	----				Glide Continues @ WP 189	
	188	----				Radford Boat Ramp	
54	189	GL	6	1070		WP 63-189	
	190	----				Depth 20.5'	
55	192	PL	20.5	1482		Top of Island	
56	193	GL	5.5	240			
57	194	LR		92		Short	
58	195	RN	8.8	20			
59	196	PL	13.2	296		Short	
60	197	GL	6.2	521		Bot of Island	
61	198	PL	10.4	1188			
	199	----				Abandoned RR Bridge	
62	200	GL	6.8	638			
63	201	PL	6.8	887			
64	202	GL	6.8	1026		Rip Rap RB	
65	203	PL	10.5	68		Noted as short	
66	204	GL	5.5	60			
67	205	LR	3.7	396			
68	206	GL	5	83			
69	209	PL	13.6	3438			
	210	----				Top of Island + Trib RB	
70	211	GL	6.8	1597		Heavy Aq Veg	
71	212	RN	3	310			
72	213	LR	2.5	276			
73	214	RN	2.7	350			
74	215	SR	2	236		Bot of Island	
75	216	RN	2.5	586			
76	217	PL	6.8	201			
77	218	GL	5.3	2334		Noted as long	
78	219	SR		438			
79	220	RN	6.2	354			
80	221	PL	9.2	1211			

New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
81	222	GL	5.6	139			
82	223	GL	6.1	859			
83	224	SR		570		Intermixed with Run	
84	225	RN	5.6	549			
85	226	FR		344			
86	227	RN	6.4	582			
	228	----				HWY 114 Bridge	
87	229	PL	37.8	1643		depth u/s of bridge	
88	230	PL	14.2	59			
89	231	GL	5	108		Noted as short	
90	232	SR		348		Map shows Island from 230-232	
91	233	PL	13	978		Very small SC	
92	234	GL	6.2	122			
93	235	FR		55			
94	236	PL	17.2	1641		Depth at top of Pool	
95	237	PL	8.9	133			
96	238	GL	5.1	214			
97	239	PL	10.2	121			
98	240	GL	5.7	504			
99	241	PL	9.5	185			
100	242	RN	6.5	109			
	244	----				RR Bridge	
101	247	PL	13.8	3464		Combine all previous Pools	
102	248	GL	4	118		Basically a Spine	
103	249	FR		185		Weir for pump station	
104	250	PL	11.8	767			
105	251	SR		936		Step Spines; steep drop @ bottom	
	252	----				Pipes OVH	
106	253	PL	13.4	660			
107	254	GL	6	1414			
108	255	PL	10.2	535			
109	256	GL	6.8	138			
110	257	PL	9.9	218			
111	258	PL	13.4	2484		Bridge	
112	259	GL	7.2	526			
113	260	PL	8.8	791			
114	261	GL	6.5	226			
115	262	PL	20.9	1304		Gravel Bar RB near bot	
116	265	PL	10.3	1104			
117	268	GL	6.9	950			
118	270	SR		806			
119	271	PL	6.8	543			
120	272	GL	3.2	202			
121	273	SR		205			

New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
122	274	GL	7.7	278			
123	275	GL	0.8	179			
124	276	PL	14.4	318			
125	277	GL	5	263			
126	278	RN	3.6	327		Some Rif	
127	280	GL	4.5	632			
128	282	PL	11.4	1236			
129	283	GL	5.8	170			
	284	----				Trib RB	
130	285	PL	14.2	951			
131	286	GL	6.2	317			
132	287	PL	11.5	1583			
133	288	GL	6.5	401			
134	289	PL	15.2	959			
135	290	GL	6	366			
136	291	PL	12.3	773			
137	292	PL	21	584			
138	293	PL	16	1061			
139	294	GL	5.8	470		Noted as short	
140	296	PL	13.4	1551		Mixture of deep holes and bedrock outcrops	
141	297	PL	28	480			
142	298	PL	10.5	804			
	299	----				Top of Islands	
	300	----				Bot RC Island	
143	301	GL	5	2219			
144	303	PL	9.2	660		Bot of Main Island	
145	304	GL	4.5	326			
	305	----				Bot of Islands	
146	306	PL	11	1358			
	307	----				End at Whitethorne Boat Ramp	
	64	----				Start @ Whitethorne Ramp	
147	65	GL	7	3855		WP 307-065	
148	67	PL	12	1450			
149	68	GL	4.5	283		Thick Aquatic Veg	
	69	----				Top island	
150	70	PL	5.5	1805		Bottom island	
151	71	GL	6	1033		Bedrock spine separates glide and pool	
152	73	PL	10	2519		Depth Estimate	
153	74	PL	17.5	3631			
154	75	PL	14.2	2107			
	76	----				Trib LB	
155	77	PL	11	3984		Mostly 4-8' deep	
156	78	GL	6	2037		Top Island	
	79	----				Bottom Island LB	

New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
157	80	PL	6.7	144			
158	81	GL	4.8	810			
159	82	SR		58			
160	83	RN	5.2	148			
161	84	SR		403			
162	85	GL	5	525		Top Island - Mid Chan	
163	86	RN	3.5	255			
	87	----				Bottom Island	
164	88	SR		435			
	89	----				Top 2nd Island	
	90	----				Bottom 2nd Island	
165	91	GL	3	695		Shallow	
166	92	SR		84		WP 92-100: series of spines (Step Spines)	
167	93	GL	4.5	161			
168	94	SR		896			
169	95	PL	10	762			
170	96	RN	5	342		Very Wide	
171	97	SR		220			
172	98	RN	2.5	414		Small Island - Follow LC	
173	99	SR		2554			
	100	----				Top small island	
174	101	RN	3.2	590			
175	102	RN	2.5	436		Bottom small island complex	
176	103	SR		647			
177	104	RN	5	276			
178	105	SR		1652			
179	106	RN	4.6	639			
180	107	PL	6.5	1753			
181	108	CAS		437		Big Falls	
182	109	RN	6	131			
183	110	SR		43			
184	111	PL	6.5	1110		Top Island Complex LB	
185	112	GL	4.2	344			
186	113	RN	3	119			
187	115	GL	3	710		Bottom Island Complex	
188	116	SR		274		WP 116-118; bedrock spines (Step Spines)	
189	117	RN	3.6	314			
190	118	SR		146			
191	119	GL	4.6	506		Berton	
192	120	SR		440		Step Spines	
193	122	PL	6.5	507			
194	123	GL	5.8	270			
195	124	FR		479		Steps (2)	
196	125	RN	4.2	370			
197	126	SR	3	603		Diagonal	
198	127	GL	5.4	765		Goodwins Ferry	

New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
	128	----				Trib RB	
199	129	PL	11.4	2331			
200	130	GL	5.8	536			
201	131	RN	6	461			
202	132	PL	7.5	623			
203	133	GL	4.5	671			
204	134	SR		517			
205	135	RN	2.5	578		Shallow	
206	136	SR		133		Grass Bar LB	
207	137	PL	5.6	609			
208	138	GL	4.6	474			
209	139	PL	5.5	699			
210	140	PL	7	249		Spine between pools	
211	141	GL	4.5	839			
212	142	SR	2	273			
213	143	RN	2.8	263			
214	144	LR	2.5	330		Spine - Run LB	
215	147	RN	4.2	1134		Eggleston Bridge	
	148	----				Boat Ramp RB (concrete); trailer park	
216	149	PL	9.2	1875			
217	150	PL	13.2	552		Cliffs LB	
218	151	PL	21	1753			
219	152	PL	31	619		Cliffs RB	
220	153	PL	66	462			
	154	----				Top of Island complex	
221	156	PL	12	918			
222	158	GL	6	980		Island break	
223	159	RN	5	237			
224	160	FR		232		Island break	
225	161	RN	8	84			
226	162	SR		477			
227	163	RN	5	79		Bottom Island complex	
228	164	PL	9	1706			
229	165	FR		596			
230	166	RN	6	132		Trib RB	
231	167	SR		883			
232	168	RN	5	152			
233	169	PL	11	192			
234	170	PL	16	3538		House w/rope swing LB	
235	171	PL	9	632		Top Island LB	
236	172	GL	5	833			
237	173	SR		68			
238	174	GL	4.5	68		Bottom island	
239	175	SR		931		Bedrock outcrop at bot	
240	176	RN	3.7	882			
241	177	FR		595		Steep	

New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
						riffle	
242	178	RN	6.4	286			
243	179	PL	14	505			
244	182	PL	11	5411		2 spines within pool unit	
245	183	GL	4	380			
246	184	PL	7.2	514			
247	185	GL	5	456			
	308	----				Pembroke Boat Ramp	
248	309	PL	12.6	4501		WP 186-309	
249	310	GL	5.4	901		Top of Island	
250	311	FR	5.8	103			
251	312	RN	5.7	266		Rapid - Bot Island	
252	313	FR		315			
253	314	PL	16	689			
254	315	PL	9.5	806			
255	318	----	5.6			Top Island Complex.	
	319	----				Bot Island LB	
256	320	GL	6.8	2984			
257	321	RN	5	153		Moving from RC to LC	
258	322	GL	4.5	894			
259	323	SR		1390		Bot of Main Island	
260	324	RN	4	99			
261	325	SR		427		Bottom Island complex	
262	326	RN	3.8	519			
263	327	LR	3.5	405			
264	328	SR	2.8	425			
265	329	RN	4	370			
266	330	SR	2.5	124		Trib LB - Sinking Creek	
267	331	GL	6	1172		Power Lines OVH	
268	332	RN	3.6	31			
269	333	SR	3.2	205			
270	334	RN	6	305			
271	335	PL	8	465			
272	336	GL	5.8	636			
273	338	PL	9.5	416			
274	339	GL	7.9	209			
275	340	RN	7	124			
276	341	GL	6.6	468			
277	343	RN	6.9	945		Hwy 460 Bridges	
278	344	PL	11.5	202		Ripplemead Ramp (gravel)	
279	345	FR		361			
280	346	GL	3.5	240			
281	348	PL	12.4	2557		Top small island	
282	349	GL	5.8	869			
283	350	RN	6.5	129			
284	351	PL	8.5	223			



New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
285	352	FR		227			
286	353	RN	7.9	276			
287	354	PL	8.9	312			
288	355	GL	6.5	675			
289	357	PL	14.6	1190			
290	358	GL	5.4	1526			
291	359	RN	6	330		Top Island - RR Bridge	
292	360	FR	5.5	334		Rapid	
293	361	RN	6.7	134		Bottom island	
294	363	GL	7.6	644			
295	364	PL	10.1	798		w/ submerged bedrock outcrops	
296	365	FR		110			
297	367	PL	10.1	3390			
298	368	GL	5.8	623		Trib RB; large boulder bar RB	
299	369	RN	7	275			
	370	----				Ramp RB - Camp Area (low use)	
300	372	PL	10.1	1137		Top Island; small SC	
301	373	GL	7.5	378			
302	374	RN	7.4	98		Rapid; waves at top	
303	375	GL	8.7	934			
304	376	PL	10	157		Depth Estimate	
305	377	GL		264			
306	378	RN		498		Bottom Island	
307	379	FR		666		Rapid	
308	380	RN	7.2	315		Rapid; standing waves	
309	381	RN	6.8	426			
310	382	GL	7	349			
311	385	PL	10	2571			
312	386	GL	7.2	111			
313	387	PL	8.4	666			
314	388	GL	6.4	1005			
315	389	LR	5.1	125			
316	390	PL	9.4	294			
317	391	GL	6.3	529			
318	393	PL	8.5	552			
319	395	RN	5.6	179			
320	396	FR		338		Rapid	
321	397	RN	5.5	86			
322	398	FR		253		Rapid	
	399	----				Bdrk Point Bar RB	
	401	----				Bdrk Spine	
323	402	PL	10.9	1426			
324	403	RN	6.1	569			
325	404	PL	8.1	440		small bedrock cliff LB	
326	405	GL	7	623			
327	406	LR		213		Rapid	

New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
328	407	FR	3.7	261		Rapid	Celco Falls
329	408	RN	8.9	582		Rapid; standing waves	Celco Falls
330	410	PL	15.6	1268			
331	411	PL	10.8	957			
332	413	GL	7.8	1746			
333	414	PL	8.8	195	Top Island near WP 414		
334	415	PL	11.3	212			
335	416	GL	3.5	2635			
336	417	RN	6	178	SC exits		
337	418	GL	5.5	646	SC elevation significantly lower than MC		
338	419	PL	10.2	592			
339	420	GL	7.5	176			
340	421	RN	4.5	590			
341	422	FR		81		Rapid	
	423	----			Hwy 460 Bridges; Bluff City Ramp LB		
	425	----			Effluent from Plant		
341	426	PL	20	4596	mostly 15-16' deep		
342	427	GL	4.5	541	Top Island		
343	428	FR	3	1141		Rapid	
	429	----			Bottom island		
344	430	RN	5	375			
345	431	FR		64		Rapid	
346	432	PL	8.9	545			
347	435	PL	29.5	1280	mostly 12-16' deep		
348	436	RN	6.8	132		Rapid	
349	437	PL	11	291			
350	438	GL	5.8	154			
351	439	RN	7.6	350			
352	440	PL	8.8	409			
353	441	GL	5.6	508			
354	442	RN	3.3	571			
	444	----			RR Bridge		
355	445	PL	10.1	6263	Riverbend Trailer Park RB		
356	446	GL	6.1	421			
357	448	PL	15	1878	Road 61 Bridge		
358	449	PL	8.2	387		Wolf Creek	
	450	----			Narrows Boat Ramp (Upper)		
	450A	----			Top of Island LB		
359	450B	GL	7.5	1138	Glide From WP 450-450B		
360	450C	SR		574	450A-450F mapped on foot		
361	450D	PL	10	2213		Depth Estimate	
362	450E	SR		399			
363		RN		200	NO WP - ESTIMATE 200 FT		

New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
364	450F	PL	10	287	487 - 200	Depth Estimate	
365	451	CAS		202	<b>Narrows Falls</b>		
366	452	RN	8.5	330			
367	453	GL	8.8	361			
368	454	PL	10.5	2099	<b>Lower Narrows Boat Ramp</b>		
369	455	GL	6.8	545	Top SC LB		
370	456	RN	4	127			
371	457	LR	4	302			
372	458	PL	10.5	826			
373	459	GL	5.8	145			
374	460	RN	3.5	343	Bot SC LB		
375	461	GL	7.7	482			
376	462	PL	8.4	1181			
377	463	GL	6.4	904			
	464	----			<b>Rich Creek Boat Ramp</b>		
378	465	PL	12.4	801	Depth just u/s of ramp		
379	466	GL	4.5	920	Top of Island		
380	467	RN	3	155	Follow RC		
381	468	SR		177			
382	469	RN	3.7	132			
383	470	RN	5.1	193			
384	471	FR		89	FR is short - switch lengths		
385	472	RN	5.5	331			
386	473	GL	7.5	587			
387	474	GL	5.6	1477			
388	475	SR	2	36	Bot 1st Island; Top of 2nd Island		
389	476	GL	3.4	858	Follow LC		
390	477	RN	5.6	235			
391	478	SR	3.1	29			
392	479	RN	4.4	556			
393	480	SR	3	250			
394	481	RN	4.8	687	Small SC enters RB		
395	482	PL	7.8	438			
396	483	GL	5.3	152			
	484	----			Bot 2nd Island		
397	485	PL	10.2	783			
398	487	GL	6	811			
399	488	RN	5.5	333	Short rif LB at Top		
400	489	PL	11.2	1319			
401	490	PL	14.5	615			
402	491	GL	6	115			
403	492	PL	13.4	768			
404	494	PL	9.9	1434			
405	497	GL	7.2	1591			

New River Habitat Mapping Database							
Claytor Dam to Glen Lyn							
Unit #	WP	Habtype	Depth	Length		Notes	
	499	----				Glen Lyn Park/Boat Ramp	
406	NA	PL	10.5	4970		Same Pool - Ends at Bridge	

New River Habitat Mapping Database							
Glen Lyn to Bluestone Lake							
Unit #	WP	Habtype	Depth	Length		Notes	
	2	----	----	----		Start - Hwy 460 Bridge at Glen Lyn	
1	3	PL	8.2	731		Top island	
2	4	GL	----	209			
3	5	SR	----	2045		Bottom island	
4	6	FR	----	381			
5	7	PL	8.4	419			
6	8	SR	----	108			
7	9	RN	5.8	501		mostly 2 -3 feet deep	
8	10	GL	6.5	533			
9	11	PL	11.8	1396		Access road LB	
10	12	GL	6.5	490			
11	13	PL	12.0	465			
12	14	GL	7.0	208			
13	15	PL	13.2	698			
14	16	GL	7.5	736			
15	17	PL	10.0	213			
16	18	GL	5.7	159			
17	19	PL	10.5	465		Road, mid-pool, LB	
18	20	GL	4.8	241			
19	21	SR	----	575		Relatively flat gradient	
20	22	SR	----	468		Steeper gradient	
21	23	FR	----	402		Rapid, Stay left	
22	24	RN	8.5	411		Chute down mid-pool	
23	25	PL	11.1	405			
24	26	GL	6.5	193			
25	27	PL	14.5	151			
26	28	GL	8.8	462			
27	29	PL	10.5	134			
28	30	GL	7.8	418			
----	31	----	----			Bedrock ledge	
29	32	PL	12.2	801			
30	33	GL	7.5	155		shoal	
31	34	PL	11.0	960			
32	35	PL	23.0	533		deep	
33	36	GL	8.0	258			
34	37	SR	----	473			
35	38	RN	7.5	361			
36	39	LR	----	336			
37	40	RN	----	257			

New River Habitat Mapping Database							
Glen Lyn to Bluestone Lake							
Unit #	WP	Habtype	Depth	Length	Notes		
38	41	SR	----	168	Sand beach LB w/tire tracks		
39	42	PL	15.2	1372	could launch boat		
40	43	GL	7.5	681			
41	44	PL	12.0	373			
42	45	LR	----	319	Series of two. RC and LC bar		
43	46	RN	6.5	261	Quiet mid-channel		
44	47	LR	----	127	1st island at bottom of bedrock spine-short		
45	48	RN	6.0	535	2nd small island RB, quiet mid-channel		
46	49	RN	5.2	300	Same Run		
47	50	GL	5.0	279			
48	51	LR	4.0	202	Small island LB		
49	52	PL	9.5	948	Camp site LB		
50	53	GL	8.0	187			
51	54	PL	12.5	782			
52	56	GL	9.5	668			
53	57	RN	----	208			
54	58	GL	----	183			
55	59	RN	9.0	195			
56	60	RN	7.5	196	Same run as 59		
57	61	LR	----	228			
58	62	PL	9.5	292	Access LB		
59	63	GL	6.5	273	Top 3 islands LB, small LC		
60	64	RN	4.5	157			
61	65	PL	9.7	246			
62	66	RN	6.0	211			
63	67	PL	10.0	263			
64	68	RN	7.0	315			
65	69	LR	----	114			
----	70	----	----	----	Bottom islands		
66	71	GL	9.0	472			
67	72	RN	5.0	223			
68	73	LR	4.0	404			
69	74	SR	3.5	258			
70	75	RN	5.0	432	Camp sites both banks		
71	76	PL	13.5	2376			
72	77	CAS	----	167	Wylie Falls Go right		
----	78	----	----	----	Canoe access LB		
73	79	PL	12.0	1274			
74	80	GL	7.5	276	control break		
75	81	PL	10.0	453			
76	82	GL	7.0	496	control break ~150'		
77	83	PL	11.0	237			
78	84	RN	3.5	124	control break		
79	85	PL	9.0	854			
80	86	GL	5.0	142	control break		

New River Habitat Mapping Database							
Glen Lyn to Bluestone Lake							
Unit #	WP	Habtype	Depth	Length		Notes	
81	87	PL	9.2	457			
82	88	GL	5.5	196			
83	89	SR	3.5	119			
84	90	PL	9.8	605			
85	91	GL	7.0	315			
86	92	RN	5.0	64			
87	93	SR	----	116			
----	94	----	----	----		Top small island RB	
88	95	RN	5.0	584			
89	96	SR	----	88			
90	97	RN	7.0	111			
91	98	LR	----	91			
92	99	RN	6.5	308			
93	100	SR	----	203		Some wave action LB	
94	101	RN	5.5	579			
95	102	GL	7.0	577			
96	103	SR	----	86		short break	
97	104	PL	9.3	1816			
98	105	GL	5.5	338			
99	106	RN	6.5	128		control break	
100	107	PL	10.0	1377			
101	108	GL	6.0	126			
----	109	----	----	----		Boat Ramp RB. Access ? CG	
102	110	PL	10.8	1837		added 300' per notes	
----	111	----	----	----		Top 1st island, follow RC, SC similar	
103	112	GL	7.5	618		subtracted 300'	
104	113	RN	4.0	465		some riffle at top (bar LB)	
105	114	RN	6.5	859			
106	115	GL	6.8	765			
107	116	LR	4.3	173			
108	117	RN	4.7	284			
109	118	SR	2.7	133			
110	119	RN	3.2	366			
111	120	GL	7.0	667			
112	121	RN	4.5	305		Some bars and shallows.	
113	122	RN	3.5	208			
114	123	SR	2.8	109		Diagonal	
115	124	PL	7.9	224			
116	125	RN	3.5	105			
117	126	GL	5.5	442		End 7/27/07	
118	128	GL	----	375		Same Glide	
119	129	LR	----	102			
----	130	----	----	----		Channel enters from LB	
120	131	GL	5.5	816		Slow, almost pool	
121	132	SR	----	275		2nd channel enters from LB	
122	133	RN	4.4	232			

New River Habitat Mapping Database							
Glen Lyn to Bluestone Lake							
Unit #	WP	Habtype	Depth	Length		Notes	
123	134	SR	----	91		short	
124	135	RN	5.6	159			
125	136	PL	23.0	995			
126	137	RN	7.8	430			
----	138	----	----	----		Bottom island set	
127	139	PL	6.5	916		Shallow, slow, Top island RC, follow LC	
128	140	GL	4.0	230			
129	141	SR	----	110		Diagonal	
130	142	LR	----	461			
131	143	LR	4.5	137		mostly run LB	
----	144	----	----	----		Tributary LB	
132	145	GL	6.0	1521			
133	146	RN	----	360		short	
----	147	----	----	----		Top island mid-channel, bottom island RB	
134	148	SR	----	1150		Bottom MC island, water willow	
135	149	RN	----	239			
136	150	SR	----	135		short	
137	151	RN	4.5	444			
138	152	GL	6.0	589			
139	153	FR	----	130		Rapid, short, standing waves bottom	
140	154	RN	5.0	647			
141	156	GL	7.0	1131			
142	157	PL	10.7	768			
143	158	FR	----	212		Rapid	
144	159	RN	----	304		Rapid at top, Backwater LB	
145	160	LR	----	114			
146	161	RN	6.5	227		Tributary LB, point bar w/veg + small SC	
147	162	PL	13.0	771			
148	163	RN	----	83		short control	
149	164	PL	13.0	379			
150	165	GL	7.5	205			
151	166	PL	14.0	364			
152	167	GL	8.0	92			
153	168	PL	15.0	1353			
154	169	FR	----	262		Rapid	
155	170	PL	18.0	2192			
156	171	RN	6.0	174		control	
157	172	PL	11.0	678			
158	173	LR	----	131			
159	174	RN	6.5	153			
160	175	LR	4.0	95		mostly run	
161	176	PL	16.0	565			
162	177	RN	6.0	196			
163	178	PL	13.0	1186			
164	179	RN	----	46		short control	
165	180	PL	11.0	631			

New River Habitat Mapping Database							
Glen Lyn to Bluestone Lake							
Unit #	WP	Habtype	Depth	Length	Notes		
166	181	GL	4.5	69	short control		
167	182	PL	11.0	450			
168	183	GL	4.5	199			
169	184	PL	13.0	612			
170	185	GL	6.0	90	short control		
171	186	PL	14.0	584			
172	187	GL	4.3	112	control		
173	188	PL	13.0	1012			
174	189	GL	----	264			
175	190	FR	----	423	Harvey Falls		
176	191	RN	----	512	gravel ramp RB		
177	192	GL	8.0	504	Campground		
178	193	RN	4.0	85	control break		
179	194	GL	6.0	232			
180	195	PL	10.5	652			
181	196	SR	----	97	control, campground RB		
182	197	PL	11.0	2373			
183	198	GL	----	206			
184	199	PL	13.0	730			
185	200	GL	5.0	394	Small island LB		
186	201	PL	12.0	1277			
187	202	GL	6.0	157			
188	203	PL	10.0	584			
----	204	----	----	----	Top two small islands LB, gravel ramp RB		
189	205	GL	----	860	Indian Creek delta		
190	206	FR	----	255	Rapid		
191	207	RN	----	215			
192	208	SR	----	786	Islands LB, top large island, small SC RB		
193	209	RN	----	573	Water willow		
194	210	SR	----	505	Bottom islands		
195	211	GL	6.0	1007			
196	212	SR	3.0	87	short control		
197	213	PL	9.0	1272	shallow		
198	214	GL	5.0	475	Campground and mud ramp RB		
199	215	SR		123	Essentially end of reach		
					Below not included in Database Summary		
	216	GL		7960	Reservoir influence. RM 11.0		
					Bull Falls RM 9.5		