

Data ID	Event _ID	stream reach	upper _lower	year	tat Num ber	main channel or secondary	Habitat Type	General habitat category	Substrate One	Substrate Two	Substrate Three
873	3	59B	reach	1990	23	main	Pool	riffle	GR	SA	
258	3	59B	reach	1990	24	main	Riffle	riffle	PE	CO	GR
18	3	59B	reach	1990	25	main	Pool	riffle	SA	GR	PE
635	3	59B	reach	1990	26	main	Riffle	riffle	SA	GR	PE
294	3	59B	reach	1990	27	main	Glide	glide	GR	PE	SA
37	3	59B	reach	1990	28	main	Riffle	riffle	PE	GR	SA
582	3	59B	reach	1990	29	main	Glide	glide	SA	GR	
61	3	59B	reach	1990	30	main	Riffle	riffle	PE	GR	CO
868	3	59B	reach	1990	31	main	Glide	glide	GR	PE	SA
77	3	59B	reach	1990	32	main	Riffle	riffle	PE	CO	GR
745	3	59B	reach	1990	33	main	Glide	glide	GR	PE	SA
769	3	59B	reach	1990	34	main	Riffle	riffle	CO	PE	SA
806	3	59B	reach	1990	35	main	Rapid	riffle	CO	BO	
206	3	59B	reach	1990	36	main	Riffle	riffle	PE	GR	BO
1050	3	59B	reach	1990	37	main	Glide	glide	SA	GR	PE
916	3	59B	reach	1990	38	main	Riffle	riffle	GR	PE	SA
682	3	59B	reach	1990	39	main	Glide	glide	SA	GR	PE
452	3	59B	reach	1990	40	main	Riffle	riffle			
270	3	59B	reach	1990	41	secondary	Seconda	marsh	SA	SI	OR
564	3	59B	reach	1990	42	main	Glide	glide	GR	PE	SA
926	3	59B	reach	1990	43	main	Riffle	riffle	PE	CO	GR
323	3	59B	reach	1990	44	main	Pool	pool			
311	3	59B	reach	1990	45	main	Riffle	riffle	SA	GR	PE
75	3	59B	reach	1990	46	main	Cascade	fall	CO	PE	SA
1010	3	59B	reach	1990	47	main	Riffle	riffle	CO	PE	GR
798	3	59B	reach	1990	48	main	Glide	glide	PE	GR	SA
175	3	59B	reach	1990	49	main	Riffle	riffle	PE	GR	SA
955	3	59B	reach	1990	50	main	Glide	glide	GR	SA	PE
801	7	59D	reach	1990	300	main	Riffle	riffle	GR	PE	
865	7	59D	reach	1990	301	secondary	er Pool	pool	SA	CO	
1035	7	59D	reach	1990	302	secondary	er Pool	pool	SA		
869	7	59D	reach	1990	303	main	Rapid	riffle	CO	GR	SA
305	7	59D	reach	1990	304	main	Pool	pool	SA		
642	11	59F	reach	1990	422	main	Rapid	riffle	CO	PE	
694	11	59F	reach	1990	423	main	Glide	glide	GR	CO	
746	11	59F	reach	1990	424	main	Rapid	riffle	PE	CO	
811	11	59F	reach	1990	425	secondary	Seconda	marsh	SI	SA	OR
110	11	59F	reach	1990	426	main	Riffle	riffle	GR		
349	11	59F	reach	1990	427	secondary	Seconda	riffle	PE	CO	
737	11	59F	reach	1990	428	main	Glide	glide	OR	GR	SA
783	11	59F	reach	1990	429	main	Marsh	marsh	SI	OR	
619	11	59F	reach	1990	430	main	Riffle	riffle	GR		
858	11	59F	reach	1990	431	secondary	Seconda	marsh	OR	SI	GR
74	11	59F	reach	1990	432	main	Riffle	riffle	GR	PE	
359	11	59F	reach	1990	433	main	Rapid	riffle	GR	PE	
562	11	59F	reach	1990	434	secondary	Seconda	marsh	SI	OR	
43	11	59F	reach	1990	435	main	Riffle	riffle	PE	GR	

197	11	59F	reach	1990	436	main	Glide	glide	SA	PE	
162	11	59F	reach	1990	437	main	Rapid	riffle	PE	CO	
570	11	59F	reach	1990	438	main	Glide	glide	PE	GR	SA
81	11	59F	reach	1990	439	main	Riffle	riffle	PE	GR	
115	11	59F	reach	1990	440	main	Pool	pool	SA	GR	PE
878	11	59F	reach	1990	441	secondary	er Pool	pool	SA	GR	PE
1044	11	59F	reach	1990	442	main	Riffle	riffle	PE	GR	CO
63	11	59F	reach	1990	443	main	Glide	glide	SI	OR	PE
929	11	59F	reach	1990	444	main	Run	run	SI	SA	
563	11	59F	reach	1990	445	main	Riffle	riffle	GR	PE	
380	11	59F	reach	1990	446	main	Riffle	riffle	GR	PE	
707	11	59F	reach	1990	447	main	Glide	glide	SA	PE	CO
461	11	59F	reach	1990	448	secondary	Seconda	marsh	SI	OR	GR
605	11	59F	reach	1990	449	main	Marsh	marsh	OR	SI	GR
902	11	59F	reach	1990	450	main	Glide	glide	SA	GR	PE
684	11	59F	reach	1990	451	main	Glide	glide	GR	PE	CO
17	11	59F	reach	1990	452	main	Riffle	riffle	PE	CO	OR
143	11	59F	reach	1990	453	main	Glide	glide	SA		
303	11	59F	reach	1990	454	main	Riffle	riffle	PE	GR	
904	11	59F	reach	1990	455	secondary	er Pool	pool	GR	PE	
310	11	59F	reach	1990	456	main	Riffle	riffle	GR	PE	
388	11	59F	reach	1990	457	secondary	Seconda	marsh	GR	PE	
490	11	59F	reach	1990	458	main	Glide	glide	GR	PE	SA
6	11	59F	reach	1990	459	main	Riffle	riffle	GR	SA	
1017	11	59F	reach	1990	460	main	Glide	glide	GR	PE	SA
356	11	59F	reach	1990	461	main	Glide	glide	OR	GR	PE
389	11	59F	reach	1990	462	main	Riffle	riffle	GR	PE	
247	11	59F	reach	1990	463	main	Pool	pool	GR	PE	SA
727	11	59F	reach	1990	464	main	Riffle	riffle	CO	PE	
648	13	59M	reach	1990	850	main	Pool	pool	SA	SI	
586	13	59M	reach	1990	851	main	Marsh	marsh	SA	SI	
1041	13	59M	reach	1990	852	main	Pool	pool	SA		
702	13	59M	reach	1990	853	main	Glide	glide	SI	SA	
1006	13	59M	reach	1990	854	main	Pool	pool	SA	SI	
803	13	59M	reach	1990	855	main	Marsh	marsh	SA	SI	
1014	13	59M	reach	1990	856	main	Pool	pool	SA	SI	
768	13	59M	reach	1990	857	main	ench	run	SA	GR	
479	13	59M	reach	1990	858	main	Pool	pool	SA	SI	
796	13	59M	reach	1990	859	main	Riffle	riffle	GR	SA	
262	13	59M	reach	1990	860	main	Pool	pool	SA	SI	
144	13	59M	reach	1990	861	main	Rapid	riffle	GR		
979	13	59M	reach	1990	862	main	Riffle	riffle	SA	GR	SI
8	13	59M	reach	1990	863	main	Glide	glide	GR	SA	
997	13	59M	reach	1990	864	main	Riffle	riffle	GR	SA	
469	13	59M	reach	1990	865	secondary	er Pool	pool	GR	SA	
894	13	59M	reach	1990	866	main	Pool	pool	SA	GR	SI
417	13	59M	reach	1990	867	main	Glide	glide	SA	GR	
494	13	59M	reach	1990	868	secondary	Seconda	marsh	SA	SI	
45	13	59M	reach	1990	869	main	Riffle	riffle	GR	SA	
504	13	59M	reach	1990	870	secondary	Seconda	marsh	SA	SI	

192	13	59M	reach	1990	871	main	Pool	pool	SA	SI	
65	13	59M	reach	1990	872	main	Pool	pool	SA	GR	
334	13	59M	reach	1990	873	main	Run	run	SA	GR	
578	13	59M	reach	1990	874	main	ench	run	SA		
883	13	59M	reach	1990	875	main	Marsh	marsh	SA		
1015	13	59M	reach	1990	876	main	Pool	pool	SI	SA	
714	13	59M	reach	1990	877	main	Marsh	marsh	SI	SA	
368	13	59M	reach	1990	878	main	Pool	pool	SI	SA	
964	13	59M	reach	1990	879	main	Marsh	marsh	SA	GR	
82	13	59M	reach	1990	880	main	ench	run	GR		
778	13	59M	reach	1990	881	main	Pool	pool	SI		
515	13	59M	reach	1990	882	secondary	Seconda	run	SA	SI	
593	13	59M	reach	1990	883	main	Marsh	marsh	SA	SI	
837	13	59M	reach	1990	884	main	Pool	pool	SA	SI	
828	13	59M	reach	1990	885	main	Marsh	marsh	SA	SI	
164	13	59M	reach	1990	886	secondary	Seconda	run	SA	SI	
824	13	59M	reach	1990	887	main	Pool	pool	SA	GR	
1052	13	59M	reach	1990	888	main	ench	run	SA		
398	13	59M	reach	1990	889	main	Rapid	riffle	SA		
1057	13	59M	reach	1990	890	main	Pool	pool	SI	SA	
238	13	59M	reach	1990	891	main	ench	run	GR	PE	
1054	13	59M	reach	1990	892	main	Pool	pool	SA	SI	
267	13	59M	reach	1990	893	main	Marsh	marsh	SA	GR	SI
194	13	59M	reach	1990	894	main	Riffle	riffle	GR	SA	
445	13	59M	reach	1990	895	secondary	er Pool	pool	SI	SA	
351	13	59M	reach	1990	896	main	Pool	pool	SA		
447	13	59M	reach	1990	897	main	ench	run	SA		
884	13	59M	reach	1990	898	main	Pool	pool	SA		
333	5	59M	reach	2000	1	main	Channel	pool	SI	SA	
290	5	59M	reach	2000	2	main	Marsh	marsh	SI		
76	5	59M	reach	2000	3	main	Marsh	marsh	SI		
757	5	59M	reach	2000	4	main	Channel	pool	SA	SI	
602	5	59M	reach	2000	5	secondary	Seconda	marsh	SI	SA	
256	5	59M	reach	2000	6	main	Marsh	marsh	SI		
424	5	59M	reach	2000	7	main	Channel	pool	SI	SA	
1012	5	59M	reach	2000	8	secondary	Seconda	marsh	SI		
173	5	59M	reach	2000	9	main	Marsh	marsh	SI		
772	5	59M	reach	2000	10	main	Channel	pool	SI	SA	BO
395	5	59M	reach	2000	11	secondary	er Pool	pool	SI		
781	5	59M	reach	2000	12	main	Marsh	marsh	SI		
25	5	59M	reach	2000	13	main	Channel	pool	SI	GR	SA
748	5	59M	reach	2000	14	main	Marsh	marsh	SI		
572	5	59M	reach	2000	15	main	Channel	pool	GR	SI	SA
382	5	59M	reach	2000	16	secondary	Seconda	marsh	SI		
872	5	59M	reach	2000	17	main	Marsh	marsh	SI		
32	5	59M	reach	2000	18	main	Channel	pool	SI	GR	SA
4	5	59M	reach	2000	19	main	Pool	pool	SI	GR	
675	5	59M	reach	2000	20	main	Marsh	marsh	SI	GR	
834	5	59M	reach	2000	21	main	Channel	pool	SI	GR	
508	5	59M	reach	2000	22	main	Glide	glide	SI	GR	

288	5	59M	reach	2000	23	main	Run	run	SI	GR	
679	5	59M	reach	2000	24	main	Glide	glide	SI	GR	
409	5	59M	reach	2000	25	main	Marsh	marsh	SI		
362	5	59M	reach	2000	26	main	Channel	pool	GR	SA	SI
257	5	59M	reach	2000	27	main	Channel	pool	SI		
825	5	59M	reach	2000	28	main	Run	run	SI	SA	
139	5	59M	reach	2000	29	secondary	er Pool	pool	GR	SI	
522	5	59M	reach	2000	30	main	Channel	pool	GR	SI	
474	5	59M	reach	2000	31	main	Channel	pool	GR		
820	5	59M	reach	2000	32	main	Channel	pool	GR	SI	
345	5	59M	reach	2000	33	main	Channel	pool	SI	GR	
229	9	59B	reach	2000	34	main	Channel	pool	GR	SA	CO
945	9	59B	reach	2000	35	main	flow	sheet	SI	SA	GR
683	9	59B	reach	2000	36	main	Glide	glide	SI	SA	CO
842	9	59B	reach	2000	37	main	Glide	glide	GR	SA	CO
30	9	59B	reach	2000	38	main	Gradient	riffle	CO	GR	
698	9	59B	reach	2000	39	main	Pool	pool	GR	SA	CO
699	9	59B	reach	2000	40	main	Glide	glide	GR	CO	SA
285	9	59B	reach	2000	41	main	Channel	pool	GR	SA	
1038	9	59B	reach	2000	42	main	Gradient	riffle	GR		
393	9	59B	reach	2000	43	main	Glide	glide	GR	SA	
990	9	59B	reach	2000	44	secondary	Seconda	glide	GR	SA	
246	9	59B	reach	2000	45	main	Gradient	riffle	GR		
921	9	59B	reach	2000	46	main	Glide	glide	CO	GR	SA
557	9	59B	reach	2000	47	main	Confluen	pool	CO	GR	SA
589	9	59B	reach	2000	48	main	Run	run	CO	SA	
476	9	59B	reach	2000	49	main	Gradient	riffle	SA		
157	9	59B	reach	2000	50	main	Run	run	CO	GR	SA
249	9	59B	reach	2000	51	secondary	Seconda	marsh	CO	SI	GR
414	9	59B	reach	2000	52	main	Glide	glide	CO	GR	SA
16	9	59B	reach	2000	53	secondary	er	pool	SI	SA	
226	9	59B	reach	2000	54	main	Gradient	riffle	GR	CO	
94	9	59B	reach	2000	55	main	Glide	glide	GR	SA	CO
555	9	59B	reach	2000	56	main	Confluen	pool	SA	GR	
937	9	59B	reach	2000	57	main	Gradient	riffle	CO	GR	
90	9	59B	reach	2000	58	main	Glide	glide	CO	GR	
661	9	59B	reach	2000	59	main	Run	run	GR	CO	
671	9	59B	reach	2000	60	main	Glide	glide	GR	CO	SA
838	9	59B	reach	2000	61	secondary	er Pool	pool	CO	GR	BO
614	9	59B	reach	2000	62	main	Channel	pool	GR	SA	CO
890	9	59B	reach	2000	63	main	Step Run	run	GR	CO	
816	9	59B	reach	2000	64	main	Gradient	riffle	CO	BO	GR
150	9	59B	reach	2000	65	main	Glide	glide	GR	CO	
1018	9	59B	reach	2000	66	main	Step Run	run	CO	GR	CO
21	8	59D	reach	2000	67	main	Step Run	run	BR	SA	
645	8	59D	reach	2000	68	secondary	er Pool	pool	BR		
1030	8	59D	reach	2000	69	main	Pool	pool	BR	SA	GR
472	8	59D	reach	2000	70	main	Run	run	BR	SA	
594	8	59D	reach	2000	71	main	Gradient	riffle	BR	GR	SA
527	8	59D	reach	2000	72	main	Glide	glide	BR	GR	SA

912	8	59D	reach	2000	73	main	Pool	pool	SA	BR	GR
99	8	59D	reach	2000	74	secondary	er Pool	pool	BR	SA	
453	8	59D	reach	2000	75	main	Cascade	fall	BR		
62	8	59D	reach	2000	76	main	Glide	glide	BR	SA	
320	8	59D	reach	2000	77	secondary	er Pool	pool	SA	BR	
497	8	59D	reach	2000	78	main	Run	run	BR	SA	
67	8	59D	reach	2000	79	main	Sheet	sheet	BR		
408	8	59D	reach	2000	80	main	ench	run	BR		
818	8	59D	reach	2000	81	main	Pool	pool	BR	SA	
918	8	59D	reach	2000	82	secondary	er Pool	pool	SA	GR	
259	8	59D	reach	2000	83	secondary	Scour	pool	SA	BR	
644	14	59F	reach	2000	84	main	Riffle	riffle	GR	SA	
459	14	59F	reach	2000	85	main	Pool	pool	GR	SA	SI
353	14	59F	reach	2000	86	main	Pool	pool	SA	SI	GR
845	14	59F	reach	2000	87	main	Glide	glide	GR	SA	
442	14	59F	reach	2000	88	main	Run	run	GR	SA	
174	14	59F	reach	2000	89	main	Pool	pool	SI		
907	14	59F	reach	2000	90	main	Glide	glide	GR	SA	
1039	14	59F	reach	2000	91	main	flow	sheet	GR	SA	
492	14	59F	reach	2000	92	secondary	Seconda	run	GR	SA	
506	14	59F	reach	2000	93	main	Glide	glide	SI	SA	GR
369	14	59F	reach	2000	94	main	Pool	pool	SI	SA	
327	14	59F	reach	2000	95	main	Glide	glide	GR	SA	
634	14	59F	reach	2000	96	main	Run	run	SI	GR	SA
316	14	59F	reach	2000	97	main	Glide	glide	SI	GR	
905	14	59F	reach	2000	98	main	Run	run	SI		
696	14	59F	reach	2000	100	main	Run	run	GR	SA	
242	14	59F	reach	2000	101	main	Glide	glide	GR	SA	
653	14	59F	reach	2000	102	main	Run	run	GR	SA	
724	14	59F	reach	2000	103	main	flow	sheet	SA	SI	GR
956	14	59F	reach	2000	104	main	flow	sheet	GR	SI	
792	14	59F	reach	2000	105	main	Channel	pool	GR	SA	SI
373	14	59F	reach	2000	106	main	Glide	glide	SI	SA	
296	14	59F	reach	2000	107	main	Channel	pool	BR	SA	
250	14	59F	reach	2000	108	main	Marsh	marsh	SI	SA	
947	14	59F	reach	2000	109	main	Glide	glide	GR	SA	
263	14	59F	reach	2000	110	main	Run	run	GR	SA	
343	14	59F	reach	2000	111	main	Channel	pool	SA	GR	
949	14	59F	reach	2000	112	main	Run	run	GR	SA	
722	14	59F	reach	2000	113	main	Channel	pool	GR	SA	
47	14	59F	reach	2000	114	main	Glide	glide	GR	SA	
113	14	59F	reach	2000	115	main	Gradient	riffle	GR	SA	CO
193	14	59F	reach	2000	116	main	Channel	pool	GR	CO	SA
626	14	59F	reach	2000	117	main	Channel	pool	GR	SA	
212	14	59F	reach	2000	118	main	Glide	glide	GR	SA	
371	14	59F	reach	2000	119	secondary	er Pool	pool	GR	SA	
402	14	59F	reach	2000	120	secondary	Seconda	marsh	SI	SA	
741	14	59F	reach	2000	121	main	Run	run	GR	SA	
535	14	59F	reach	2000	122	main	Channel	pool	GR	SI	
451	14	59F	reach	2000	123	main	Glide	glide	GR	SA	

701	14	59F	reach	2000	124	main	Gradient	riffle	GR	CO	SA
400	14	59F	reach	2000	125	main	Glide	glide	GR	SA	CO
134	14	59F	reach	2000	126	main	Channel	pool	GR	SA	CO
		59B	reach	2010		No Data	Habitat	Dry			
		59D	lower	2010		main	Cascade	riffle	BR		
		59D	lower	2010		main	Mid-Chan	pool	BR	SA	
		59D	lower	2010		main	Run	run	GR		
		59D	lower	2010		secondary	Backwater	pool	GR	SA	
		59D	lower	2010		main	Mid-Chan	pool	SA	GR	
		59D	lower	2010		main	Low Grad	riffle	SA	BR	
		59D	lower	2010		main	Run	run	SA	BR	
		59D	lower	2010		main	Glide	glide	SA	GR	BR
		59D	lower	2010		main	Run	run	GR	SA	
		59D	lower	2010		main	Mid-Chan	pool	SA	GR	BR
		59D	lower	2010		main	Mid-Chan	pool	SA	GR	BR
		59D	lower	2010		secondary	Run	run	GR	SA	BR
		59D	lower	2010		main	Mid-Chan	pool	BR	GR	SA
		59D	lower	2010		main	Run	run	BR		
		59D	lower	2010		main	Low Grad	riffle	GR	SA	BR
		59D	lower	2010		main	Glide	glide	GR	SA	
		59D	lower	2010		main	Run	run	GR		
		59D	lower	2010		main	Trench-pc	pool	BR	SA	
		59D	lower	2010		main	High Grad	riffle	GR	root	
		59D	lower	2010		main	Glide	glide	GR	SA	
		59D	lower	2010		main	Mid-Chan	pool	GR	SA	
		59D	lower	2010		main	Low Grad	riffle	GR		
		59D	lower	2010		main	Mid-Chan	pool	SA	GR	
		59D	lower	2010		main	Low Grad	riffle	GR	SA	
		59D	lower	2010		main	Mid-Chan	pool	SA	GR	
		59D	lower	2010		main	Glide	glide	SA	GR	
		59D	lower	2010		main	Low Grad	riffle	SA	GR	
		59D	lower	2010		main	Mid-Chan	pool	SA	GR	
		59D	lower	2010		main	Low Grad	riffle	GR	SA	
		59D	lower	2010		main	Run	run	GR	SA	
		59D	lower	2010		main	Mid-Chan	pool	BR	GR	
		59D	lower	2010		main	Run	run	roots		
		59D	lower	2010		main	High Grad	riffle	roots		
		59D	lower	2010		main	Mid-Chan	pool	BR	GR	
		59D	lower	2010		main	Trench pc	pool	BR	GR	
		59D	lower	2010		main	Run	run	SA	GR	
		59D	lower	2010		main	Low Grad	riffle	GR	SA	
		59D	lower	2010		main	Glide	glide	SA	GR	roots
		59D	lower	2010		main	Low Grad	riffle	GR	SA	roots
		59D	lower	2010		main	Trench pc	pool	SA	GR	
		59D	lower	2010		main	Glide	glide	GR	CO	
		59D	lower	2010		main	Trench pc	pool	BR	CO	
		59D	lower	2010		main	Water Fall	fall	CO	roots	
		59D	lower	2010		main	Low Grad	riffle	GR	roots	
		59D	lower	2010		main	Trench pc	pool	CO	SA	
		59D	lower	2010		main	Low Grad	riffle	CO	GR	
		59D	lower	2010		main	Mid-Chan	pool	SA	BR	
		59D	lower	2010		main	Glide	glide	SA		

59D	lower	2010	main	Mid-Chan pool	SA	GR	BR
59D	lower	2010	main	Low Gradient Riffle	GR	BO	
59D	lower	2010	main	Mid-Chan pool	SA	GR	
59D	lower	2010	main	Glide glide	SA	GR	CO
59D	lower	2010	main	Low Gradient Riffle	GR	SA	
59D	lower	2010	main	Glide glide	SA	GR	
59D	lower	2010	main	Low Gradient Riffle	GR	SA	
59D	lower	2010	main	Glide glide	GR	SA	
59D	lower	2010	main	Glide glide	GR	SA	
59D	lower	2010	main	Low Gradient Riffle	GR	SA	
59D	lower	2010	main	Glide glide	GR	SA	
59D	lower	2010	main	Low Gradient Riffle	GR	SA	
59D	lower	2010	main	Glide glide	GR	SA	
59D	lower	2010	main	Low Gradient Riffle	GR	SA	
59D	lower	2010	main	Glide glide	GR	SA	
59D	lower	2010	main	Mid-Chan pool	SA	GR	
59D	lower	2010	main	Low Gradient Riffle	GR	SA	
59D	lower	2010	main	Mid-Channel Pool	GR	SA	
59D	lower	2010	main	High Gradient Riffle	GR		
59D	lower	2010	main	Glide glide	GR	SA	
59D	lower	2010	main	Low Gradient Riffle	too short		
59D	lower	2010	main	Glide glide	GR	SI	
59D	lower	2010	main	Low Gradient Riffle	GR	CO	
59D	lower	2010	main	Glide glide	GR	SA	
59D	lower	2010	main	Low Gradient Riffle	GR		
59D	lower	2010	main	Glide glide	GR	SA	
59D	lower	2010	secondary	Run run	Gr	SA	
59D	lower	2010	main	Glide glide	GR	SA	
59D	lower	2010	main	Low Gradient Riffle	CO	GR	
59D	lower	2010	main	Mid-Chan pool	GR	CO	
59F	lower	2010	main	Low Gradient Riffle	GR	SA	
59F	lower	2010	main	Glide glide	GR	SA	
59F	lower	2010	main	Low Gradient Riffle	GR	SA	
59F	lower	2010	main	Glide glide	SA	GR	
59F	lower	2010	secondary	Low Gradient Riffle	GR	SA	
59F	lower	2010	main	Mid-Chan pool	SA		
59F	lower	2010	main	Glide glide	SA	GR	
59F	lower	2010	main	Glide glide	SA	roots	
59F	lower	2010	main	Low Gradient Riffle	GR		
59F	lower	2010	main	Glide glide	SA	GR	
59F	lower	2010	main	Low Gradient Riffle	GR	SA	roots
59F	lower	2010	main	Glide glide	SA	GR	
59F	lower	2010	main	Low Gradient Riffle	GR	SA	roots
59F	lower	2010	secondary	Low Gradient Riffle	GR	SA	
59F	lower	2010	main	Glide glide	SA	GR	
59F	lower	2010	main	Run run	GR	SA	roots
59F	lower	2010	main	Glide glide	SA	GR	
59F	lower	2010	main	Low Gradient Riffle	GR		
59F	lower	2010	main	Mid-Chan pool	SA	GR	PE
59F	lower	2010	main	Flooded Run	GR	SA	PE
59F	lower	2010	main	Glide glide	GR	SA	PE
59F	lower	2010	main	Low Gradient Riffle	GR	SA	PE
59F	lower	2010	secondary	Glide glide	GR	SA	
59F	lower	2010	main	Mid-Chan pool	SA	GR	
59F	lower	2010	main	Glide glide	GR	SA	
59F	lower	2010	main	Trench pool	SA	GR	

59F	lower	2010	main	Run	run	GR	PE	SA
59F	lower	2010	main	Trench pool	SA	GR		
59F	lower	2010	main	High Gradient riffle	roots	GR		
59F	lower	2010	main	Run	run	GR	SA	
59F	lower	2010	main	Glide	riffle	SA	GR	
59F	lower	2010	main	Low Gradient	riffle	SA	roots	
59F	lower	2010	main	Mid-Chan	pool	SA	GR	
59F	lower	2010	main	Low Gradient	r	SA	GR	PE
59F	lower	2010	main	Run	run	SA	GR	
59F	lower	2010	main	Trench pool	SA	GR	PE	
59F	lower	2010	main	High Gradient	riffle	GR	roots	
59F	lower	2010	main	Run	run	SA	GR	
59F	lower	2010	main	Glide	glide	SA	GR	
59F	lower	2010	main	Low Gradient	riffle	GR	roots	
59F	lower	2010	main	Glide	glide	SA	GR	
59F	lower	2010	main	Low Gradient	riffle	GR	SA	PE
59F	lower	2010	main	Glide	glide	SA	GR	
59F	lower	2010	main	Low Gradient	riffle	GR	SA	
59F	lower	2010	main	Glide	glide	GR	SA	
59F	lower	2010	main	Low Gradient	Riffle	GR	SA	
59F	lower	2010	main	Glide	glide	SA	GR	
59F	lower	2010	main	Run	run	GR	SA	
59F	lower	2010	secondary	Glide	glide	GR	SA	
59F	lower	2010	main	Run	run	GR	SA	
59F	lower	2010	main	Glide	glide	SA	GR	
59F	lower	2010	main	Run	run	GR	SA	
59F	lower	2010	main	Glide	glide	SA	GR	
59F	lower	2010	main	Run	run	SA	GR	
59F	lower	2010	main	Low Gradient	riffle	GR	SA	
59F	lower	2010	main	Glide	glide	SA	GR	
59F	lower	2010	main	Mid-Chan	pool	SA	GR	
59F	lower	2010	main	Glide	glide	SA	GR	
59F	lower	2010	main	Low Gradient	riffle	GR	SA	
59F	lower	2010	main	Run	run	SA	GR	
59F	lower	2010	main	Mid-Chan	pool	SA	GR	
59F	lower	2010	main	Low Gradient	riffle	GR	SA	
59F	lower	2010	main	Glide	glide	GR	SA	
59F	lower	2010	main	Backwater	pool	SA	GR	
59F	lower	2010	main	Low Gradient	riffle	GR		
59F	lower	2010	main	Glide	glide	SA	GR	
59F	lower	2010	main	Mid-Chan	pool	SA	GR	
59F	lower	2010	main	Glide	glide	GR	SA	
59F	lower	2010	main	Mid-Chan	pool	SA	GR	
59F	lower	2010	main	Glide	glide	SA	GR	
59F	lower	2010	main	Mid-Chan	pool	SA	GR	
59F	lower	2010	main	Low Gradient	riffle	GR		
59F	lower	2010	main	Glide	glide	GR	SA	
59F	lower	2010	main	Run	run	GR		
59F	lower	2010	main	Mid-Chan	pool	SA	GR	
59F	lower	2010	main	Glide	glide	SA	GR	
59M	upper	2010	main	Swamp	swamp	SI		

59M	upper	2010	main	Marsh	marsh	SI
59M	upper	2010	main	Mid-Chan	pool	SI
59M	upper	2010	main	Swamp	swamp	SI
59M	upper	2010	main	Marsh	marsh	SI
59M	upper	2010	main	Swamp	swamp	SI
59M	upper	2010	main	Marsh	marsh	SI
59M	upper	2010	secondary	Mid-Chan	pool	SI
59M	upper	2010	main	Swamp	swamp	SI
59M	upper	2010	main	Marsh	marsh	SI
59M	upper	2010	secondary	Swamp	swamp	SI
59M	upper	2010	main	Mid-Chan	pool	SI
59M	upper	2010	secondary	Marsh	marsh	SI
59M	upper	2010	main	Swamp	swamp	SI
59M	upper	2010	secondary	Run	run	SI
59M	upper	2010	main	Backwate	pool	SI
59M	upper	2010	main	Marsh	marsh	SI
59M	upper	2010	main	Mid-Chan	pool	SI
59M	upper	2010	secondary	Marsh	marsh	SI
59M	upper	2010	main	Marsh	marsh	SI
59M	upper	2010	main	Mid-Chan	pool	SI
59M	upper	2010	secondary	Marsh	marsh	SI
59M	upper	2010	main	Marsh	marsh	SI
59M	upper	2010	main	Mid-Chan	pool	SI
59M	upper	2010	secondary	Marsh	marsh	SI
59M	upper	2010	secondary	Marsh	marsh	SI
59M	upper	2010	main	Swamp	swamp	SI
59M	upper	2010	main	Marsh	marsh	SI
59M	upper	2010	main	Swamp	swamp	SI
59M	upper	2010	secondary	Mid-Chan	pool	SI

Length	Mean Width	area as length*width	Mean Depth	Maximum Depth	Area Woody Cover	Woody Size Class	Dominant Overstory One	Dominant Overstory Two
27.6	5.7	157.3	0.11	0.33				
39.2	2.3	90.2	0.10					
16.3	5.0	81.5	0.15	0.27				
22.6	3.1	70.1	0.08					
34.4	6.1	209.8	0.08					
65.0	5.6	364.0	0.09					
34.8	5.2	181.0	0.01					
11.1	8.3	92.1	0.06					
7.1	5.5	39.1	0.08					
14.0	4.8	67.2	0.06					
19.7	4.2	82.7	0.15					
14.8	2.4	35.5	0.15					
21.0	2.5	52.5	0.10					
26.3	4.2	110.5	0.09					
11.7	5.6	65.5	0.08					
9.5	2.5	23.8	0.10					
9.1	4.3	39.1	0.09					
15.2	3.2	48.6	0.10					
10.8	1.5	16.2	0.05					
27.6	5.6	154.6	0.15					
18.8	3.7	69.6	0.11					
14.1	3.0	42.3	0.25	0.56				
6.4	3.2	20.5	0.15					
15.6	2.2	34.3	0.15					
10.4	3.2	33.3	0.15					
4.4	2.0	8.8	0.18					
30.1	2.1	63.2	0.11					
22.7	3.2	72.6	0.08					
51.0	1.4	71.4	0.10		2			
2.1	3.8	8.0	0.15					
2.0	1.2	2.4	0.12					
17.5	2.0	35.0	0.05					
49.2	7.4	364.1	0.14	1.00	12			
24.9	2.1	52.3	0.11					
9.3	1.5	14.0	0.20					
11.0	0.6	6.6	0.10					
21.8	9.6	209.3	0.03					
8.2	0.5	4.1	0.05					
21.4	0.5	10.7	0.05					
29.2	7.2	210.2	0.15					
20.8	8.5	176.8	0.25					
58.7	0.1	5.9	0.20					
58.7	6.6	387.4	0.03					
8.9	2.6	23.1	0.05					
11.3	1.0	11.3	0.05					
20.2	1.5	30.3	0.05					
7.2	1.5	10.8	0.12					

11.7	1.2	14.0	0.25					
26.1	1.0	26.1	0.13					
7.6	2.0	15.2	0.28					
5.0	1.8	9.0	0.08					
10.7	4.1	43.9	0.18	0.43				
3.2	3.0	9.6	0.14					
7.0	3.0	21.0	0.07					
20.3	5.6	113.7	0.20					
31.6	4.0	126.4	0.33					
30.5	3.1	94.6	0.10					
36.2	6.1	220.8	0.18					
19.0	1.6	30.4	0.28					
23.3	4.0	93.2	0.12					
12.7	4.0	50.8	0.30					
14.8	4.0	59.2	0.27					
29.0	4.5	130.5	0.28					
26.8	5.4	144.7	0.10					
23.9	5.2	124.3	0.22					
35.6	4.5	160.2	0.10					
6.5	2.3	15.0	0.08					
13.2	3.1	40.9	0.12					
29.3	4.2	123.1	0.01					
23.3	5.7	132.8	0.30					
6.7	6.0	40.2	0.18	0.24				
19.0	4.7	89.3	0.28					
20.7	3.8	78.7	0.32					
8.5	1.8	15.3	0.13		4 L			
11.2	3.3	37.0	0.41	0.80	1			
17.6	4.0	70.4	0.20					
16.6	5.9	97.9	0.75	1.25	2 L			
50.2	9.4	471.9	0.18					
29.0	1.8	52.2	0.55	0.62				
4.0	2.8	11.2	0.23					
18.5	4.2	77.7	0.48	0.62				
23.4	3.8	88.9	0.18					
11.3	1.7	19.2	0.40	0.50				
8.2	1.1	9.0	0.20					
18.5	5.5	101.8	0.80	1.10				
4.9	1.6	7.8	0.08					
5.6	1.8	10.1	0.45	0.67				
4.7	0.9	4.2	0.08					
5.3	2.6	13.8	0.15					
3.5	2.4	8.4	0.21					
2.9	1.6	4.6	0.11					
2.9	0.9	2.6	0.10					
3.0	2.5	7.5	0.23	0.25				
3.4	1.2	4.1	0.22					
3.4	1.7	5.8	0.04					
13.6	1.3	17.7	0.12					
6.4	2.1	13.4	0.01					

16.9	6.0	101.4	1.00	1.50	0.25	M		
6.4	2.3	14.7	0.40	0.55				
5.7	1.3	7.4	0.30					
7.7	0.3	1.9	0.17					
10.6	3.2	33.9	0.15					
24.3	3.4	82.6	0.70	0.90				
4.6	4.0	18.4	0.15					
26.9	4.2	113.0	0.70	1.10				
7.6	2.0	15.2	0.35					
4.1	0.2	0.6	0.15					
20.4	3.3	67.3	0.65	0.78	0.25	M		
5.1	0.3	1.5	0.21					
5.1	1.1	5.6	0.05					
3.5	2.1	7.4	0.25	0.35				
16.7	2.8	46.8	0.21					
16.7	0.2	3.3	0.25					
14.4	1.9	27.4	0.20	0.72				
3.5	0.9	3.2	0.35					
8.8	0.4	3.5	0.80					
17.7	1.4	24.8	0.35	0.52				
5.2	1.2	6.2	0.22					
15.9	1.8	28.6	0.60	0.70				
2.7	1.0	2.7	0.27					
13.5	1.1	14.9	0.08					
2.1	0.9	1.9	0.04					
2.3	1.8	4.1	0.35	0.40				
1.6	0.8	1.3	0.20					
9.3	2.4	22.3	0.54	0.78				
21.6	3.6	78.5	1.40	1.55			Sago	Pofr
2.5	6.2	15.3	0.03				Prju	Pofr
43.0	10.3	442.8	0.10	0.37			Prju	Pofr
27.1	5.7	155.4	1.49	2.50			Pofr	Sago
13.4	2.8	38.0	0.06	0.12			Pofr	Sago
60.7	10.4	632.3	0.06	0.18			Pofr	Sago
27.4	6.8	187.3	1.46	2.35	18.2084	S	Juniper	Pofr
27.4	2.8	77.8	0.07	0.15			Pofr	Cat tail
17.4	10.1	174.8	0.10	0.37			Pofr	
20.4	3.6	72.8	1.68	1.77			Pofr	Sago
6.7	0.8	5.1	0.25	0.27			Sago	
9.4	6.3	59.6	0.15	0.76			Sago	
22.9	7.0	160.3	1.27	1.74	0.1858	L	Sago	Ash
14.9	5.3	79.7	0.04	0.55			Sago	Prju
18.0	3.5	62.5	1.68	1.83	4.1805	S	Sago	
18.0	2.4	43.9	0.06	0.34			Sago	
10.7	7.3	78.0	0.09	0.34			Sago	Ash
4.9	1.6	7.7	0.37	0.52			Sago	Pofr
11.0	6.6	72.6	0.24	1.19	0.4645	S	Sago	
13.7	4.2	58.1	0.10	0.34			Sago	Pofr
4.6	1.2	5.7	0.52	0.70			Pofr	Sago
2.7	1.0	2.8	0.19	0.37			Sago	Ash

7.3	0.6	4.2	0.07	0.18			Basa	Pofr
3.0	1.2	3.7	0.10	0.30	1.1148	S	Sago	Ash
14.0	4.2	59.4	0.12	0.21			Sago	
6.6	2.4	15.8	1.04	1.10			Sago	Prju
7.3	2.0	14.5	0.08	0.30			Sago	Pofr
9.8	1.1	10.7	0.09	0.12			Sago	Prju
5.9	3.3	19.4	0.57	0.76			Sago	Pofr
10.2	1.8	18.7	0.21	0.40	4.4592	S	Sago	Pofr
8.5	3.6	30.1	1.49	1.98	1.4864	L	Sago	Basa
8.2	2.4	19.8	0.29	0.34			Sago	Prju
32.0	3.8	121.0	1.76	2.47	3.3444	S	Sago	Prju
23.2	4.6	107.0	0.26	0.46	11.4267	S	Sago	Ash
6.1	3.0	18.6	0.04	0.12			Sago	Basa
25.0	2.8	70.8	0.13	0.24	1.5793	S	Sago	Ash
6.1	2.8	17.1	0.15	0.40	1.2077	M	Sago	
4.0	2.4	9.7	0.04	0.09	0.4645	S	Sago	
58.8	7.2	424.9	0.47	1.25	29.68155	L	Sago	
78.6	6.0	474.6	0.04	0.15	0.5574	S	Sago	
50.9	5.0	254.4	0.21	0.58	0.5574	S	Sago	
4.6	0.7	3.1	0.15	0.09			Sago	
14.3	1.5	21.8	0.06	0.14	0.052024	S	Sago	
6.6	1.4	9.3	0.08	0.34			Sago	
6.5	0.6	4.1	0.05	0.09			Sago	Ash
10.1	3.4	34.0	0.08	0.15			Sago	Ash
16.8	2.7	44.5	0.34	0.46			Sago	Ash
7.6	1.3	10.0	0.14	0.34				
3.4	1.0	3.3	0.05	0.15				
30.8	0.3	9.4	0.12	0.15			Sago	Pofr
16.8	1.7	29.1	0.04	0.09			Sago	Pofr
10.7	2.7	28.9	0.12	0.27			Sago	Ash
2.1	1.2	2.6	0.03	0.09			Sago	
10.4	1.9	19.6	0.06	0.12			Sago	
13.4	2.0	27.4	0.14	0.30			Sago	
18.0	4.4	79.5	0.18	0.40			Sago	Ash
5.2	1.0	5.1	0.06	0.12			Sago	
5.8	4.1	23.5	0.09	0.15			Sago	
2.9	0.6	1.9	0.09	0.15			Sago	
9.4	1.9	17.6	0.12	0.21			Sago	
4.0	2.2	8.7	0.12	0.24				
18.0	2.9	52.1	0.55	0.67			Sago	Prju
52.1	1.2	60.4	0.08	0.21	0.1858	M	Sago	Prju
9.1	1.8	16.2	0.06	0.18	5.9456	M	Sago	
8.2	1.9	15.6	0.11	0.24			Pofr	Sago
14.3	1.4	20.1	0.08	0.15			Pofr	Sago
11.7	4.0	46.5	0.11	0.17				
5.2	6.2	32.4	0.15	0.27				
38.1	6.6	250.8	0.37	1.55			Sago	
7.6	1.8	13.5	0.30	0.46				
3.4	2.1	6.9	0.06	0.15				
4.0	4.8	19.1	0.09	0.27				

6.7	5.4	36.0	0.24	0.61				
2.1	1.8	3.9	0.06	0.09				
0.9	0.9	0.8	0.06	0.12				
3.4	1.7	5.6	0.12	0.30				
2.1	1.5	3.3	0.15	0.30				
2.1	1.0	2.1	0.18	0.18				
0.9	0.9	0.8	0.03	0.06				
1.2	5.2	6.3	0.18	0.24				
3.3	2.1	7.0	0.30	0.40				
3.0	1.8	5.6	0.06	0.12				
8.7	3.1	26.6	0.21	0.79			Sago	
3.0	1.4	4.2	0.04	1.07			Pofr	Sago
11.1	3.6	39.6	0.65	1.22	1.3006	L	Sago	Pofr
378.0	2.4	921.6	0.27	0.67			Sago	Pofr
6.1	22.9	139.4	0.16	0.27	0.2787	S	Sago	
5.2	0.6	3.3	0.12	0.30			Sago	
7.6	2.0	15.1	0.46	0.76			Sago	
3.1	1.0	3.1	0.27	0.27			Sago	Pofr
2.7	0.6	1.7	0.20	0.21			Sago	
3.4	0.2	0.7	0.06	0.06			Sago	
2.4	1.6	4.0	0.10	0.18			Sago	
3.5	1.6	5.8	0.28	0.34	0.10219	S	Sago	
4.5	1.2	5.5	0.11	0.24			Sago	
4.7	0.9	4.1	0.05	0.09			Sago	
10.8	1.5	16.5	0.11	0.21	0.4645	M	Sago	
25.4	0.5	13.9	0.10	0.21			Sago	Pofr
22.8	1.2	27.1	0.08	0.20	1.3935	M	Sago	Walnut
3.0	1.2	3.7	0.14	0.21			Walnut	Sago
40.8	1.1	44.8	0.09	0.18	6.6888	M	Sago	Pofr
8.2	2.5	20.8	0.03	0.05			Sago	
6.6	0.6	4.1	0.01	0.03			Sago	
16.7	2.7	45.9	0.27	0.94	2.787	M	Sago	
9.8	1.6	15.3	0.09	0.18			Sago	
52.4	5.4	284.4	0.61	1.37	6.8746	M	Sago	
16.3	2.0	32.9	0.05	0.09			Sago	
4.6	2.0	9.1	0.17	0.30			Sago	Prju
11.5	1.8	20.7	0.10	0.18			Sago	
25.1	2.3	57.4	0.67	0.94	3.76245	M	Sago	
12.5	2.3	28.6	0.12	0.30	0.1858	S	Pofr	Sago
0.1	4.4	0.3	1.16	1.40	1.3006	M	Sago	Ash
6.1	-	0.40	0.49	1.1148	S	Sago	Pofr	
3.4	2.0	6.8	0.08	0.21			Sago	Pofr
21.2	3.8	80.9	0.67	1.43			Sago	
25.8	3.0	77.8	0.35	0.91			Pofr	Sago
16.2	2.3	37.9	0.15	0.27	3.716	S	Pofr	Sago
5.2	1.4	7.4	0.46	0.61			Pofr	Sago
0.6	1.4	0.8	0.12	0.30			Pofr	Sago
10.9	1.2	12.9	0.07	0.30	0.3716	L	Pofr	Sago
17.5	4.3	76.0	0.67	1.40	4.0876	M	Pofr	Ash
2.0	1.6	3.2	0.22	0.27			Sago	Pofr

4.6	1.4	6.3	0.05	0.12			Pofr	Sago
5.8	2.0	11.7	0.08	0.24			Sago	Ash
8.2	2.0	16.4	0.37	0.61	0.2787	S	Sago	Pofr
41.7	3.9	162.6	0.30	0.50			Pofr	
129.0	15.0	1935.0	1.80	4.40			Pofr	
57.0	1.5	85.5	0.20	0.70			Sago	
36.0	13.3	478.8	0.90	1.40			Pofr	
29.5	8.2	241.9	0.60	1.20			Sago	
8.4	1.9	16.0	0.10	0.40				
13.0	3.5	45.5	0.20	0.40				
13.1	6.5	85.2	0.40	1.00				
18.6	2.1	39.1	0.20	0.50			Sago	
18.0	4.3	77.4	0.40	0.70			Sago	
24.5	6.5	159.3	0.60	1.30			Sago	
59.3	3.7	219.4	0.30	0.70			Sago	
47.1	6.4	301.4	0.40	0.80			Frve	
13.9	1.0	13.9	0.40	0.60				
15.2	1.2	18.2	0.10	0.30				
15.2	1.5	22.8	0.30	0.70				
7.0	1.9	13.3	0.30	0.50				
15.8	3.5	55.3	0.70	1.00				
18.6	3.2	59.5	0.20	0.20				
20.5	2.7	55.4	0.50	0.70				
13.8	6.5	89.7	0.50	0.80			Sago	
22.3	3.1	69.1	0.10	0.20			Sago	
44.0	5.1	224.4	0.50	1.00			Sago	
17.6	9.0	158.4	0.30	0.60			Sago	
80.1	4.8	384.5	0.50	1.10			Sago	
15.2	2.9	44.1	0.20	0.50				
16.0	1.5	24.0	0.20	0.40				
39.0	8.2	319.8	0.80	1.50			Frve	
16.1	3.8	61.2	0.10	0.20			Sago	
28.0	2.6	72.8	0.30	0.50			Sago	
54.1	5.4	292.1	1.00	1.30			Sago	
29.0	1.9	55.1	0.30	0.60			Sago	
19.5	1.2	23.4	0.20	0.30				
33.8	6.5	219.7	2.30	3.20				
5.4	1.9	10.3	1.90	2.50			Sago	
10.3	2.5	25.8	0.80	1.10			Sago	
14.0	2.4	33.6	0.20	0.30			Sago	
23.7	4.2	99.5	0.50	0.90			Sago	
23.8	9.5	226.1	0.20	0.30			Sago	
73.5	6.6	485.1	1.20	2.00			Sago	
14.5	5.0	72.5	0.30	0.50			Sago	
30.8	6.0	184.8	1.50	2.10			Sago	
1.0	2.8	2.8	0.10	0.10				
15.0	2.5	37.5	0.20	0.40			Sago	
102.0	10.0	1020.0	2.20	4.00	13.0	large	Sago	
2.0 riffle separated pools								
64.0	11.1	710.4	1.40	2.20			Sago	
31.2	3.1	96.7	0.30	0.50			Sago	

22.6	5.6	126.6	1.70	2.30	Sago
2.9	1.8	5.2			
33.0	6.0	198.0	0.60	1.30	Sago
30.3	3.6	109.1	0.50	0.90	Sago
14.3	2.2	31.5	0.20	0.40	Sago
38.0	4.0	152.0	0.40	0.90	Sago
14.9	11.4	169.9	0.20	0.30	Sago
23.8	5.9	140.4	0.40	0.60	Sago
16.5	3.3	54.5	0.10	0.30	Sago
19.4	3.0	58.2	0.50	0.80	Sago
14.1	2.8	39.5	0.20	0.20	Sago
23.0	8.5	195.5	0.50	1.30	5.0 medium
26.2	2.8	73.4	0.20	0.50	Sago
12.0	5.5	66.0	0.50	0.90	3.0 medium
8.4	7.2	60.5	0.10	0.20	Sago
21.0	4.2	88.2	0.60	0.90	Sago
5.0 too short					
9.2	2.9	26.7	0.40	0.90	Prve
18.0	3.2	57.6	0.10	0.20	Sago
25.8	5.9	152.2	0.30	0.40	Sago
4.5 too short					
22.7	9.8	222.5	0.20	0.30	Frve
29.7	7.2	213.8	0.20	0.30	Frve
27.5	5.8	159.5	0.40	0.90	Prve
24.4	6.0	146.4	0.2	0.5	Prve
53.1	15.8	839.0	1.30	2.20	Prve
21.5	4.4	94.6	0.20	0.30	Momi
30.4	4.8	145.9	0.5	0.6	Sago
53.1	3.4	180.5	0.30	1.00	Sago
359.0	3.0	1077.0	0.20	1.10	Pofr
35.9	3.5	125.7	0.20	0.30	Pofr
31.1	11.3	351.4	2.30	3.60	38.0 medium
46.0	6.2	285.2	0.30	0.90	Sago
78.0	4.3	335.4	0.40	1.10	Sago
14.8	3.2	47.4	0.20	0.50	Sago
96.5	4.4	424.6	0.30	0.80	8.0 small
38.8	3.2	124.2	0.30	0.40	Sago
21.7	3.4	73.8	0.60	1.10	Pofr
47.3	4.3	203.4	0.20	0.40	Sago
47.3	3.7	175.0	0.30	0.60	Pofr
32.1	10.1	324.2	0.60	1.20	Sago
17.7	3.5	62.0	0.40	0.70	Pofr
19.4	5.5	106.7	0.80	1.40	Sago
5.0	5.6	28.0	0.20	0.50	Sago
37.6	5.4	203.0	1.20	2.10	Pofr
65.7	3.0	197.1	0.70	1.30	Pofr
14.0	6.0	84.0	0.40	0.60	Pofr
49.9	2.3	114.8	0.30	0.60	Sago
58.9	3.2	188.5	0.40	0.60	Pofr
15.0	4.3	64.5	1.00	2.00	Sago
15.0	7.2	108.0	0.60	0.80	Sago
48.0	4.6	220.8	1.90	2.70	Pofr
					Sago

16.4	3.8	62.3	0.60	0.80		Sago	Pofr
18.9	3.4	64.3	2.00	2.70		Pofr	
9.0	3.4	30.6	0.20	0.30		Sago	
50.2	3.2	160.6	0.40	0.60		Sago	Pofr
17.7	2.5	44.3	0.40	0.50		Sago	Pofr
56.4	3.6	203.0	0.30	0.50		Sago	Pofr
381.0	12.9	4914.9	2.60	10.00		Sago	Pofr
23.8	3.5	83.3	0.20	0.40		Pofr	
12.2	4.2	51.2	0.60	0.80		Sago	
61.5	4.7	289.1	1.00	2.40		Pofr	
8.0	2.0	16.0	0.20	0.40		Pofr	
15.1	3.1	46.8	0.40	0.50		Pofr	
35.7	4.6	164.2	0.50	0.90		Pofr	Sago
53.9	3.5	188.7	0.30	0.50		Sago	
18.4	4.2	77.3	0.40	0.50		Sago	
42.9	4.5	193.1	0.30	0.40		Sago	
44.4	5.0	222.0	0.20	0.40		Sago	
8.3	4.3	35.7	0.30	0.40		Sago	
12.4	4.6	57.0	0.20	0.40	4.0 medium	Sago	
8.5	4.2	35.7	0.20	0.20		Pofr	
43.2	6.8	293.8	0.30	0.50	40.0 Large	Sago	
35.1	3.7	129.9	0.30	0.50		Sago	
28.6	2.7	77.2	0.30	0.50		Sago	Pofr
28.6	2.5	71.5	0.20	0.40	5.0 small	Sago	Pofr
27.3	5.3	144.7	0.40	0.90	1.0 Small	Sago	Pofr
12.5	4.7	58.8	0.30	0.50		Sago	Pofr
20.1	4.1	82.4	0.40	0.50		Sago	Pofr
23.6	5.4	127.4	0.60	1.00	1.0 small	Sago	Pofr
23.5	3.2	75.2	0.30	0.40	2.0 medium	Sago	Pofr
59.9	7.2	431.3	0.40	0.70		Sago	Pofr
19.7	10.6	208.8	1.60	2.10	15.0 medium	Sago	Pofr
105.0	13.1	1375.5	0.50	1.20	6.0 Large	Sago	Pofr
21.2	4.1	86.9	0.30	0.40		Sago	
16.2	4.3	69.7	0.30	0.50		Sago	
23.9	10.2	243.8	1.20	2.00	6.0 medium	Sago	
8.0	13.6	108.8	0.30	0.40		Sago	
71.2	15.6	1110.7	0.50	0.90	8.0 medium	Sago	
70.2	11.1	779.2	0.50	1.10	7.0 medium	Pofr	Sago
13.3	5.5	73.2	0.80	1.20	4.0 medium	Pofr	Sago
14.0	15.8	221.2	0.20	0.30		Pofr	Sago
22.9	13.2	302.3	0.50	1.00		Pofr	Sago
90.0	14.5	1305.0	2.20	3.70	14.0 medium	Pofr	Sago
63.0	15.3	963.9	0.80	1.40	1.0 small	Pofr	Sago
33.1	13.2	436.9	1.80	4.90		Pofr	Sago
52.8	9.3	491.0	0.70	0.90		Pofr	Sago
37.8	10.9	411.8	1.10	1.40		Pofr	Sago
7.0	5.7	39.9	0.20	0.30		Pofr	Sago
36.0	5.6	201.6	0.50	1.00		Pofr	Sago
15.8	3.2	50.6	0.30	0.60		Pofr	Sago
72.9	12.5	911.3	2.10	3.30	5.0 Large	Pofr	
68.8	6.5	447.2	0.60	1.40		Pofr	
162.0	111.0	17982.0	0.30	0.90		Sago	

105.0	93.0	9765.0	0.30	0.50		Sago
48.0	12.0	576.0	6.00	6.50		Sago
83.4	72.0	6004.8	0.30	0.40		Sago
68.7	69.0	4740.3	0.30	0.40		Sago
55.3	69.0	3815.7	0.30	0.40		Sago
84.2	75.0	6315.0	0.30	0.90		Sago
117.0	9.5	1111.5	5.00	5.50		Sago
54.5	30.0	1635.0	0.40	0.60		Sago
111.0	35.0	3885.0	0.30	0.40		Sago
25.0	33.5	837.5	1.00	1.00		Sago
126.0	25.5	3213.0	5.50	8.00		Pofr
126.0	10.5	10.5	0.30	0.40		Pofr
62.7	31.6	1981.3	0.10	2.00		Sago
16.7	2.0	33.4	0.60	1.00		Sago
14.0	5.0	70.0	1.40	1.50	3.0 Large	Sago
50.8	39.9	2026.9	0.10	0.50		Pofr
75.7	21.7	1642.7	6.00	7.50		
75.7	17.5	1324.8	0.10	0.40		
47.1	36.4	1714.4	0.10	1.10		Pofr
195.0	14.6	2847.0	5.50	6.80	20.0 medium	Sago
195.0	5.0	975.0	0.10	0.30		Sago
55.5	37.0	2053.5	0.70	1.80		Sago
64.7	10.5	679.4	3.00	6.00		Sago
64.7	14.0	905.8	0.20	0.20		Sago
18.0	2.5	45.0	0.20	0.20		Sago
24.0	14.5	348.0	0.20	0.20		Sago
21.3	33.9	722.1	0.20	0.50		Sago
147.0	25.0	3675.0	0.30	0.50		Sago
72.3	10.7	773.6	0.20	3.30	6.0 medium	Sago
		0.0				

Dominant Overstory Three	Overstory Cover Percent	OVRS_Ca tegory	Overhangi ng Cover	Submerge nt Veg	Floating Veg	Emergent Veg	Bank Type	Bank Measure ment
	0	1		141.588		7.866		
	0	1		63.112		9.016		
	5	1		61.125		4.075		
	10	1		49.042				
	50	2		188.856		4.1968		
	0	1		218.4		72.8		
	0	1		126.672		18.096		
	0	1		55.278		1.8426		
	0	1		31.24		0.781		
	0	1		50.4		1.3536		
	1	1		41.37		12.411		
	0	1		28.416		17.76		
	0	1		28.875		1.05		
	0	1		88.368		11.046		
	0	1		52.416		1.3104		
	0	1		19		4.75		
	0	1		29.3475		1.9565		
	0	1		38.912		12.16		
	0	1		3.24		12.96		
	0	1		139.104	46.368	30.912		
	0	1		55.648		6.956		
	0	1		21.15	16.92	0.846		
	5	1		12.288	6.144	3.072		
	0	1	20	25.74		3.432		
	0	1	30	26.624		9.984		
	0	1		6.16		1.76		
	0	1		31.605		9.4815		
	0	1		65.376		29.056		
	30	2	14	7.14				
	0	1		1.596				
	0	1	21	2.16		BE		0.5
	40	2	0.6					
	0	1		18.204		BE		4
	0	1	5	15.687		24		
	0	1	7	9.765	47			
	0	1		2.64				
	0	1				209.28		
	0	1		3.69				
	10	1	37	9.63				
	0	1		73.584		105.12		
	0	1		176.8		176.8		
	0	1		2.935		1.761		
	10	1				387.42		
	0	1				11.57		
	0	1				30.3		
	90	4				13		

	90	4		1.404		42		
	0	1				50		
	5	1				50		
	95	4		0.45				
	0	1		13.161				
	0	1		4.8	4.8	31		
	50	2	10	1.05		10		
	0	1	2	90.944		54		
	0	1	2	126.4		75		
	0	1		47.275		8		
	0	1		176.656		74		
	0	1		27.36		31		
	0	1				93.2		
	0	1				50.8		
	0	1		53.28	2	29.6		
	0	1		117.45	2	44		
	0	1		130.248		72		
	0	1		99.424		71		
	20	1	2	8.01		56		
	30	2		10.465		11.96		
	0	1	2	24.552		58		
	0	1				123.06		
	0	1		106.248		56		
	0	1		32.16		62		
	0	1		71.44	2	62		
	0	1		78.66	3	60		
	0	1	20	9.18		39		
	20	1	21	22.176	14	19		
	0	1		70.4		58		
	20	1	1			10.2		
	5	1				471.88		
	20	1	7.2	3.4		55.6		
	0	1		13.4		8.4		
	0	1	0.3			47.6		
	0	1				88.92		
	0	1				76.5		
	0	1	5.5			73.2		
	15	1	2			12.8		
	43	2						
	0	1	29.8			5		
	0	1		3.807		56.7		
	0	1		30.5		72.6		
	5	1		14.9		50		
	0	1		43.1		21.6		
	0	1		0.1305		1.566		
	0	1				60		
	0	1		2.448		41.7		
	0	1				5.78		
	40	2		7.1		62.2		
	40	2				13.44		

	10	1	5.7			11.6		
	0	1				69.6		
	0	1				76.9		
	0	1		0.5775				
	0	1				33.92		
	0	1	2.4			33.9		
	0	1				18.4		
	0	1	12.9			19		
	0	1				15.2		
	0	1						
	0	1	14.9			20.4	UC	8.5
	0	1		0.765				
	0	1				5.61		
	0	1				3.675		
	0	1				46.76		
	0	1		3.34				
	0	1		0.9		77.9		
	0	1		1.26		79.4		
	0	1	42.6	0.352		1.76		
	10	1	6.1			68.6		
	0	1	64.1			67.3		
	0	1	55.9			7		
	0	1				2.7		
	50	2				10.1		
	80	4						
	0	1	30.2	26.6		12.1		
	0	1				58.6		
	60	3	9			13.4		
Prju	2	1		2.2296		32.9795		
Sago	0	1						
Sago	0	1						
	35	2	5.574	7.2462	1.1148	27.4055	UC	9.144
	20	1						
	0	1						
	5	1	29.8209	1.3935	1.1148	20.9025		
	5	1						
	10	1						
	0	1	2.92635	2.6012	1.3006	26.4765	UC	6.4008
	4	1	1.1148	1.25415		0.0929		
	0	1						
Pofr	7	1	4.645	2.3225	1.4864	32.0505	UC	6.096
	0	1						
	20	1	14.2137	0.3716	2.0438	7.8965	UC	17.9832
	0	1						
	0	1						
	90	4	1.9509			6.6888	UC	2.4384
	75	3						
Ash	95	4	0.3716			1.4864		
seep	100	4	0.929			0.1858		

	30	2			4.23624		
	90	4	1.1148	0.0929	0.4645		
	5	1					
	5	1		1.858		7.9894	
	10	1		0.2787		1.56072	
	80	4	0.8361			5.7598	
	100	4	3.1586	0.4645		1.4864	
	85	4	5.1095	1.3006		5.1095	
Pofr	70	3	1.858		7.74786	UC	5.4864
	45	2		0.1858		6.503	
Pofr	60	3	4.645		20.7167	UC	19.812
Basa	60	3	3.1586				
	95	4	2.9728				
Basa	95	4	3.3444	0.81752			
	75	3	2.787			UC	0.9144
	80	4	0.6503				
	75	3	102.4687				
	15	1					
	80	4	4.59855			UC	0.9144
	70	3					
	80	4	1.6722				
	85	4					
	90	4	3.716				
	55	3	1.0219		0.3716		
	23	1	4.2734		1.858		
	0	1	0.5574	1.1148			
	0	1		0.3716			
	15	1					
	15	1					
	70	3	1.16125				
	100	4	0.32515				
	15	1					
	10	1	4.80293		4.80293		
Locust	75	3	1.3006				
	10	1	0.2787				
	90	4	0.72462		0.0929		
	10	1	0.0929				
	1	1	1.89516				
	0	1	2.1367				
Basa	10	1	5.0166				
Ash	80	4	4.3663				
	95	4	0.13935				
	95	4	1.3006				
	60	3					
	0	1	0.8361	0.5574	2.0438	0.7432	
	0	1	4.645		4.645	0.1858	
	5	1	2.8799	12.1699	26.6623	14.0279	UC
	0	1		13.006	2.2296	4.645	
	0	1			0.1858	0.1858	
	0	1		1.9509	1.4864		

	0	1	0.2787	4.59855	0.7432	0.2787	UC	13
	0	1		0.4645	0.7432			
	0	1						
	0	1		0.929	0.0929			
	0	1			1.4864			
	0	1				0.1858		
	0	1						
	0	1						
	0	1		0.13935	0.3716			
	0	1			0.6503			
	35	2	3.9018			1.3006		
	2	1	0.0929					
	68	3	1.6722			1.1148	UC	2.1336
	87	4				8.06372	UC	10.3632
	87	4	1.1148			1.3935		
	97	4	0.2787					
	96	4	1.9509			0.2787		
	63	3				0.1858		
	88	4						
	88	4						
	90	4				0.13935		
	94	4	1.7651					
	87	4				1.3006		
	90	4				0.1858		
	90	4	0.8361			1.3935		
	88	4				3.10286		
Ash	90	4	0.929			0.3716		
	100	4				0.07432		
	78	4	9.1971					
	10	1				0.4645		
	80	4						
	40	2	3.1586				UC	0.6096
	72	3				2.2296		
	65	3	7.8036			23.9682	UC	5.4864
	50	2						
	25	1				0.20438		
	10	1	5.1095			17.0007		
	15	1	2.9728			1.52356	UC	11.2776
	85	4		0.6503		1.3935		
Prju	60	3	7.6178			17.651	UC	5.1816
Prju	55	3	2.09025			0.2787		
	60	3				0.5574		
	10	1	10.1261			10.1261	UC	5.4864
	10	1	24.22832			27.0339		
	10	1	5.8527					
	5	1	1.1148			0.1858		
	10	1						
	55	3	2.8799					
Sago	52	3	7.8036			0.19509	UC	0.1524
	80	4				0.5574		

Ash	15	1						
	30	2	2.0438					
Basa	8	1	9.24355			UC		1.8288
	0	1	9	48		UC		86
	5	1						
	10	1	3					
	0	1	3					
	40	2	2	3				
	0	1						
	0	1						
	0	1						
	80	4				5		
	0	1	1					
	0	16						
	20	1						
	33	2						
	0	1						
	0	1						
	0	1	5					
	0	1	2					
	0	1	5	4		UC		4
	0	1						
	0	1						
	55	3	5					
	20	1						
	20	1	3					
	85	4						
	70	3	1	7				
	0	1						
	0	1						
	65	3		14		UC		6
	80	4						
	10	1	3					
	55	3	7	19		3		
	10	1						
	0	1	2.5					
	0	1	3			16	UC	26
	10	1	3	22.5		UC		52
	5	1	2					
	80	4						
	45	2						
	40	2						
	60	3		20		UC		50
	90	4						
	80	4				UC		22
	0	1						
	40	2						
	45	2	13	100		UC		48
	20	1	3			60	UC	36
	10	1		3				

51	3		10		UC	8
0	1					
20	1		11		UC	2
55	3		3			
95	4					
60	3					
80	4					
80	4					
55	3					
55	3					
80	4					
55	3	45				
80	4	2				
95	4	15				
85	4					
80	4					
60	3					
80	4					
90	4					
90	4					
85	4					
80	4					
90	4					
90	4	8				
55	3					
70	3					
30	2	22				
20	1					
20	1					
45	2	38			UC	27
90	4	18				
60	3	36				
95	4	7				
65	3	71				
87	4	6				
85	4	5				
20	1	12				
80	4					
80	4	14				
85	4	81				
80	4	5			UC	1.5
35	2					
60	3				UC	8.5
85	4					
90	4					
90	4	14				
30	2					
90	4	18				
60	3					
80	4	11.5	50		UC	4

80	4				
85	4				
80	4			UC	10
95	4				
90	4	15			
90	4				
80	4		301	UC	243
85	4				
80	4				
55	3		5	UC	26
20	1				
35	2				
90	4			UC	3
60	3				
60	3				
85	4				
90	4				
90	4				
80	4				
95	4				
40	2	40			
80	4				
80	4				
80	4	9			
90	4	18			
90	4	6	3		
80	4	2			
85	4	3			
40	2	2			
85	4	33			
45	2	5	2	UC	6
90	4	21		31	
40	3				
65	3				
20	1	16		UC	4
90	4		3		
85	4	2			
85	4	9			
80	8	8			
90	4				
80	4				
80	4		120	UC	101
80	4	2	12		
76	4		44	12	
80	4		3		
60	3	2	3	18 UC	3
60					
65	3			3 UC	3
65	3	1		UC	3
70	3	48	8	10 UC	26
40	2				
80	4				

10	1					
5	1	400	420		84 UC	54
70	3					
5	1					
85	4					
0	1					
10	1	180			180	
90	4					
5	1					
80	1					
65	3	41			465 UC	15
45	2					
80	3					
90	4				17	
90	4				14	
10	1					
0	1			1672	168.7 UC	10
0	1					
5	1					
17	1	62	28	280	1170 UC	4
40	2					
15	1			90	20	
10	1					
0	1					
0	1					
85	4					
20	1					
85	4					
85	4				290	

4 woody

18

19

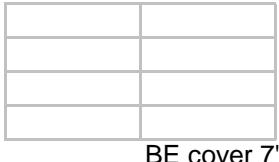
20

pool,

	mud
	pool mud
	pool,
	marsh
	shaded by
	pool
20	
20	
21	
22	
22	
	minnown
23	
0	
1	

feet/sec	
feet/ sec	
2	
11	
12	
18	
18	
19	
20	
21	
3	
4 mud	

23	
24	
11	
10	
14	
15	
28	
18	



BE cover 7'

Pools almost joined - bedrock separation

Texas mulberry

Sub-veg=willow roots

at water gap fence

Filled w/Se Historic Habitat 310A

Historic Habitat 310B

Fallen Juniper