

APPENDIX F – BASEFLOW PICK-UP ESTIMATES 2001 AND 2009

USGS ID	Downstream Sequential Gage ID	Upstream Sequential Gage ID(s)	2001						2009					
			Estimated	Simulated	Residual	Weight	Weighted Residual	Residual/Estimated	Estimated	Simulated	Residual	Weight	Weighted Residual	Residual/Estimated
2198690	1		-4.2	-8.98	4.78	2.38	11.38	-1.14	-17.4	-27.19	9.79	0.57	11.38	-0.56
2198100	2		-5.7	-7.45	1.75	1.75	3.07	-0.31	-6.4	-7.3	0.9	1.56	3.07	-0.14
2176500	4		-16.6	-17.13	0.53	0.6	0.32	-0.03	-14.2	-22.35	8.15	0.7	0.32	-0.57
2231280	5		-6	-8.4	2.4	1.67	3.99	-0.4	1.23E-25	-13.73	N/A	0	N/A	N/A
2231268	6		-1	-1.27	0.27	10	2.66	-0.27	1.23E-25	-3.22	N/A	0	N/A	N/A
2198500	8	11,7,2	-126.9	-121.41	-5.49	0.08	-0.43	0.04	-452.5	-177.11	-275.39	0.02	-0.43	0.61
2203000	9		-64	-215.27	151.27	0.16	23.63	-2.36	-118	-293.47	175.47	0.08	23.63	-1.49
2202600	10		-8.3	-3.24	-5.06	1.2	-6.09	0.61	-28.6	-68.15	39.55	0.35	-6.09	-1.38
2244040	12	45,50,53	1.23E-25	-752.22	N/A	0	N/A	N/A	1.23E-25	-768.51	N/A	0	N/A	N/A
2244320	13		-27.4	-23.99	-3.41	0.37	-1.24	0.12	1.23E-25	-16.73	N/A	0	N/A	N/A
2244420	14		-41.3	-2.83	-38.47	0.24	-9.31	0.93	1.23E-25	-1.72	N/A	0	N/A	N/A
2244440	15	13,14	1.23E-25	-90.33	N/A	0	N/A	N/A	1.23E-25	-63.68	N/A	0	N/A	N/A
2244473	16		-7.8	-6.69	-1.11	1.28	-1.42	0.14	1.23E-25	-8.3	N/A	0	N/A	N/A
2247258	17		1.23E-25	0	N/A	0	N/A	N/A	1.23E-25	0	N/A	0	N/A	N/A
2247222	18		1.23E-25	-30.74	N/A	0	N/A	N/A	1.23E-25	-34.87	N/A	0	N/A	N/A
2246895	19		1.23E-25	-8.6	N/A	0	N/A	N/A	1.23E-25	-15.79	N/A	0	N/A	N/A
2246828	20		-11.9	-4.67	-7.23	0.84	-6.08	0.61	1.23E-25	-6.34	N/A	0	N/A	N/A
2245050	21		-23.9	-14.35	-9.55	0.42	-4	0.4	1.23E-25	-18.04	N/A	0	N/A	N/A
2245140	22		-10.8	-13.93	3.13	0.93	2.9	-0.29	1.23E-25	-19.88	N/A	0	N/A	N/A
2247027	23		-0.9	-1.35	0.45	11.11	4.95	-0.49	1.23E-25	-2.35	N/A	0	N/A	N/A
2247015	24		1.23E-25	-14.01	N/A	0	N/A	N/A	1.23E-25	-18.67	N/A	0	N/A	N/A
2245255	25		-1.6	-2.61	1.01	6.25	6.34	-0.63	1.23E-25	-2.97	N/A	0	N/A	N/A
2245260	26	25	1.23E-25	-20.95	N/A	0	N/A	N/A	1.23E-25	-22.34	N/A	0	N/A	N/A
2245500	27		-22.4	-40.71	18.31	0.45	8.17	-0.82	-49.8	-63.57	13.77	0.2	8.17	-0.28
2216180	30		-4.8	-10.83	6.03	2.08	12.55	-1.26	-14.3	-19.18	4.88	0.7	12.55	-0.34
2226000	34	32,33	118.4	-470.63	589.03	0	0	4.97	-661.1	-773.63	112.53	0.02	0	-0.17
2226100	35		1.23E-25	-30.77	N/A	0	N/A	N/A	1.23E-25	-38.17	N/A	0	N/A	N/A
2227500	36		-12.8	-43.24	30.44	0.78	23.78	-2.38	-106.8	-48.06	-58.74	0.09	23.78	0.55
2228000	37	36	-187.5	-640.44	452.94	0.05	24.14	-2.42	-552.9	-999.73	446.83	0.02	24.14	-0.81
2228500	38		-3.8	1.11	-4.91	2.63	-12.91	1.29	-16.1	-14.68	-1.42	0.62	-12.91	0.09
2229000	39		1.23E-25	-2.31	N/A	0	N/A	N/A	1.23E-25	-4.66	N/A	0	N/A	N/A
2229250	40	39	-1.57	-6.1	-4.53	0	N/A	2.89	1.23E-25	-9.37	N/A	0	N/A	N/A
2231000	41	38,40	-34.3	-42.51	8.21	0.29	2.39	-0.24	-90	-60.76	29.24	0	0	-0.32
2246300	42		-10	-10.22	0.22	1	0.22	-0.02	1.23E-25	-16.67	N/A	0	N/A	N/A
2246150	43		-3.5	-1.13	-2.37	2.86	-6.77	0.68	1.23E-25	-1.7	N/A	0	N/A	N/A
2238500	47	46	1.23E-25	-10.09	10.09	0	0	N/A	1.23E-25	-8.3	N/A	0	N/A	N/A

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			Estimated	Simulated	Residual	Weight	Weighted Residual	Residual/Estimated	Estimated	Simulated	Residual	Weight	Weighted Residual	Residual/Estimated
2239501	48		-445.1	-446.86	1.76	0.02	0.04	0	-500.8	-508.91	8.11	0.02	0.04	-0.02
2240000	49	47,48	1.23E-25	-16.97	16.97	0	0	N/A	1.23E-25	-24.26	N/A	0	N/A	N/A
2240500	50	49	-42.2	-35.38	-6.82	0.24	-1.62	0.16	-62.4	-43.07	-19.33	0.16	-1.62	0.31
2240902	51		0	-0.3	0.3	20	5.92	N/A	1.23E-25	-0.33	N/A	0	N/A	N/A
2246000	52		-37	-35.03	-1.97	0.27	-0.53	0.05	-51.6	-68.59	16.99	0.19	-0.53	-0.33
2243000	53	51	-5.7	-10.08	4.38	1.75	7.68	-0.77	1.23E-25	10.52	N/A	0	N/A	N/A
2246025	54	27,52	1.23E-25	-54.38	54.38	0	0	N/A	1.23E-25	-79.86	N/A	0	N/A	N/A
2246500	55	12,15,16,21	1.23E-25	-250.98	250.98	0	0	N/A	1.23E-25	-348.36	N/A	0	N/A	N/A
		,22,2												
		6,54,43,42												
2247510	56		1.23E-25	-2.86	2.86	0	0	N/A	1.23E-25	-2.45	N/A	0	N/A	N/A
2322500	57	95	-581.1	-497.49	-83.61	0.02	-1.44	0.14	-745.7	-578.66	-167.04	0.01	-1.44	0.22
2322500a	57	93	-581.1	-497.49	-83.61	0.02	-1.44	0.14	-745.7	-578.66	-167.04	0.01	-1.44	0.22
2322700	58		-202	-201.74	-0.26	0.05	-0.01	0	-253.6	-272.61	19.01	0.04	-0.01	-0.07
2322800	59	57,58	-188	-137.24	-50.76	0.05	-2.7	0.27	-222.1	-147.61	-74.49	0.05	-2.7	0.34
2323500	60	90,59	-248.7	-353.42	104.72	0.04	4.21	-0.42	169.3	-429.44	598.74	0	4.21	3.54
2327500	61		-126.5	-349.84	223.34	0.08	17.67	-1.77	-166.3	-399.23	232.93	0.06	17.67	-1.4
2323592	62	60	-152.1	-410.86	258.76	0.07	17	-1.7	-1038.6	-466.51	-572.09	0	17	0.55
2324000	63		-92.2	-5.16	-87.04	0.11	-9.44	0.94	-29.6	-62.24	32.64	0.34	-9.44	-1.1
2324400	64		-3.1	-0.52	-2.58	3.23	-8.33	0.83	-2.3	-2.88	0.58	4.35	-8.33	-0.25
2324500	65	64	-62.1	15.63	-77.73	0.16	-12.51	1.25	1.23E-25	-6.72	N/A	0	N/A	N/A
2325000	66	65	-12.3	-6.62	-5.68	0.81	-4.62	0.46	1.23E-25	-59.73	N/A	0	N/A	N/A
2326000	67		-25.4	-16.63	-8.77	0.39	-3.45	0.35	-44.6	-49.58	4.98	0.22	-3.45	-0.11
2326372	68		0	0	0	0	0	1	1.23E-25	0	N/A	0	N/A	N/A
2326500	69	68	-38.2	-23.16	-15.04	0.26	-3.94	0.39	-158.7	-93.7	-65	0.06	-3.94	0.41
2326550	70	69	1.23E-25	-658.87	658.87	0	0	N/A	-603.5	-926.62	323.12	0.02	0	-0.54
2330000	71	94,103	1.23E-25	-162.21	162.21	0	0	N/A	1.23E-25	-257.3	N/A	0	N/A	N/A
2326900	72		-380.2	-278.57	-101.63	0.03	-2.67	0.27	-688	-381.52	-306.48	0.01	-2.67	0.45
2315000	73	110	-54.8	-59.46	4.66	0.18	0.85	-0.09	1.23E-25	-76.17	N/A	0	N/A	N/A
2315500	74	73	-37.3	-20.99	-16.31	0.27	-4.37	0.44	1.23E-25	-37.21	N/A	0	N/A	N/A
2330150	75	71	1.23E-25	-186.31	186.31	0	0	N/A	1.23E-25	-325.23	N/A	0	N/A	N/A
2317500	76		-164.4	-402.47	238.07	0.06	14.47	-1.45	-246.8	-772.97	526.17	0.04	14.47	-2.13
2317620	77	76	-59.4	-61.92	2.52	0.17	0.42	-0.04	-94.8	-37.45	-57.35	0.11	0.42	0.6
2329342	79		-4	-5.9	1.9	2.5	4.75	-0.47	-8.8	-8.82	0.02	1.14	4.75	0
2318500	80		-241.2	-392.79	151.59	0.04	6.29	-0.63	-298.9	-621.46	322.56	0.03	6.29	-1.08
2318700	81		-31.1	-88.11	57.01	0.32	18.33	-1.83	-50.1	-71.67	21.57	0.2	18.33	-0.43

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			Estimated	Simulated	Residual	Weight	Weighted Residual	Residual/Estimated	Estimated	Simulated	Residual	Weight	Weighted Residual	Residual/Estimated
2319000	82	80,81	-172.3	-146.37	-25.93	0.06	-1.5	0.15	-133.3	-147.68	14.38	0.08	-1.5	-0.11
2319394	84	82	-250.7	-290.75	40.05	0.04	1.6	-0.16	-343.9	-434.69	90.79	0.03	1.6	-0.26
2319500	85	74,77,84	-439.5	-728.04	288.54	0.02	6.58	-0.66	-245.9	-764.23	518.33	0	6.58	-2.11
2319800	86	85	-45.3	-86.85	41.55	0.22	9.17	-0.92	52.3	-116.59	168.89	0	9.17	3.23
2320000	87	86	-88.8	-124.55	35.75	0.11	4.03	-0.4	-453.9	-178.18	-275.72	0	4.03	0.61
2320500a	87	85	-88.8	-124.55	35.75	0.11	4.03	-0.4	-453.9	-178.18	-275.72	0	4.03	0.61
2327100	89		-36.6	-12.21	-24.39	0.27	-6.66	0.67	-37	-46.87	9.87	0.27	-6.66	-0.27
2320500	90	87	-498.8	-514.99	16.19	0.02	0.32	-0.03	-170.3	-613.26	442.96	0.06	0.32	-2.6
2320700	91		-0.2	-0.19	-0.01	50	-0.3	0.03	-21.6	-3.31	-18.29	0.46	-0.3	0.85
2321000	92		-4.2	-3.15	-1.05	2.38	-2.51	0.25	-20.2	-16.65	-3.55	0.5	-2.51	0.18
2321500	93	91,92	-8.1	-6.89	-1.21	1.23	-1.49	0.15	-34.4	-23.56	-10.84	0.29	-1.49	0.31
2329000	94	97	-19.3	-43.1	23.8	0.52	12.33	-1.23	-53.5	-65.06	11.56	0.19	12.33	-0.22
2321975	95	93	-7	-26.76	19.76	1.43	28.22	-2.82	-31.9	-104.6	72.7	0.31	28.22	-2.28
2322049	96		0	0	0	0	0	1	1.23E-25	0	N/A	0	N/A	N/A
2328522	97	61	-90.8	-282.32	191.52	0.11	21.09	-2.11	-210.2	-360.27	150.07	0.05	21.09	-0.71
2312700	99	102	-28.7	-50.72	22.02	0.35	7.67	-0.77	1.23E-25	-51.66	N/A	0	N/A	N/A
2313230	100	105,101,98	1.23E-25	-565.62	565.62	0	0	N/A	1.23E-25	-588.82	N/A	0	N/A	N/A
2313100	101		-543.6	-544.41	0.81	1	0.81	0	-561	-569.53	8.53	1	0.81	-0.02
2312667	102		-11.6	-8.98	-2.62	0.86	-2.26	0.23	-14.4	-4.74	-9.66	0.69	-2.26	0.67
2329600	103	79,104	-34.1	-141.22	107.12	0.29	31.42	-3.14	1.23E-25	-200.25	N/A	0	N/A	N/A
2329558	104		-2.3	-0.21	-2.09	4.35	-9.09	0.91	1.23E-25	-0.25	N/A	0	N/A	N/A
2313000	105	106	1.23E-25	-108.23	108.23	0	0	N/A	1.23E-25	-93.09	N/A	0	N/A	N/A
2312720	106	111,107,99	1.23E-25	15.11	-15.11	0	0	N/A	1.23E-25	18.76	N/A	0	N/A	N/A
2313700	108		1.23E-25	-117.93	117.93	0	0	N/A	1.23E-25	-123.89	N/A	0	N/A	N/A
2327033	109		0	3.5	-3.5	0	0	N/A	-24.2	-34.32	10.12	0.41	0	-0.42
2314500	110		-61.6	-4.64	-56.96	0.16	-9.24	0.92	-359.9	-49.35	-310.55	0.03	-9.24	0.86
2353000	112	119	1.23E-25	-404.58	404.58	0	0	N/A	1.23E-25	-538.23	N/A	0	N/A	N/A
2355350	116	115	-40	-33.86	-6.14	0.25	-1.53	0.15	1.23E-25	-39.46	N/A	0	N/A	N/A
2356000	117	112,116	1.23E-25	-747.67	747.67	0	N/A	N/A	1.23E-25	-776.21	N/A	0	N/A	N/A
2326526	122		1.23E-25	-236.21	N/A	0	N/A	N/A	-510	-447.58	-62.42	1.96E-02	-1.22	0.12
lower_olustee	Mouth of Olustee Creek	121	0.2	0.2	0	50	50	10	1.23E-25	-8.569354	N/A	0	N/A	N/A