

Appendix 1B-1: Everglades Protection Area Inflows: Comparisons to the Water Years 1979–1988 Baseline Period

Gary Goforth (District Consultant)

Discharge Location	1979-1988 Base Period			WY2002-2006			Change Since Base Period		
	Flow AF/yr	Load kg/yr	Conc ppb	Flow AF/yr	Load kg/yr	Conc ppb	Flow AF/yr	Load kg/yr	Conc ppb
S-5A	306,009	74,233	197	0	0		-306,009	-74,233	-197
S-6	158,068	32,269	166	0	0		-158,068	-32,269	-166
G-251 (STA-1W)	0	0		51,073	4,169	66	51,073	4,169	66
G-310 (STA-1W)	0	0		285,483	22,692	64	285,483	22,692	64
Total STA-1W	0	0		336,555	26,861	65	336,555	26,861	65
G-300	0	0		15,550	4,232	221	15,550	4,232	221
G-301	0	0		17,448	5,864	272	17,448	5,864	272
Total G-300/G-301	0	0		32,998	10,096	248	32,998	10,096	248
ACME B1	7,196	1,598	180	12,196	1,394	93	5,000	-204	-87
ACME B2	7,461	1,316	143	12,175	2,136	142	4,714	820	-1
Total ACME Basin B	14,657	2,914	161	24,371	3,530	117	9,714	616	-44
S-362 (STA-1E)	0	0		11,292	2,979	214	11,292	2,979	214
Total into WCA-1	478,734	109,416	185	405,217	43,466	87	-73,517	-65,950	-98
G-335 (STA-2)	0	0		305,418	6,799	18	305,418	6,799	18
S-7	219,188	30,238	112	232,712	8,187	29	13,524	-22,051	-83
NSIDS38	42,859	862	16	707	17	19	-42,152	-845	3
S-10A	80,967	6,013	60	57,121	4,982	71	-23,846	-1,031	11
S-10C	102,181	13,616	108	51,326	1,768	28	-50,856	-11,847	-80
S-10D	137,110	24,054	142	70,615	7,638	88	-66,495	-16,416	-55
S-10E	13,189	1,690	104	0	0	0	-13,189	-1,690	-104
Total S-10s	333,448	45,372	110	179,062	14,389	65	-154,386	-30,983	-45
Total into WCA-2A	595,495	76,472	104	717,899	29,391	33	122,404	-47,081	-71
Total external to WCA-2A	262,047	31,100	96	538,837	15,003	23	276,790	-16,097	-74
STA-6	0	0		28,949	713	20	28,949	713	20
G-404 / G-357	0	0		94,214	4,697	40	94,214	4,697	40
S-140	116,634	20,103	140	144,824	8,729	49	28,190	-11,374	-91
S-190	71,997	8,575	97	107,129	14,620	111	35,132	6,045	14
L-3 Borrow Canal	117,828	32,791	226	43,434	15,241	284	-74,394	-17,550	59
S-8	304,961	66,668	177	311,217	18,878	49	6,256	-47,790	-128
S-150	63,376	5,854	75	44,452	1,617	29	-18,924	-4,237	-45
S-11A	168,523	4,453	21	148,744	2,639	14	-19,779	-1,815	-7
S-11B	178,234	9,203	42	129,877	1,729	11	-48,356	-7,474	-31
S-11C	173,741	11,994	56	147,319	4,017	22	-26,422	-7,976	-34
Total S-11s	520,497	25,650	40	425,941	8,385	16	-94,557	-17,265	-24
G-123	4,732	111	19	10,868	221	16	6,136	109	-3
S-9 / S-9A	136,779	4,674	28	229,008	4,930	17	92,229	257	-10
Holey Land	0	0		9	0	18	9	0	18
Total into WCA-3A	1,336,804	164,426	100	1,440,045	78,031	44	103,241	-86,395	-56
Total external into WCA-3A	816,307	138,776	138	1,014,104	69,646	56	197,798	-69,130	-82
Total into WCAs	2,411,032	350,314	118	2,563,160	150,889	48	152,128	-199,425	-70
Total external into WCAs	1,557,087	279,292	145	1,958,158	128,115	53	401,071	-151,177	-92
S-12A	83,568	962	9	110,200	1,151	8	26,632	189	-1
S-12B	75,904	805	9	121,756	1,012	7	45,852	207	-2
S-12C	164,699	2,337	12	253,148	2,301	7	88,449	-36	-4
S-12D	161,759	2,450	12	286,230	3,872	11	124,471	1,422	-1
Total S-12s	485,930	6,554	11	771,334	8,335	8.8	285,405	1,782	-2
S-333 minus S-334	104,198	3,147	24	106,954	1,798	13.6	2,756	-1,350	-11
S-14	0	0		0	0		0	0	
S-174	0	0		13,010	167	10	13,010	167	10
S-175	49,614	245	4	0	0		-49,614	-245	-4
S-332	24,802	227	7	0	0		-24,802	-227	-7
S-332B	0	0		27,502	446	13	27,502	446	13
S-332C	0	0		15,828	300	15	15,828	300	15
S-332D	0	0		118,541	1,033	7	118,541	1,033	7
Total S-332s	24,802	227	7	161,871	1,778	9	137,069	1,552	2
S-18C minus S-197	112,007	1,327	10	132,080	1,356	8	20,073	29	-1
S-355 structures	0	0		364	4	9	364	4	9
Total into ENP	776,550	11,499	12	1,185,613	13,438	9	409,063	1,939	-3
Total external into ENP	290,620	4,946	14	413,914	5,099	10	123,294	153	-4
Total into EPA	3,187,582	361,813	92	3,748,773	164,327	36	561,191	-197,487	-56
Total external into EPA	1,847,707	284,238	125	2,372,072	133,214	46	524,365	-151,024	-79

Note: 1. "external" indicates exclusion of flows from the S-10s, S-11s, S-12s and other internal structures.