

Segment	Term	95Base			50Base			ALT-A			ALT-B			ALT-C			ALT-D			A-D13R		
		Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb
Backpump	S2PMP	38.7	8.7	183	29.2	6.6	183	10.3	2.3	183	0.7	0.2	183	0.7	0.1	183	0.7	0.1	183	0.6	0.1	183
Backpump	S3PMP	7.4	1.3	146	3.4	0.6	146	0.2	0.0	146	0.2	0.0	146	0.2	0.0	146	0.2	0.0	146	0.2	0.0	146
Backpump	Total	46.1	10.1	177	32.6	7.2	179	10.5	2.4	182	0.9	0.2	176	0.9	0.2	174	0.9	0.2	174	0.8	0.2	173
RUNOFF	RUNS5A1	222.2	44.4	162																		
RUNOFF	RUNS6	194.6	21.4	89																		
RUNOFF	RUNS7	224.3	22.7	82																		
RUNOFF	RUNS150	28.6	2.9	82																		
RUNOFF	RUNS8	211.9	26.2	100																		
RUNOFF	HLYQIN	14.6	1.7	92																		
RUNOFF	R5AST1				162.9	32.6	162	168.6	33.7	162	167.8	33.6	162	168.7	33.7	162	181.0	36.2	162	181.0	36.2	162
RUNOFF	ST1BYP				0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162
RUNOFF	RUNS562				213.9	26.1	99	183.3	22.4	99	182.3	22.3	99	183.0	22.4	99	186.7	22.8	99	186.6	22.8	99
RUNOFF	ST2BYP				21.1	2.6	99	4.4	0.5	99	7.9	1.0	99	7.8	1.0	99	7.6	0.9	99	7.8	1.0	99
RUNOFF	ST3BYP				0.0	0.0	92	19.9	2.3	92	27.7	3.1	92	27.7	3.1	92	28.0	3.2	92	27.8	3.2	92
RUNOFF	R78ST3				383.9	43.6	92	188.9	21.5	92	183.8	20.9	92	184.1	20.9	92	184.1	20.9	92	184.6	21.0	92
RUNOFF	R78EAAR				0.0	0.0	92	162.1	18.4	92	164.1	18.6	92	164.9	18.7	92	166.0	18.9	92	165.5	18.8	92
RUNOFF	WLES8				1.1	0.1	92	1.9	0.2	92	0.0	0.0	92	0.0	0.0	92	0.0	0.0	92	0.0	0.0	92
RUNOFF	WLES7				0.2	0.0	92	0.4	0.0	92	1.2	0.1	92	1.3	0.1	92	1.3	0.1	92	1.6	0.2	92
RUNOFF	WLES6				0.0	0.0	99	0.0	0.0	99	0.0	0.0	99	0.0	0.0	99	0.0	0.0	99	0.0	0.0	99
RUNOFF	SUGRST6				21.6	2.7	100	23.3	2.9	100	23.2	2.9	100	23.3	2.9	100	23.3	2.9	100	23.4	2.9	100
RUNOFF	ST6BYP				0.0	0.0	100	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100
RUNOFF	TOTAL	896.2	119.2	108	804.6	107.7	108	752.8	101.9	110	758.0	102.5	110	760.8	102.9	110	778.0	105.9	110	778.2	105.9	110
TOTAL LAKE	S352	154.1	23.2	122	96.1	14.5	122	89.5	13.5	122	86.0	13.0	122	86.7	13.1	122	79.7	12.0	122	80.3	12.1	122
TOTAL LAKE	S351	275.8	26.6	78	223.0	21.5	78	187.0	18.0	78	304.1	29.3	78	295.8	28.5	78	271.2	26.1	78	249.6	24.0	78
TOTAL LAKE	S354	199.3	15.7	64	407.5	32.2	64	530.1	41.9	64	466.2	36.8	64	404.5	32.0	64	412.5	32.6	64	423.4	33.5	64
TOTAL LAKE	TOTAL	629.1	65.5	84	726.5	68.1	76	806.6	73.4	74	856.3	79.1	75	787.0	73.5	76	763.4	70.7	75	753.2	69.6	75
LAKE ENV	FLIMPW	28.2	4.2	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122
LAKE ENV	FLIMPH	23.2	2.2	78	11.1	1.1	78	27.9	2.7	78	36.0	3.5	78	42.4	4.1	78	40.4	3.9	78	9.4	0.9	78
LAKE ENV	FLIMPN	49.3	4.8	78	0.3	0.0	78	1.6	0.2	78	25.9	2.5	78	17.8	1.7	78	17.7	1.7	78	22.4	2.2	78
LAKE ENV	FLIMPM	64.2	5.1	64	150.2	11.9	64	106.6	8.4	64	116.4	9.2	64	96.0	7.6	64	90.9	7.2	64	88.8	7.0	64
LAKE ENV	TOTAL	165.0	16.3	80	161.6	13.0	65	136.0	11.3	67	178.4	15.2	69	156.2	13.4	69	149.0	12.8	69	120.6	10.1	68
LAKE REG	352RG	25.1	3.8	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122
LAKE REG	351RG	31.3	3.0	78	46.4	4.5	78	27.2	2.6	78	50.1	4.8	78	68.5	6.6	78	69.3	6.7	78	69.5	6.7	78
LAKE REG	354RG	5.2	0.4	64	64.1	5.1	64	20.6	1.6	64	20.9	1.7	64	32.1	2.5	64	32.5	2.6	64	32.3	2.6	64
LAKE REG	TOTAL	61.6	7.2	95	110.5	9.5	70	47.8	4.2	72	71.0	6.5	74	100.6	9.1	74	101.9	9.2	74	101.8	9.2	74
LEC WS	WL1351	3.9	0.4	78	10.9	1.0	78	11.2	1.1	78	19.3	1.9	78	20.0	1.9	78	19.9	1.9	78	23.6	2.3	78
LEC WS	WL3351	3.2	0.3	78	10.2	1.0	78	16.1	1.5	78	64.5	6.2	78	61.2	5.9	78	38.8	3.7	78	41.5	4.0	78
LEC WS	WLC352	2.8	0.4	122	18.9	2.8	122	3.7	0.6	122	1.6	0.2	122	1.0	0.2	122	1.8	0.3	122	2.3	0.3	122
LEC WS	WL2351	0.5	0.0	78	4.1	0.4	78	0.1	0.0	78	0.1	0.0	78	0.1	0.0	78	0.2	0.0	78	0.3	0.0	78
LEC WS	WLC354	29.4	2.3	64	73.4	5.8	64	48.9	3.9	64	0.0	0.0	64	0.0	0.0	64	0.0	0.0	64	0.0	0.0	64
LEC WS	WSFWPB	0.0	0.0	122	0.1	0.0	122	0.5	0.1	122	0.4	0.1	122	0.4	0.1	122	0.2	0.0	122	0.1	0.0	122
LEC WS	WLES7				0.2	0.0	92	0.4	0.0	92	1.2	0.1	92	1.3	0.1	92	1.3	0.1	92	1.6	0.2	92
LEC WS	WLES8				1.1	0.1	92	1.9	0.2	92	0.0	0.0	92	0.0	0.0	92	0.0	0.0	92	0.0	0.0	92
LEC WS	TOTAL	39.8	3.5	71	118.8	11.2	77	82.7	7.4	72	87.1	8.5	79	84.0	8.2	79	62.3	6.1	80	69.3	6.8	80
LEC WS	Exc WSFWPB	39.8	3.5	71	118.8	11.2	76	82.2	7.3	72	86.8	8.5	79	83.7	8.1	79	62.1	6.1	80	69.3	6.8	80
STA WS	WSSTA2				0.0	0.0	78	0.0	0.0	78	0.0	0.0	78	0.0	0.0	78	0.0	0.0	78	0.0	0.0	78
STA WS	WSST1E				0.3	0.0	122	0.2	0.0	122	0.2	0.0	122	0.2	0.0	122	0.2	0.0	122	0.2	0.0	122
STA WS	WSST1W				0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
STA WS	WSSTA3				0.0	0.0	64	0.0	0.0	64	0.0	0.0	64	0.0	0.0	64	0.0	0.0	64	0.0	0.0	64
STA WS	WSSTA5				0.9	0.1	64	0.1	0.0	64	0.1	0.0	64	0.1	0.0	64	0.1	0.0	64	0.1	0.0	64
STA WS	WSSTA6				2.4	0.2	64	2.9	0.2	64	2.8	0.2	64	2.8	0.2	64	3.0	0.2	64	3.0	0.2	64
STA WS	TOTAL				3.5	0.3	68	3.2	0.3	68	3.1	0.3	67	3.0	0.3	67	3.3	0.3	68	3.3	0.3	68
STA WS	WSSTA				3.5	0.3	68	3.2	0.3	68	3.1	0.3	67	3.0	0.3	67	3.3	0.3	68	3.3	0.3	68
OTHER WS	HLYQIN	14.6	1.7	92	0.0	0.0	92	0.0	0.0	92	0.0	0.0	92	0.0	0.0	92	0.0	0.0	92	0.1	0.0	92
OTHER WS	LKTSEM	0.0	0.0	64	20.7	1.6	64	25.8	2.0	64	24.5	1.9	64	25.5	2.0	64	25.8	2.0	64	25.8	2.0	64
OTHER WS	LKTSGH	0.0	0.0	64	5.9	0.5	64	8.2	0.6	64	8.1	0.6	64	8.2	0.6	64	8.3	0.7	64	8.3	0.7	64

Segment	Term	95Base			50Base			ALT-A			ALT-B			ALT-C			ALT-D			A-D13R		
		Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb
OTHER WS	LKTROT				0.0	0.0	64	28.6	2.3	64	28.7	2.3	64	28.9	2.3	64	29.0	2.3	64	28.9	2.3	64
OTHER WS	TOTAL	14.6	1.7	92	26.6	2.1	64	62.5	4.9	64	61.3	4.8	64	62.5	4.9	64	63.0	5.0	64	63.0	5.0	64
TOTAL LAKE		629.1	65.5	84	726.5	68.1	76	806.6	73.4	74	856.3	79.1	75	787.0	73.5	76	763.4	70.7	75	753.2	69.6	75
LAKE ENV		165.0	16.3	80	161.6	13.0	65	136.0	11.3	67	178.4	15.2	69	156.2	13.4	69	149.0	12.8	69	120.6	10.1	68
LAKE TO EAARES					0.0	0.0	0	350.4	28.6	66	332.2	27.2	66	256.8	20.9	66	268.7	21.8	66	277.9	22.5	66
LAKE REG		61.6	7.2	95	110.5	9.5	70	47.8	4.2	72	71.0	6.5	74	100.6	9.1	74	101.9	9.2	74	101.8	9.2	74
LEC WS		39.8	3.5	71	118.8	11.2	77	82.7	7.4	72	87.1	8.5	79	84.0	8.2	79	62.3	6.1	80	69.3	6.8	80
STA WS					3.5	0.3	68	3.2	0.3	68	3.1	0.3	67	3.0	0.3	67	3.3	0.3	68	3.3	0.3	68
OTHER WS		14.6	1.7	92	26.6	2.1	64	62.5	4.9	64	61.3	4.8	64	62.5	4.9	64	63.0	5.0	64	63.0	5.0	64
EAA WS (By Difference)		348.2	36.9	86	305.5	32.0	85	124.0	16.7	109	123.2	16.6	109	123.8	16.7	109	115.4	15.5	109	117.3	15.7	108
298	S236SO				4.8	0.8	135	6.3	1.0	135	7.7	1.3	135	7.3	1.2	135	7.3	1.2	135	7.3	1.2	135
298	298ST3				3.4	0.4	102	4.9	0.6	102	5.9	0.7	102	5.9	0.7	102	5.9	0.7	102	5.9	0.7	102
298	298ST2				12.9	3.2	204	10.6	2.7	204	10.5	2.7	204	10.8	2.7	204	10.7	2.7	204	10.7	2.7	204
298	Total				21.1	4.5	172	21.8	4.3	161	24.2	4.7	157	24.0	4.7	158	24.0	4.7	158	24.0	4.7	158
C139 - Source	G136	16.2	2.8	141	16.2	2.8	141	16.2	2.8	141	16.2	2.8	141	16.2	2.8	141	16.2	2.8	141	16.2	2.8	141
C139 - Source	G155	95.2	28.0	238	95.2	28.0	238	95.2	28.0	238	95.2	28.0	238	95.2	28.0	238	95.2	28.0	238	95.2	28.0	238
C139 - Source	G89	3.7	1.1	238	3.7	1.1	238	3.7	1.1	238	3.7	1.1	238	3.7	1.1	238	3.7	1.1	238	3.7	1.1	238
C139 - Source	G88	32.1	9.4	238	32.1	9.4	238	32.1	9.4	238	32.1	9.4	238	32.1	9.4	238	32.1	9.4	238	32.1	9.4	238
C139 - Source	TOTAL	147.2	41.3	227	147.2	41.3	227	147.2	41.3	227	147.2	41.3	227	147.2	41.3	227	147.2	41.3	227	147.2	41.3	227
C139	G136S8	16.2	2.8	141																		
C139	G136EA	0.0	0.0	141	4.5	0.8	141	3.5	0.6	141	3.1	0.5	141	3.5	0.6	141	3.5	0.6	141	3.5	0.6	141
C139	G136ST3				11.7	2.0	141	12.7	2.2	141	13.2	2.3	141	12.7	2.2	141	12.7	2.2	141	12.7	2.2	141
C139	C139ST5				130.7	38.4	238	130.6	38.4	238	130.6	38.4	238	130.7	38.4	238	130.6	38.4	238	130.6	38.4	238
C139	C139ST6				0.0	0.0	238	0.0	0.0	238	0.0	0.0	238	0.0	0.0	238	0.0	0.0	238	0.0	0.0	238
C139	ST5BYP				0.3	0.1	238	0.4	0.1	238	0.4	0.1	238	0.3	0.1	238	0.4	0.1	238	0.4	0.1	238
C139	TOTAL	16.2	2.8	141	147.2	41.3	227	147.2	41.3	227	147.2	41.3	227	147.2	41.3	227	147.2	41.3	227	147.2	41.3	227
STA5 Inflow	C139ST5				130.7	38.4	238	130.6	38.4	238	130.6	38.4	238	130.7	38.4	238	130.6	38.4	238	130.6	38.4	238
STA5 Inflow	LKTROT				0.0	0.0	64	28.6	2.3	64	28.7	2.3	64	28.9	2.3	64	29.0	2.3	64	28.9	2.3	64
STA5 Inflow	WSSTA5				0.9	0.1	64	0.1	0.0	64	0.1	0.0	64	0.1	0.0	64	0.1	0.0	64	0.1	0.0	64
STA5 Inflow	Total				131.6	38.5	237	159.3	40.6	207	159.4	40.7	207	159.6	40.7	206	159.7	40.7	206	159.6	40.7	206
STA5 Inflow	STA5IQ				131.6	38.5	237	159.3	40.6	207	159.4	40.7	207	159.6	40.7	206	159.7	40.7	206	159.6	40.7	206
STA-5	STA5IQ				131.6	38.5	237	159.3	40.6	207	159.4	40.7	207	159.6	40.7	206	159.7	40.7	206	159.6	40.7	206
STA-5	TOTALIN				131.6	38.5	237	159.3	40.6	207	159.4	40.7	207	159.6	40.7	206	159.7	40.7	206	159.6	40.7	206
STA-5																						
STA-5	ST5OT1				128.6	14.1	89	155.7	17.3	90	155.8	17.3	90	156.0	17.3	90	156.1	17.3	90	156.0	17.3	90
STA-5	TOTALOUT				128.6	14.1	89	155.7	17.3	90	155.8	17.3	90	156.0	17.3	90	156.1	17.3	90	156.0	17.3	90
STA-5																						
STA-5	NET				3.0	24.4	148	3.6	23.4	117	3.6	23.3	117	3.6	23.3	116	3.6	23.3	116	3.6	23.3	116
STA-5																						
STA-5	ST5OT1				128.6	14.1	89	155.7	17.3	90	155.8	17.3	90	156.0	17.3	90	156.1	17.3	90	156.0	17.3	90
STA-5	ST5BYP				0.3	0.1	238	0.4	0.1	238	0.4	0.1	238	0.3	0.1	238	0.4	0.1	238	0.4	0.1	238
STA-5	TOTALOUT				128.9	14.2	89	156.0	17.4	90	156.1	17.4	90	156.3	17.4	90	156.4	17.5	90	156.3	17.4	90
STA-6																						
STA-6	SUGRST6				21.6	2.7	100	23.3	2.9	100	23.2	2.9	100	23.3	2.9	100	23.3	2.9	100	23.4	2.9	100
STA-6	U1TST6				0.0	0.0	70	0.0	0.0	70	0.0	0.0	70	0.0	0.0	70	0.0	0.0	70	0.0	0.0	70
STA-6	C139ST6				0.0	0.0	238	0.0	0.0	238	0.0	0.0	238	0.0	0.0	238	0.0	0.0	238	0.0	0.0	238
STA_6	WSSTA6				2.4	0.2	64	2.9	0.2	64	2.8	0.2	64	2.8	0.2	64	3.0	0.2	64	3.0	0.2	64
STA-6	TOTALIN				23.9	2.8	96	26.2	3.1	96	26.0	3.1	96	26.1	3.1	96	26.3	3.1	96	26.3	3.1	96
STA-6	STA6IQ				23.9	2.8	96	26.2	3.1	96	26.0	3.1	96	26.1	3.1	96	26.3	3.1	96	26.3	3.1	96
STA-6																						
STA-6	ST6SEM				1.1	0.0	33	1.5	0.1	34	1.4	0.1	34	1.5	0.1	34	1.5	0.1	33	1.5	0.1	33
STA-6	ST6WCA				21.3	0.9	33	22.7	0.9	34	10.2	0.4	34	13.1	0.5	34	12.7	0.5	33	12.9	0.5	33
STA-6	ST6TL4				0.0	0.0	33	0.1	0.0	34	12.5	0.5	34	9.7	0.4	34	10.2	0.4	33	10.0	0.4	33
STA-6	TOTALOUT				22.5	0.9	33	24.2	1.0	34	24.1	1.0	34	24.3	1.0	34	24.4	1.0	33	24.4	1.0	33
STA-6																						
STA-6	NET				1.5	1.9	63	2.0	2.1	62	1.9	2.1	62	1.8	2.1	63	1.9	2.1	63	1.9	2.1	63
SUGAR	SUGRST6				21.6	2.7	100	23.3	2.9	100	23.2	2.9	100	23.3	2.9	100	23.3	2.9	100	23.4	2.9	100

Water & Mass Balances

BMP Performance: 51% (1995-1997)

1965-1995

07/16/98

Segment	Term	95Base			50Base			ALT-A			ALT-B			ALT-C			ALT-D			A-D13R		
		Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb
SUGAR	ST6BYP	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100
SUGAR	Total	21.6	2.7	100	23.3	2.9	100	23.2	2.9	100	23.3	2.9	100	23.3	2.9	100	23.3	2.9	100	23.4	2.9	100
SUGAR	SUGRF				27.0	3.3	100	29.2	3.6	100	29.1	3.6	100	29.2	3.6	100	29.3	3.6	100	29.3	3.6	100
TALIN	LKEAAR							350.4	28.6	66	332.2	27.2	66	256.8	20.9	66	268.7	21.8	66	277.9	22.5	66
TALIN	R78EAAR							162.1	18.4	92	164.1	18.6	92	164.9	18.7	92	166.0	18.9	92	165.5	18.8	92
TALIN	TOTAL							512.5	47.0	74	496.3	45.9	75	421.8	39.6	76	434.7	40.7	76	443.4	41.3	75
TALIS+EAAR	TALIN1							55.0	6.2	92	65.7	7.5	92	69.2	7.9	92	69.9	7.9	92	69.4	7.9	92
TALIS+EAAR	TALIN2							107.1	12.2	92	98.3	11.2	92	95.8	10.9	92	96.1	10.9	92	96.1	10.9	92
TALIS+EAAR	LKRSM1							297.7	23.5	64	274.7	21.7	64	211.8	16.7	64	221.7	17.5	64	234.9	18.6	64
TALIS+EAAR	LKRSM2												9.4	0.7	64	12.0	0.9	64	11.6	0.9	64	
TALIS+EAAR	LKRSN1							52.8	5.1	78	57.6	5.5	78	32.9	3.2	78	32.1	3.1	78	27.6	2.7	78
TALIS+EAAR	LKRSN2												2.8	0.3	78	3.0	0.3	78	3.8	0.4	78	
TALIS+EAAR	TOTALIN							512.5	47.0	74	496.3	45.9	75	421.8	39.6	76	434.7	40.7	76	443.4	41.3	75
TALIS+EAAR	TALMA1							63.8	5.4	68	64.2	5.4	68	64.6	5.4	67	64.8	5.4	67	65.1	5.4	67
TALIS+EAAR	TALMA2							2.0	0.2	68	1.8	0.2	68	1.7	0.1	67	1.8	0.2	67	1.7	0.1	67
TALIS+EAAR	TALNH1							68.6	5.8	68	69.5	5.8	68	70.5	5.9	67	71.0	5.9	67	71.0	5.9	67
TALIS+EAAR	TALNH2							3.7	0.3	68	3.8	0.3	68	3.9	0.3	67	4.1	0.3	67	3.9	0.3	67
TALIS+EAAR	WSTMB							1.6	0.1	55	1.5	0.1	56	1.7	0.1	57	1.8	0.1	56	1.8	0.1	56
TALIS+EAAR	WSTNRH							6.0	0.4	55	3.3	0.2	56	4.3	0.3	57	4.6	0.3	56	3.5	0.2	56
TALIS+EAAR	WCS4							326.5	22.3	55	312.8	21.7	56				189.1	13.2	56	197.0	13.6	56
TALIS+EAAR	WCS4N												60.6	5.4	72	63.7	5.6	71	67.1	5.8	70	
TALIS+EAAR	WCS4S												4.4	0.3	57	4.2	0.3	56	3.9	0.3	56	
TALIS+EAAR	EVBLSN												7.0	0.6	72	7.2	0.6	71	5.6	0.5	70	
TALIS+EAAR	EVBLSS																					
TALIS+EAAR	TOTALOUT							472.1	34.5	59	456.9	33.7	60	401.1	31.3	63	412.4	31.9	63	420.4	32.3	62
TALIS+EAAR	NET							40.4	12.5	15	39.4	12.1	15	20.6	8.3	13	22.3	8.8	13	23.0	9.0	13
TALIS+EAAR	Out to EAA							145.6	12.1	68	144.1	12.0	67	146.7	12.1	67	148.1	12.2	67	146.9	12.1	67
TALIS+EAAR	Out to STA34							326.5	22.3	55	312.8	21.7	56	254.4	19.2	61	264.3	19.7	60	273.6	20.2	60
TALISMAN	TALIN1							55.0	6.2	92	65.7	7.5	92	69.2	7.9	92	69.9	7.9	92	69.4	7.9	92
TALISMAN	TALIN2							107.1	12.2	92	98.3	11.2	92	95.8	10.9	92	96.1	10.9	92	96.1	10.9	92
TALISMAN	TOTALIN							162.1	18.4	92	164.1	18.6	92	164.9	18.7	92	166.0	18.9	92	165.5	18.8	92
TALISMAN	TALMA1							63.8	5.4	68	64.2	5.4	68	64.6	5.4	67	64.8	5.4	67	65.1	5.4	67
TALISMAN	TALMA2							2.0	0.2	68	1.8	0.2	68	1.7	0.1	67	1.8	0.2	67	1.7	0.1	67
TALISMAN	TALNH1							68.6	5.8	68	69.5	5.8	68	70.5	5.9	67	71.0	5.9	67	71.0	5.9	67
TALISMAN	TALNH2							3.7	0.3	68	3.8	0.3	68	3.9	0.3	67	4.1	0.3	67	3.9	0.3	67
TALISMAN	TALMNO							7.5	0.6	68	7.8	0.7	68	7.0	0.6	67	7.0	0.6	67	6.6	0.5	67
TALISMAN	TOTALOUT							145.5	12.3	68	147.1	12.3	68	147.8	12.3	67	148.7	12.3	67	148.2	12.3	67
TALISMAN	NET							16.6	6.1	24	17.0	6.3	24	17.2	6.4	25	17.3	6.5	25	17.2	6.5	25
EAA_RES_N	LKRSM1							297.7	23.5	64	274.7	21.7	64	211.8	16.7	64	221.7	17.5	64	234.9	18.6	64
EAA_RES_N	LKRSN1							52.8	5.1	78	57.6	5.5	78	32.9	3.2	78	32.1	3.1	78	27.6	2.7	78
EAA_RES_N	TALMNO							7.5	0.6	68	7.8	0.7	68	7.0	0.6	67	7.0	0.6	67	6.6	0.5	67
EAA_RES_N	TOTALIN							357.9	29.2	66	340.0	27.9	66	251.7	20.5	66	260.7	21.2	66	269.1	21.8	66
EAA_RES_N	WCS4							326.5	22.3	55	312.8	21.7	56				189.1	13.2	56	197.0	13.6	56
EAA_RES_N	WCS4N												182.4	12.9	57	189.1	13.2	56	197.0	13.6	56	
EAA_RES_N	WSTMB							1.6	0.1	55	1.5	0.1	56	1.7	0.1	57	1.8	0.1	56	1.8	0.1	56
EAA_RES_N	WSTNRH							6.0	0.4	55	3.3	0.2	56	4.3	0.3	57	4.6	0.3	56	3.5	0.2	56
EAA_RES_N	EVBLSN												4.4	0.3	57	4.2	0.3	56	3.9	0.3	56	
EAA_RES_N	EARSNO												53.1	3.7	57	54.2	3.8	56	55.6	3.8	56	
EAA_RES_N	TOTALOUT							334.1	22.8	55	317.6	22.1	56	245.9	17.3	57	253.9	17.7	56	261.7	18.1	56
EAA_RES_N	NET							23.8	6.4	11	22.5	5.8	10	5.8	3.1	9	6.8	3.5	9	7.4	3.7	9
EAA_RES_S	LKRSM2												9.4	0.7	64	12.0	0.9	64	11.6	0.9	64	
EAA_RES_S	LKRSN2												2.8	0.3	78	3.0	0.3	78	3.8	0.4	78	



Segment	Term	95Base			50Base			ALT-A			ALT-B			ALT-C			ALT-D			A-D13R		
		Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb
STA-2	ST2BYP	21.1	2.6	99	4.4	0.5	99	7.9	1.0	99	7.8	1.0	99	7.6	0.9	99	7.8	1.0	99	7.8	1.0	99
STA-2	ST2OT1	232.7	12.8	44	216.7	11.0	41	223.7	11.5	42	230.9	12.2	43	232.6	12.3	43	201.8	9.8	39	201.8	9.8	39
STA-2	TOTAL	253.8	15.3	49	221.0	11.5	42	231.6	12.5	44	238.7	13.1	45	240.2	13.3	45	209.6	10.7	41	209.6	10.7	41
S5A/L101	RUNS5A1	162.9	32.6	162	168.6	33.7	162	167.8	33.6	162	168.7	33.7	162	181.0	36.2	162	181.0	36.2	162	181.0	36.2	162
S5A/L101	352RG	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122
S5A/L101	WLC352	18.9	2.8	122	3.7	0.6	122	1.6	0.2	122	1.0	0.2	122	1.8	0.3	122	2.3	0.3	122	2.3	0.3	122
S5A/L101	FLIMPW	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122
S5A/L101	TOTAL S5A1	181.8	35.4	158	172.3	34.3	161	169.4	33.8	162	169.7	33.9	162	182.8	36.5	162	183.3	36.5	162	183.3	36.5	162
S5A/L101	WLC352	18.9	2.8	122	3.7	0.6	122	1.6	0.2	122	1.0	0.2	122	1.8	0.3	122	2.3	0.3	122	2.3	0.3	122
S5A/L101	ST1BYP	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162
S5A/L101	ST1W11	160.8	32.2	162	166.2	33.2	162	165.5	33.1	162	166.3	33.2	162	178.5	35.7	162	178.5	35.7	162	178.5	35.7	162
S5A/L101	ST1E11	2.3	0.4	162	2.4	0.5	162	2.4	0.5	162	2.4	0.5	162	2.1	0.4	162	2.1	0.4	162	2.1	0.4	162
S5A/L101	L8/S5AE	-0.2	0.0	0	0.1	0.0	162	0.0	0.0	162	0.1	0.0	162	0.4	0.1	162	0.4	0.1	162	0.4	0.1	162
S5A/L101	TOTALOUT	181.8	35.4	158	172.3	34.3	161	169.4	33.8	162	169.7	33.9	162	182.8	36.5	162	183.3	36.5	162	183.3	36.5	162
L8/S5Ae	from EAA	-0.2	0.0	0	0.1	0.0	162	0.0	0.0	162	0.1	0.0	162	0.4	0.1	162	0.4	0.1	162	0.4	0.1	162
L8/S5Ae	from Lake	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
Total	Total	-0.2	0.0	0	0.1	0.0	162	0.0	0.0	162	0.1	0.0	162	0.4	0.1	162	0.4	0.1	162	0.4	0.1	162
STA-1W In	from EAA	160.8	32.2	162	166.2	33.2	162	165.5	33.1	162	166.3	33.2	162	178.5	35.7	162	178.5	35.7	162	178.5	35.7	162
STA-1W In	from Lake	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
STA-1W In	Total	160.8	32.2	162	166.2	33.2	162	165.5	33.1	162	166.3	33.2	162	178.5	35.7	162	178.5	35.7	162	178.5	35.7	162
STA-1W	ST1W11	160.8	32.2	162	166.2	33.2	162	165.5	33.1	162	166.3	33.2	162	178.5	35.7	162	178.5	35.7	162	178.5	35.7	162
STA-1W	WSST1W	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
STA-1W	TOTALIN	160.8	32.2	162	166.2	33.2	162	165.5	33.1	162	166.3	33.2	162	178.5	35.7	162	178.5	35.7	162	178.5	35.7	162
STA-1W	ST1WQ1	162.2	8.7	43	167.4	9.2	45	166.8	9.2	45	167.5	9.3	45	179.6	10.9	49	179.6	10.8	49	179.6	10.8	49
STA-1W	TOTALOUT	162.2	8.7	43	167.4	9.2	45	166.8	9.2	45	167.5	9.3	45	179.6	10.9	49	179.6	10.8	49	179.6	10.8	49
STA-1W	NET	-1.4	23.5	119	-1.3	24.0	117	-1.3	23.9	117	-1.3	24.0	117	-1.1	24.8	113	-1.1	24.9	113	-1.1	24.9	113
STA-1W	ST1BYP	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162
STA-1W	ST1WQ1	162.2	8.7	43	167.4	9.2	45	166.8	9.2	45	167.5	9.3	45	179.6	10.9	49	179.6	10.8	49	179.6	10.8	49
STA-1W	TOTAL	162.2	8.7	43	167.4	9.2	45	166.8	9.2	45	167.5	9.3	45	179.6	10.9	49	179.6	10.8	49	179.6	10.8	49
STA-1E In	from EAA	2.3	0.4	162	2.4	0.5	162	2.4	0.5	162	2.4	0.5	162	2.1	0.4	162	2.1	0.4	162	2.1	0.4	162
STA-1E In	from Lake	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
STA-1E In	Total	2.3	0.4	162	2.4	0.5	162	2.4	0.5	162	2.4	0.5	162	2.1	0.4	162	2.1	0.4	162	2.1	0.4	162
STA-1E	S319	114.4	26.1	185	122.2	27.9	185	122.5	28.0	185	122.4	28.0	185	120.2	27.4	185	120.1	27.4	185	120.1	27.4	185
STA-1E	ST1E11	2.3	0.4	162	2.4	0.5	162	2.4	0.5	162	2.4	0.5	162	2.1	0.4	162	2.1	0.4	162	2.1	0.4	162
STA-1E	WSST1E	0.3	0.0	122	0.2	0.0	122	0.2	0.0	122	0.2	0.0	122	0.2	0.0	122	0.2	0.0	122	0.2	0.0	122
STA-1E	TOTALIN	116.9	26.6	184	124.7	28.4	184	125.0	28.5	184	125.0	28.5	184	122.5	27.9	184	122.4	27.9	184	122.4	27.9	184
STA-1E	ST1EQ1	122.4	6.4	42	130.4	7.4	46	130.7	7.5	46	130.7	7.5	46	127.8	7.1	45	127.8	7.1	45	127.8	7.1	45
STA-1E	S319WS	0.1	0.0	42	0.0	0.0	46	0.0	0.0	46	0.0	0.0	46	0.0	0.0	45	0.0	0.0	45	0.0	0.0	45
STA-1E	TOTALOUT	122.5	6.4	42	130.5	7.4	46	130.7	7.5	46	130.7	7.5	46	127.8	7.1	45	127.8	7.1	45	127.8	7.1	45
STA-1E	NET	-5.6	20.2	142	-5.7	21.0	138	-5.7	21.0	138	-5.7	21.0	138	-5.4	20.8	140	-5.4	20.8	140	-5.4	20.8	140
STA Inflows	STA-1E	116.9	26.6	184	124.7	28.4	184	125.0	28.5	184	125.0	28.5	184	122.5	27.9	184	122.4	27.9	184	122.4	27.9	184
STA Inflows	STA-1W	160.8	32.2	162	166.2	33.2	162	165.5	33.1	162	166.3	33.2	162	178.5	35.7	162	178.5	35.7	162	178.5	35.7	162
STA Inflows	STA-2	237.8	30.4	104	221.8	27.8	101	228.9	28.4	101	236.1	29.2	100	237.9	29.4	100	206.8	26.4	104	206.8	26.4	104
STA Inflows	STA-34	664.8	68.3	83	695.2	60.5	70	736.8	65.1	72	678.8	62.7	75	684.7	62.9	74	697.2	63.8	74	697.2	63.8	74
STA Inflows	STA-5	131.6	38.5	237	159.3	40.6	207	159.4	40.7	207	159.6	40.7	206	159.7	40.7	206	159.6	40.7	206	159.6	40.7	206
STA Inflows	STA-6	23.9	2.8	96	26.2	3.1	96	26.0	3.1	96	26.1	3.1	96	26.3	3.1	96	26.3	3.1	96	26.3	3.1	96
STA Inflows	Total	1335.8	198.8	121	1393.4	193.6	113	1441.5	198.8	112	1391.9	197.4	115	1409.5	199.7	115	1390.8	197.6	115	1390.8	197.6	115
STA Outflows	STA-1E	122.5	6.4	42	130.5	7.4	46	130.7	7.5	46	130.7	7.5	46	127.8	7.1	45	127.8	7.1	45	127.8	7.1	45
STA Outflows	STA-1W	162.2	8.7	43	167.4	9.2	45	166.8	9.2	45	167.5	9.3	45	179.6	10.9	49	179.6	10.8	49	179.6	10.8	49
STA Outflows	STA-2	232.7	12.8	44	216.7	11.0	41	223.7	11.5	42	230.9	12.2	43	232.6	12.3	43	201.8	9.8	39	201.8	9.8	39

Segment	Term	95Base			50Base			ALT-A			ALT-B			ALT-C			ALT-D			A-D13R		
		Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb
STA Outflows	STA-34				645.7	30.8	39	676.7	28.6	34	717.9	32.0	36	659.6	29.0	36	665.6	29.2	36	677.7	30.1	36
STA Outflows	STA-5				128.6	14.1	89	155.7	17.3	90	155.8	17.3	90	156.0	17.3	90	156.1	17.3	90	156.0	17.3	90
STA Outflows	STA-6				22.5	0.9	33	24.2	1.0	34	24.1	1.0	34	24.3	1.0	34	24.4	1.0	33	24.4	1.0	33
STA Outflows	Total				1314.0	73.7	45	1371.1	74.5	44	1418.9	78.5	45	1369.0	76.2	45	1386.0	77.9	46	1367.3	76.0	45
STA Bypass	STA-1E				0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162	0.0	0.0	162
STA Bypass	STA-1W				21.1	2.6	99	4.4	0.5	99	7.9	1.0	99	7.8	1.0	99	7.6	0.9	99	7.8	1.0	99
STA Bypass	STA-2				0.0	0.0	92	19.9	2.3	92	27.7	3.1	92	27.7	3.1	92	28.0	3.2	92	27.8	3.2	92
STA Bypass	STA-34				0.0	0.0	92	19.9	2.3	92	27.7	3.1	92	27.7	3.1	92	28.0	3.2	92	27.8	3.2	92
STA Bypass	STA-5				0.3	0.1	238	0.4	0.1	238	0.4	0.1	238	0.3	0.1	238	0.4	0.1	238	0.4	0.1	238
STA Bypass	STA-6				0.0	0.0	100	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100	0.0	0.0	100
STA Bypass	Total				21.4	2.7	101	24.6	2.9	95	36.0	4.2	95	35.8	4.2	95	36.0	4.2	95	35.9	4.2	95
Reduction	STA-1E				-5.6	20.2	142	-5.7	21.0	138	-5.7	21.0	138	-5.7	21.0	138	-5.4	20.8	140	-5.4	20.8	140
Reduction	STA-1W				-1.4	23.5	119	-1.3	24.0	117	-1.3	23.9	117	-1.3	24.0	117	-1.1	24.8	113	-1.1	24.9	113
Reduction	STA-2				5.1	17.7	59	5.2	16.8	60	5.2	16.9	59	5.3	17.0	57	5.3	17.1	57	5.0	16.7	64
Reduction	STA-34				19.1	37.5	45	18.5	31.9	36	18.8	33.1	35	19.2	33.8	39	19.1	33.7	39	19.5	33.7	38
Reduction	STA-5				3.0	24.4	148	3.6	23.4	117	3.6	23.3	117	3.6	23.3	116	3.6	23.3	116	3.6	23.3	116
Reduction	STA-6				1.5	1.9	63	2.0	2.1	62	1.9	2.1	62	1.8	2.1	63	1.9	2.1	63	1.9	2.1	63
Reduction	EAARES				0.0	0.0	0	40.4	12.5	15	39.4	12.1	15	20.6	8.3	13	22.3	8.8	13	23.0	9.0	13
Reduction	TOTAL				21.8	125.1		62.7	131.6		62.0	132.4		43.5	129.4		45.8	130.6		46.5	130.5	
Inflow+Byp.	STA-1E				116.9	26.6	184	124.7	28.4	184	125.0	28.5	184	125.0	28.5	184	122.5	27.9	184	122.4	27.9	184
Inflow+Byp.	STA-1W				160.8	32.2	162	166.2	33.2	162	165.5	33.1	162	166.3	33.2	162	178.5	35.7	162	178.5	35.7	162
Inflow+Byp.	STA-2				258.9	33.0	103	226.2	28.3	101	236.8	29.4	100	243.9	30.1	100	245.5	30.3	100	214.6	27.4	103
Inflow+Byp.	STA-34				664.8	68.3	83	715.1	62.7	71	764.4	68.2	72	706.5	65.9	76	712.7	66.1	75	724.9	66.9	75
Inflow+Byp.	STA-5				131.9	38.6	237	159.6	40.7	207	159.7	40.8	207	159.9	40.8	207	160.0	40.8	206	159.9	40.8	206
Inflow+Byp.	STA-6				23.9	2.8	96	26.2	3.1	96	26.0	3.1	96	26.1	3.1	96	26.3	3.1	96	26.3	3.1	96
Inflow+Byp.	Total				1357.2	201.5	120	1418.0	196.5	112	1477.4	203.0	111	1427.7	201.6	114	1445.4	203.9	114	1426.7	201.8	115
Outflow+Byp.	STA-1E				122.5	6.4	42	130.5	7.4	46	130.7	7.5	46	130.7	7.5	46	127.8	7.1	45	127.8	7.1	45
Outflow+Byp.	STA-1W				162.2	8.7	43	167.4	9.2	45	166.8	9.2	45	167.5	9.3	45	179.6	10.9	49	179.6	10.8	49
Outflow+Byp.	STA-2				253.8	15.3	49	221.0	11.5	42	231.6	12.5	44	238.7	13.1	45	240.2	13.3	45	209.6	10.7	41
Outflow+Byp.	STA-34				645.7	30.8	39	696.6	30.8	36	745.6	35.1	38	687.4	32.1	38	693.6	32.4	38	705.5	33.2	38
Outflow+Byp.	STA-5				128.9	14.2	89	156.0	17.4	90	156.1	17.4	90	156.3	17.4	90	156.4	17.5	90	156.3	17.4	90
Outflow+Byp.	STA-6				22.5	0.9	33	24.2	1.0	34	24.1	1.0	34	24.3	1.0	34	24.4	1.0	33	24.4	1.0	33
Outflow+Byp.	Total				1335.4	76.3	46	1395.7	77.4	45	1454.9	82.7	46	1404.8	80.4	46	1422.0	82.1	47	1403.2	80.3	46
Outflow+Byp.	Excl. STA5				1206.5	62.2	42	1239.7	60.0	39	1298.7	65.3	41	1248.5	63.0	41	1265.6	64.6	41	1246.9	62.8	41
S5A1	RUNS5A1	222.2	44.4	162	162.9	32.6	162	168.6	33.7	162	167.8	33.6	162	168.7	33.7	162	181.0	36.2	162	181.0	36.2	162
S5A1	WLC352	2.8	0.4	122	18.9	2.8	122	3.7	0.6	122	1.6	0.2	122	1.0	0.2	122	1.8	0.3	122	2.3	0.3	122
S5A1	352RG	25.1	3.8	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122
S5A1	FLIMPW	28.2	4.2	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122	0.0	0.0	122
S5A1	Total	278.3	52.9	154	181.8	35.4	158	172.3	34.3	161	169.4	33.8	162	169.7	33.9	162	182.8	36.5	162	183.3	36.5	162
S5A1	S5A1	278.3	52.9	154	181.8	35.4	158	172.3	34.3	161	169.4	33.8	162	169.7	33.9	162	182.8	36.5	162	183.3	36.5	162
S5A1	To East	14.6	2.8	154	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
S5A1	S5A2SO	263.7	50.1	154	181.8	35.4	158	172.3	34.3	161	169.4	33.8	162	169.7	33.9	162	182.8	36.5	162	183.3	36.5	162
S6	RUNS6	194.6	21.4	89																		
S6	RUNS62				213.9	26.1	99	183.3	22.4	99	182.3	22.3	99	183.0	22.4	99	186.7	22.8	99	186.6	22.8	99
S6	FLIMPW	23.2	2.2	78	11.1	1.1	78	27.9	2.7	78	36.0	3.5	78	42.4	4.1	78	40.4	3.9	78	9.4	0.9	78
S6	HLSBRG	21.6	2.1	78	0.0	0.0	78	0.0	0.0	78	0.0	0.0	78	0.0	0.0	78	0.0	0.0	78	0.0	0.0	78
S6	298ST2				12.9	3.2	204	10.6	2.7	204	10.5	2.7	204	10.8	2.7	204	10.7	2.7	204	10.8	2.7	204
S6	WL2351	0.5	0.0	78																		
S6	Total	239.9	25.7	87	237.8	30.4	104	221.8	27.8	101	228.9	28.4	101	236.1	29.2	100	237.9	29.4	100	206.8	26.4	104
S6	S6	239.9	25.7	87	237.8	30.4	104	221.8	27.8	101	228.9	28.4	101	236.1	29.2	100	237.9	29.4	100	206.8	26.4	104
S7	RUNS7	224.3	22.7	82																		
S7	NNRCRG	9.7	0.9	78																		
S7	FLIMPW	49.3	4.8	78																		
S7	WL1351	3.9	0.4	78	10.9	1.0	78	11.2	1.1	78	19.3	1.9	78	20.0	1.9	78	19.9	1.9	78	23.6	2.3	78
S7	ST3TS7				38.3	1.8	39	35.9	1.5	34	49.6	2.2	36	44.4	1.9	36	46.4	2.0	36	44.4	2.0	36
S7	WLES7				0.2	0.0	92	0.4	0.0	92	1.2	0.1	92	1.3	0.1	92	1.3	0.1	92	1.6	0.2	92
S7	S7BPMR				0.0	0.0	92	17.9	2.0	92	25.6	2.9	92	25.9	2.9	92	26.1	3.0	92	25.9	2.9	92







Water & Mass Balances

BMP Performance: 51% (1995-1997)

1965-1995

07/16/98

Segment	Term	95Base			50Base			ALT-A			ALT-B			ALT-C			ALT-D			A-D13R		
		Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb
WCA+RT+HL	Total	1353.7	188.4	113	1491.9	89.9	49	1516.2	87.1	47	1580.0	93.5	48	1526.8	90.9	48	1522.1	90.6	48	1510.6	89.5	48
WCA+RT+HL	Excl STA-5	1222.7	149.9	99	1363.1	75.7	45	1360.2	69.7	42	1423.9	76.1	43	1370.4	73.5	43	1365.7	73.1	43	1354.2	72.0	43
WCA+RT+HL	EFA Sources	1282.7	183.0	116	1334.2	76.3	46	1394.2	77.3	45	1453.4	82.6	46	1403.3	80.4	46	1420.4	82.0	47	1401.7	80.2	46
Lake -> STA's	STA-1E				0.3	0.0	122	0.2	0.0	122	0.2	0.0	122	0.2	0.0	122	0.2	0.0	122	0.2	0.0	122
Lake -> STA's	STA-1W				0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
Lake -> STA's	STA-2				11.1	1.1	78	27.9	2.7	78	36.0	3.5	78	42.4	4.1	78	40.4	3.9	78	9.4	0.9	78
Lake -> STA's	STA-34/Res				261.0	21.4	67	506.3	41.4	66	545.6	45.4	67	471.2	39.3	68	479.1	40.0	68	491.0	40.9	68
Lake -> STA's	STA-5				0.9	0.1	64	28.7	2.3	64	28.8	2.3	64	29.0	2.3	64	29.1	2.3	64	29.0	2.3	64
Lake -> STA's	STA-6				2.4	0.2	64	2.9	0.2	64	2.8	0.2	64	2.8	0.2	64	3.0	0.2	64	3.0	0.2	64
Lake -> STA's	Total				275.6	22.8	67	566.0	46.6	67	613.4	51.4	68	545.5	45.9	68	551.7	46.4	68	532.5	44.4	68
EAA->STA's	STA-1E				2.3	0.4	81	2.4	0.5	81	2.4	0.5	81	2.4	0.5	81	2.1	0.4	81	2.1	0.4	81
EAA->STA's	STA-1W				160.8	32.2	81	166.2	33.2	81	165.5	33.1	81	166.3	33.2	81	178.5	35.7	81	178.5	35.7	81
EAA->STA's	STA-2				235.0	28.7	99	187.7	22.9	99	190.3	23.3	99	190.8	23.3	99	194.3	23.7	99	194.4	23.8	99
EAA->STA's	STA-34/Res				383.9	43.6	184	370.9	42.1	184	375.5	42.6	184	376.8	42.8	184	378.1	42.9	184	377.8	42.9	184
EAA->STA's	STA-5				0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
EAA->STA's	STA-6				21.6	2.7	100	23.3	2.9	100	23.2	2.9	100	23.3	2.9	100	23.3	2.9	100	23.4	2.9	100
EAA->STA's	Total				803.5	107.6	108	750.4	101.6	110	756.8	102.3	110	759.4	102.7	110	776.3	105.7	110	776.2	105.7	110
C139-> STA's	STA-34/Res				11.7	2.0	141	12.7	2.2	141	13.2	2.3	141	12.7	2.2	141	12.7	2.2	141	12.7	2.2	141
C139-> STA's	STA-5				131.0	38.5	238	131.0	38.5	238	131.0	38.5	238	131.0	38.5	238	131.0	38.5	238	131.0	38.5	238
C139-> STA's	STA-6				0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
C139-> STA's	Total				142.7	40.5	230	143.7	40.7	229	144.1	40.8	229	143.7	40.7	229	143.7	40.7	229	143.7	40.7	229
C51W-> STA's	STA-1E				114.4	26.1	185	122.2	27.9	185	122.5	28.0	185	122.4	28.0	185	120.2	27.4	185	120.1	27.4	185
C51W-> STA's	STA-1W				0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
C51W-> STA's	Total				114.4	26.1	185	122.2	27.9	185	122.5	28.0	185	122.4	28.0	185	120.2	27.4	185	120.1	27.4	185
298 --> STA's	STA-2				12.9	3.2	204	10.6	2.7	204	10.5	2.7	204	10.8	2.7	204	10.7	2.7	204	10.8	2.7	204
298 --> STA's	STA-34				8.2	1.2	121	11.2	1.7	121	13.7	2.0	121	13.2	2.0	120	13.3	2.0	120	13.3	2.0	120
298 --> STA's	Total				21.1	4.5	172	21.8	4.3	161	24.2	4.7	157	24.0	4.7	158	24.0	4.7	158	24.1	4.7	158
STA Inflows+Byp	Lake	226.6	23.5	84	275.6	22.8	67	566.0	46.6	67	613.4	51.4	68	545.5	45.9	68	551.7	46.4	68	532.5	44.4	68
STA Inflows+Byp	EAA	881.6	116.3	107	803.5	107.6	108	750.4	101.6	110	756.8	102.3	110	759.4	102.7	110	776.3	105.7	110	776.2	105.7	110
STA Inflows+Byp	C139	147.2	41.3	227	142.7	40.5	230	143.7	40.7	229	144.1	40.8	229	143.7	40.7	229	143.7	40.7	229	143.7	40.7	229
STA Inflows+Byp	C51W	0.0	0.0	0	114.4	26.1	185	122.2	27.9	185	122.5	28.0	185	122.4	28.0	185	120.2	27.4	185	120.1	27.4	185
STA Inflows+Byp	298	0.0	0.0	0	21.1	4.5	172	21.8	4.3	161	24.2	4.7	157	24.0	4.7	158	24.0	4.7	158	24.1	4.7	158
STA Inflows+Byp	Total	1255.4	181.1	117	1357.2	201.5	120	1604.0	221.2	112	1660.9	227.1	111	1595.1	222.0	113	1615.9	224.9	113	1596.6	222.9	113
STA Inflows+Byp	STA-1E				116.9	26.6	184	124.7	28.4	184	125.0	28.5	184	125.0	28.5	184	122.5	27.9	184	122.4	27.9	184
STA Inflows+Byp	STA-1W				160.8	32.2	162	166.2	33.2	162	165.5	33.1	162	166.3	33.2	162	178.5	35.7	162	178.5	35.7	162
STA Inflows+Byp	STA-2				258.9	33.0	103	226.2	28.3	101	236.8	29.4	100	243.9	30.1	100	245.5	30.3	100	214.6	27.4	103
STA Inflows+Byp	STA-34				664.8	68.3	83	901.1	87.4	79	947.9	92.4	79	873.9	86.3	80	883.1	87.1	80	894.8	88.0	80
STA Inflows+Byp	STA-5				131.9	38.6	237	159.6	40.7	207	159.7	40.8	207	159.9	40.8	207	160.0	40.8	206	159.9	40.8	206
STA Inflows+Byp	STA-6				23.9	2.8	96	26.2	3.1	96	26.0	3.1	96	26.1	3.1	96	26.3	3.1	96	26.3	3.1	96
STA Inflows+Byp	Total				1357.2	201.5	120	1604.0	221.2	112	1660.9	227.1	111	1595.0	222.0	113	1615.9	224.9	113	1596.5	222.9	113
STA Inflows+Byp	Error				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STA Outf+Byp	WCA-1	500.3	75.2	122	284.6	15.1	43	297.9	16.7	45	297.4	16.7	45	298.2	16.7	45	307.4	17.9	47	307.4	17.9	47
STA Outf+Byp	WCA-2A	283.4	28.4	81	292.1	17.2	48	274.8	15.0	44	306.7	17.6	47	308.9	18.0	47	312.7	18.3	47	279.9	15.6	45
STA Outf+Byp	WCA-3A	457.1	75.8	134	628.7	29.9	39	662.9	28.1	34	690.9	30.9	36	637.4	28.1	36	641.3	28.2	36	655.4	29.1	36
STA Outf+Byp	EAA	0.0	0.0	0	0.0	0.0	0	145.6	12.1	68	144.1	12.0	67	146.7	12.1	67	148.1	12.2	67	146.9	12.1	67
STA Outf+Byp	Rotenb.	0.0	0.0	0	128.9	14.2	89	156.0	17.4	90	156.1	17.4	90	156.3	17.4	90	156.4	17.5	90	156.3	17.4	90
STA Outf+Byp	Holeyland	14.6	1.7	92	0.0	0.0	0	2.6	0.1	34	2.3	0.1	36	2.5	0.1	36	2.6	0.1	36	2.7	0.1	36
STA Outf+Byp	Seminoles	0.0	0.0	0	1.1	0.0	33	1.5	0.1	34	1.4	0.1	34	1.5	0.1	34	1.5	0.1	33	1.5	0.1	33
STA Outf+Byp	C51W	0.0	0.0	0	0.1	0.0	42	0.0	0.0	46	0.0	0.0	46	0.0	0.0	46	0.0	0.0	45	0.0	0.0	45
STA Outf+Byp	Total	1255.4	181.1	117	1335.4	76.3	46	1541.3	89.5	47	1599.0	94.7	48	1551.6	92.5	48	1570.0	94.3	49	1550.0	92.4	48
STA Outf+Byp	STA-1E				122.5	6.4	42	130.5	7.4	46	130.7	7.5	46	130.7	7.5	46	127.8	7.1	45	127.8	7.1	45
STA Outf+Byp	STA-1W				162.2	8.7	43	167.4	9.2	45	166.8	9.2	45	167.5	9.3	45	179.6	10.9	49	179.6	10.8	49
STA Outf+Byp	STA-2				253.8	15.3	49	221.0	11.5	42	231.6	12.5	44	238.7	13.1	45	240.2	13.3	45	209.6	10.7	41

**Water & Mass Balances**

BMP Performance: 51% (1995-1997)

1965-1995

07/16/98

Segment	Term	95Base			50Base			ALT-A			ALT-B			ALT-C			ALT-D			A-D13R		
		Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb	Flow kac/yr	Load mt/yr	Conc ppb
STA Outf+Byp	STA-34				645.7	30.8	39	696.6	30.8	36	745.6	35.1	38	687.4	32.1	38	693.6	32.4	38	705.5	33.2	38
STA Outf+Byp	STA-5				128.9	14.2	89	156.0	17.4	90	156.1	17.4	90	156.3	17.4	90	156.4	17.5	90	156.3	17.4	90
STA Outf+Byp	STA-6				22.5	0.9	33	24.2	1.0	34	24.1	1.0	34	24.3	1.0	34	24.4	1.0	33	24.4	1.0	33
STA Outf+Byp	Res->EAA				0.0	0.0	0	145.6	12.1	68	144.1	12.0	67	146.7	12.1	67	148.1	12.2	67	146.9	12.1	67
STA Outf+Byp	Total				1335.4	76.3	46	1541.3	89.5	47	1599.0	94.7	48	1551.6	92.5	48	1570.0	94.3	49	1550.0	92.4	48