

**Appendix 4C-1: Summary of SAV
Mesocosm Research Located at
STA-1W North and South
Supplemental Technology Site
(TP Means Presented are
Arithmetic Means)**

Experiment	Scale (L:W:D)	HLR (cm/d)	HRT (d)	Depth (cm)	Mean inflow (µg/L)	Mean outflow (µg/L)	Rep. (N)	Project Description
Substrate Experiments								
LR	1.22:0.61:0.61	7.5	3.4	60	20	14	2	3-tanks in sequence
Muck	1.22:0.61:0.61	7.5	3.4	60	20	14	2	period: 5/00-1/01
Sand	1.22:0.61:0.61	7.5	8.0	60	20	19	2	
Sequential Systems Experiments								
Tank 1	4.7:0.8:1.0	22.22	3.6	80	112	69	2	2-tanks in sequence
Tank 2	4.7:0.8:1.0	22.22	1.8	40	69	27	2	period: 11/98-12/01
SAV vs Cattail Experiments								
SAV tanks	2.3:0.8:1.0	10	3.6	40	100	24	1-2	Period: 12/98-5/01
Cattail tanks	2.3:0.8:1.0	10	3.6	40	100	51	2	
Pulse loading Experiments								
Low	4.7:0.8:1.0	0-35.2 (12.5)	6.1	76	109	33	2	Mean value in parenthesis; Period: 2/00-11/00
Medium	4.7:0.8:1.0	0-88 (25.1)	3.0	76	109	46	2	
High	4.7:0.8:1.0	0-220 (62.7)	1.2	76	109	68	2	
HRT Experiments								
High	4.7:0.8:1.0	50.67	1.5	76	97	40	1-3	Period: 6/98-5/01
Medium	4.7:0.8:1.0	21.71	3.5	76	97	31	1-3	
Low	4.7:0.8:1.0	10.86	7.0	76	97	25	1-3	
Depth Experiments								
Low	4.7:0.8:1.0	10	4.0	40	99	13	3	Period: 11/98-3/99
Medium	4.7:0.8:1.0	10	8.1	80	108	17	3	
High	4.7:0.8:1.0	10	12.1	120	109	19	3	