

**APPENDIX D**  
**SUMMARY STATISTICS AT EACH SAMPLE POINT FOR**  
**TOTAL SUSPENDED SOLIDS**



Listing 8-1: Summary Statistics for TSS Daily Values (mg/L)

----- Subcategory=Combined -- Option=A -- Configuration=2A+6A+7A Continuous A -----												
Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
ALL	ALL		134.45	11	1	293.84	38.00	147.50	6.00	1010.00	4.00	4.00
6439A	SP-4	WARM	281.60	5	0	407.46	110.00	281.60	84.00	1010.00		
6460C	SP-9	COLD	38.00	1	0		38.00	38.00	38.00	38.00		
6495A	SP-11	COLD	6.60	5	1	1.67	7.00	7.25	6.00	8.00	4.00	4.00
----- Subcategory=Combined -- Option=B -- Configuration=2B+6B+7B Continuous B -----												
Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
ALL	ALL		29.80	713	13	20.93	25.30	30.32	2.00	98.00	2.00	2.00
6297A	SP8+9	COLD	57.80	5	0	12.34	60.00	57.80	44.00	70.00		
6297B	SP-11	COLD	69.60	5	0	8.41	72.00	69.60	56.00	78.00		
6297C	SP13+14	COLD	11.12	5	0	2.39	11.00	11.12	8.40	14.80		
6439B	SP9+11	WARM	46.60	5	0	12.07	46.50	46.60	28.50	61.00		
DMR06	SP-1	COLD	17.99	12	1	19.09	12.20	19.44	2.17	66.70	2.00	2.00
DMR10	SP-1	COLD	79.00	2	0	0.42	79.00	79.00	78.70	79.30		
DMR12A	SP-1	COLD	12.89	49	3	11.63	10.40	13.60	2.01	49.00	2.00	2.00
DMR12B	SP-2	COLD	14.81	49	1	12.21	11.90	15.08	2.10	68.50	2.00	2.00
DMR15	SP-1	COLD	14.07	43	0	10.85	10.00	14.07	2.20	43.00		
DMR18	SP-1	COLD	2.00	1	1		2.00				2.00	2.00
DMR21A	SP-1	COLD	52.61	48	0	14.11	52.00	52.61	23.00	82.00		
DMR21B	SP-2	COLD	49.05	48	0	13.87	47.50	49.05	22.00	84.00		
DMR21C	SP-3	COLD	11.68	48	1	6.59	11.40	11.89	2.00	28.00	2.00	2.00
DMR25A	SP-1	COLD	34.75	48	0	14.78	33.00	34.75	7.20	64.00		
DMR25B	SP-2	COLD	42.89	48	0	12.69	42.50	42.89	15.30	73.00		
DMR28	SP-1	COLD	16.56	48	0	10.60	13.60	16.56	2.34	55.20		
DMR31	SP-1	COLD	34.08	43	0	22.74	28.00	34.08	5.40	91.00		
DMR32	SP-1	COLD	12.00	1	0		12.00	12.00	12.00	12.00		
DMR34	SP-1	COLD	41.44	20	0	24.14	35.15	41.44	9.15	92.80		
DMR37	SP-1	COLD	24.19	48	0	8.82	22.55	24.19	10.80	55.00		
DMR38	SP-1	COLD	26.67	11	0	18.04	24.40	26.67	5.52	56.60		
DMR49	SP-1	COLD	20.14	20	0	10.47	16.75	20.14	5.72	49.00		
DMR54A	SP-1	COLD	29.02	48	0	12.63	29.00	29.02	3.60	63.00		
DMR54B	SP-2	COLD	49.96	49	0	23.47	46.00	49.96	3.80	98.00		
DMR59	SP-1	COLD	2.20	9	6	0.49	2.00	2.59	2.00	3.48	2.00	2.00

Listing 8-1: Summary Statistics for TSS Daily Values (mg/L)

----- Subcategory=Flow-through -- Option=A -- Configuration=2A OLSB A -----												
Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
ALL	ALL		11.83	6	1	12.91	7.50	13.40	6.00	38.00	4.00	4.00
6460C	SP-9	COLD	38.00	1	0		38.00	38.00	38.00	38.00		
6495A	SP-11	COLD	6.60	5	1	1.67	7.00	7.25	6.00	8.00	4.00	4.00
----- Subcategory=Flow-through -- Option=A -- Configuration=3A Raceway A -----												
Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
ALL	ALL		4.00	5	5	0.00	4.00				4.00	4.00
6460B	SP-7	COLD	4.00	5	5	0.00	4.00				4.00	4.00
----- Subcategory=Flow-through -- Option=A -- Configuration=4A Combined A -----												
Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
ALL	ALL		3.06	107	4	3.35	2.40	3.03	0.00	31.68	4.00	4.00
6460A	SP7,SP9	COLD	9.54	5	4	12.38	4.00	31.68	31.68	31.68	4.00	4.00
DMR01	SP-1	COLD	1.79	19	0	1.08	1.00	1.79	1.00	5.00		
DMR03	SP-1	COLD	3.69	37	0	1.25	3.50	3.69	1.70	7.00		
DMR04	SP-1	COLD	2.70	34	0	2.07	1.80	2.70	0.60	9.60		
DMR61	SP-1	UNK	1.50	12	0	2.54	0.00	1.50	0.00	6.00		
----- Subcategory=Flow-through -- Option=B -- Configuration=2B OLSB B -----												
Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
ALL	ALL		29.69	708	13	20.93	25.00	30.20	2.00	98.00	2.00	2.00
6297A	SP8+9	COLD	57.80	5	0	12.34	60.00	57.80	44.00	70.00		
6297B	SP-11	COLD	69.60	5	0	8.41	72.00	69.60	56.00	78.00		
6297C	SP13+14	COLD	11.12	5	0	2.39	11.00	11.12	8.40	14.80		
DMR06	SP-1	COLD	17.99	12	1	19.09	12.20	19.44	2.17	66.70	2.00	2.00
DMR10	SP-1	COLD	79.00	2	0	0.42	79.00	79.00	78.70	79.30		
DMR12A	SP-1	COLD	12.89	49	3	11.63	10.40	13.60	2.01	49.00	2.00	2.00
DMR12B	SP-2	COLD	14.81	49	1	12.21	11.90	15.08	2.10	68.50	2.00	2.00
DMR15	SP-1	COLD	14.07	43	0	10.85	10.00	14.07	2.20	43.00		

Listing 8-1: Summary Statistics for TSS Daily Values (mg/L)

----- Subcategory=Flow-through -- Option=B -- Configuration=2B OLSB B -----  
 (continued)

Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
DMR18	SP-1	COLD	2.00	1	1		2.00				2.00	2.00
DMR21A	SP-1	COLD	52.61	48	0	14.11	52.00	52.61	23.00	82.00		
DMR21B	SP-2	COLD	49.05	48	0	13.87	47.50	49.05	22.00	84.00		
DMR21C	SP-3	COLD	11.68	48	1	6.59	11.40	11.89	2.00	28.00	2.00	2.00
DMR25A	SP-1	COLD	34.75	48	0	14.78	33.00	34.75	7.20	64.00		
DMR25B	SP-2	COLD	42.89	48	0	12.69	42.50	42.89	15.30	73.00		
DMR28	SP-1	COLD	16.56	48	0	10.60	13.60	16.56	2.34	55.20		
DMR31	SP-1	COLD	34.08	43	0	22.74	28.00	34.08	5.40	91.00		
DMR32	SP-1	COLD	12.00	1	0		12.00	12.00	12.00	12.00		
DMR34	SP-1	COLD	41.44	20	0	24.14	35.15	41.44	9.15	92.80		
DMR37	SP-1	COLD	24.19	48	0	8.82	22.55	24.19	10.80	55.00		
DMR38	SP-1	COLD	26.67	11	0	18.04	24.40	26.67	5.52	56.60		
DMR49	SP-1	COLD	20.14	20	0	10.47	16.75	20.14	5.72	49.00		
DMR54A	SP-1	COLD	29.02	48	0	12.63	29.00	29.02	3.60	63.00		
DMR54B	SP-2	COLD	49.96	49	0	23.47	46.00	49.96	3.80	98.00		
DMR59	SP-1	COLD	2.20	9	6	0.49	2.00	2.59	2.00	3.48	2.00	2.00

----- Subcategory=Flow-through -- Option=B -- Configuration=3B Raceway B -----

Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
ALL	ALL		2.39	688	417	1.23	2.00	3.09	0.40	10.00	1.00	4.00
6297E	SP5+6	COLD	4.00	5	5	0.00	4.00				4.00	4.00
6297F	SP2+3	COLD	4.10	5	4	0.22	4.00	4.50	4.50	4.50	4.00	4.00
DMR05	SP-1	COLD	2.00	3	3	0.00	2.00				2.00	2.00
DMR06	SP-1	COLD	2.06	12	11	0.20	2.00	2.70	2.70	2.70	2.00	2.00
DMR07	SP-1	COLD	2.50	2	1	0.71	2.50	3.00	3.00	3.00	2.00	2.00
DMR08	SP-1	COLD	3.04	9	5	1.82	2.00	4.35	3.00	7.60	2.00	2.00
DMR09	SP-1	COLD	2.00	1	1		2.00				2.00	2.00
DMR10	SP-1	COLD	2.43	16	6	0.54	2.20	2.68	2.00	3.60	2.00	2.00
DMR12A	SP-1	COLD	2.04	49	43	0.14	2.00	2.33	2.10	2.70	2.00	2.00
DMR13	SP-1	COLD	1.90	2	0	0.99	1.90	1.90	1.20	2.60		
DMR15	SP-1	COLD	2.85	39	17	1.38	2.20	3.50	2.00	7.70	2.00	2.00
DMR17	SP-1	COLD	2.20	1	0		2.20	2.20	2.20	2.20		
DMR18	SP-1	COLD	2.98	11	7	2.01	2.00	4.70	2.40	8.00	2.00	2.00
DMR19	SP-1	COLD	0.63	4	0	0.17	0.65	0.63	0.40	0.80		
DMR20	SP-1	COLD	3.23	4	1	1.90	3.45	3.97	2.30	5.00	1.00	1.00
DMR21A	SP-1	COLD	2.36	48	9	0.41	2.30	2.45	2.00	4.30	2.00	2.00
DMR23	SP-1	COLD	2.08	9	7	0.17	2.00	2.35	2.20	2.50	2.00	2.00
DMR25A	SP-1	COLD	2.14	48	27	0.26	2.00	2.33	2.00	2.90	2.00	2.00

Listing 8-1: Summary Statistics for TSS Daily Values (mg/L)

----- Subcategory=Flow-through -- Option=B -- Configuration=3B Raceway B -----  
 (continued)

Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
DMR26	SP-1	WARM	6.99	11	0	1.74	7.00	6.99	5.00	10.00		
DMR27	SP-1	COLD	2.00	2	2	0.00	2.00				2.00	2.00
DMR28	SP-1	COLD	2.21	44	27	0.43	2.00	2.54	2.00	4.30	2.00	2.00
DMR29	SP-1	WARM	6.00	3	0	1.00	6.00	6.00	5.00	7.00		
DMR30	SP-1	COLD	7.50	2	0	0.71	7.50	7.50	7.00	8.00		
DMR31	SP-1	COLD	2.06	44	36	0.19	2.00	2.33	2.00	3.00	2.00	2.00
DMR32	SP-1	COLD	1.00	1	1		1.00				1.00	1.00
DMR34	SP-1	COLD	2.00	7	7	0.00	2.00				2.00	2.00
DMR35	SP-1	COLD	2.10	2	1	0.14	2.10	2.20	2.20	2.20	2.00	2.00
DMR36	SP-1	COLD	7.40	4	0	2.14	7.10	7.40	5.60	9.80		
DMR37	SP-1	COLD	2.28	48	11	0.33	2.20	2.37	2.00	3.30	2.00	2.00
DMR38	SP-1	COLD	2.25	12	9	0.51	2.00	3.00	2.60	3.60	2.00	2.00
DMR39	SP-1	COLD	2.00	4	4	0.00	2.00				2.00	2.00
DMR42	SP-1	COLD	2.00	3	3	0.00	2.00				2.00	2.00
DMR43	SP-1	COLD	5.10	2	0	2.83	5.10	5.10	3.10	7.10		
DMR44	SP-1	COLD	1.40	1	0		1.40	1.40	1.40	1.40		
DMR46	SP-1	COLD	1.40	4	3	0.49	1.30	1.60	1.60	1.60	1.00	2.00
DMR47	SP-1	COLD	4.00	2	1	2.83	4.00	6.00	6.00	6.00	2.00	2.00
DMR48	SP-1	COLD	2.85	12	7	1.48	2.00	4.04	2.40	6.00	2.00	2.00
DMR49	SP-1	COLD	2.01	43	42	0.06	2.00	2.40	2.40	2.40	2.00	2.00
DMR50	SP-1	COLD	1.28	40	35	0.45	1.00	2.00	2.00	2.00	1.00	2.00
DMR51	SP-1	COLD	2.00	7	7	0.00	2.00				2.00	2.00
DMR53	SP-1	COLD	2.88	48	15	1.75	2.50	3.64	2.00	8.00	1.00	2.00
DMR54A	SP-1	COLD	2.03	48	41	0.09	2.00	2.19	2.00	2.50	2.00	2.00
DMR57	SP-1	COLD	2.00	4	0	0.56	2.15	2.00	1.20	2.50		
DMR58	SP-1	COLD	1.50	1	0		1.50	1.50	1.50	1.50		
DMR59	SP-1	COLD	2.00	8	8	0.00	2.00				2.00	2.00
DMR60	SP-1	COLD	2.16	9	7	0.37	2.00	2.70	2.30	3.10	2.00	2.00
DMR62	SP-1	COLD	2.05	4	3	0.10	2.00	2.20	2.20	2.20	2.00	2.00

----- Subcategory=Flow-through -- Option=B -- Configuration=4B Combined B -----

Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
ALL	ALL		4.27	25	19	0.30	4.07	4.54	4.40	4.65	4.00	4.73
6297G	SP8+9,SP5+6	COLD	4.53	5	0	0.12	4.55	4.53	4.40	4.65		
6297H	SP11,SP5+6	COLD	4.65	5	5	0.08	4.67				4.51	4.73
6297I	SP13+14,SP2+3	COLD	4.17	5	4	0.24	4.07	4.60	4.60	4.60	4.04	4.08
6460D	SP10+11	COLD	4.00	5	5	0.00	4.00				4.00	4.00
6495B	SP13+14	COLD	4.00	5	5	0.00	4.00				4.00	4.00

D-4

Appendix D: Summary Statistics at Each Sample Point for Total Suspended Solids

Listing 8-1: Summary Statistics for TSS Daily Values (mg/L)

----- -- Subcategory=Recirculating -- Option=A -- Configuration=6A RAS Solids A -----												
Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
ALL	ALL		281.60	5	0	407.46	110.00	281.60	84.00	1010.00		
6439A	SP-4	WARM	281.60	5	0	407.46	110.00	281.60	84.00	1010.00		
----- -- Subcategory=Recirculating -- Option=B -- Configuration=6B RAS Solids B -----												
Episode	Sample Point	Warm or Cold	Episode Mean	Total Number Values	Number of ND	Obs Std Dev	Obs Median Value	Mean Value NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND
ALL	ALL		46.60	5	0	12.07	46.50	46.60	28.50	61.00		
6439B	SP9+11	WARM	46.60	5	0	12.07	46.50	46.60	28.50	61.00		

Listing 8-2: Episode Long-Term Averages (mg/L) and Variability Factors for TSS  
(with 3-significant digits)

----- Subcategory=Combined -- Option=A -- Configuration=2A+6A+7A Continuous A -----												
Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6439A	SP-4	WARM	5	0	5.05	1.05	282.0	273.0	388.0	6.65	2.33	Y
6460C	SP-9	COLD	1	0	.	.	38.0	38.0	.	.	.	
6495A	SP-11	COLD	5	1	1.97	0.14	6.60	6.61	1.58	1.48	1.21	
----- Subcategory=Combined -- Option=B -- Configuration=2B+6B+7B Continuous B -----												
Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6297A	SP8+9	COLD	5	0	4.04	0.22	57.8	58.1	13.0	1.63	1.19	
6297B	SP-11	COLD	5	0	4.24	0.13	69.6	69.7	8.96	1.34	1.11	
6297C	SP13+14	COLD	5	0	2.39	0.21	11.1	11.2	2.37	1.59	1.18	
6439B	SP9+11	WARM	5	0	3.81	0.29	46.6	47.1	13.8	1.87	1.26	Y
DMR06	SP-1	COLD	12	1	2.52	1.04	18.0	19.8	29.0	6.83	2.37	
DMR10	SP-1	COLD	2	0	.	.	79.0	79.0	0.424	.	.	
DMR12A	SP-1	COLD	49	3	2.27	0.86	12.9	13.3	14.6	5.31	2.04	
DMR12B	SP-2	COLD	49	1	2.45	0.73	14.8	14.9	12.8	4.25	1.81	
DMR15	SP-1	COLD	43	0	2.33	0.84	14.1	14.6	14.8	4.96	1.96	
DMR18	SP-1	COLD	1	1	.	.	2.00	2.00	.	.	.	
DMR21A	SP-1	COLD	48	0	3.92	0.29	52.6	52.8	15.6	1.88	1.26	
DMR21B	SP-2	COLD	48	0	3.85	0.29	49.1	49.1	14.4	1.87	1.26	
DMR21C	SP-3	COLD	48	1	2.29	0.68	11.7	12.2	9.48	3.89	1.73	
DMR25A	SP-1	COLD	48	0	3.45	0.48	34.7	35.3	18.1	2.74	1.47	
DMR25B	SP-2	COLD	48	0	3.71	0.31	42.9	43.1	13.9	1.98	1.28	
DMR28	SP-1	COLD	48	0	2.62	0.65	16.6	17.0	12.4	3.70	1.68	
DMR31	SP-1	COLD	43	0	3.29	0.74	34.1	35.3	30.2	4.26	1.80	
DMR32	SP-1	COLD	1	0	.	.	12.0	12.0	.	.	.	
DMR34	SP-1	COLD	20	0	3.55	0.64	41.4	42.5	30.1	3.60	1.66	
DMR37	SP-1	COLD	48	0	3.13	0.33	24.2	24.2	8.26	2.05	1.30	
DMR38	SP-1	COLD	11	0	3.03	0.79	26.7	28.4	26.7	4.63	1.89	
DMR49	SP-1	COLD	20	0	2.88	0.52	20.1	20.4	11.5	2.95	1.52	
DMR54A	SP-1	COLD	48	0	3.24	0.57	29.0	30.2	18.8	3.22	1.57	
DMR54B	SP-2	COLD	49	0	3.77	0.60	50.0	52.0	34.1	3.36	1.61	
DMR59	SP-1	COLD	9	6	0.92	0.29	2.20	2.21	0.535	1.96	1.22	

Y in the Excluded column means that the data were not used for Listing 8-3



Listing 8-2: Episode Long-Term Averages (mg/L) and Variability Factors for TSS  
(with 3-significant digits)

----- Subcategory=Flow-through -- Option=A -- Configuration=2A OLSB A -----												
Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6460C	SP-9	COLD	1	0	.	.	38.0	38.0	.	.	.	
6495A	SP-11	COLD	5	1	1.97	0.14	6.60	6.61	1.58	1.48	1.21	
----- Subcategory=Flow-through -- Option=A -- Configuration=3A Raceway A -----												
Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6460B	SP-7	COLD	5	5	.	.	4.00	4.00	0.0	.	.	
----- Subcategory=Flow-through -- Option=A -- Configuration=4A Combined A -----												
Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6460A	SP7,SP9	COLD	5	4	.	.	9.54	9.54	12.4	.	.	
DMR01	SP-1	COLD	19	0	0.44	0.52	1.79	1.78	0.999	2.94	1.51	Y
DMR03	SP-1	COLD	37	0	1.25	0.34	3.69	3.70	1.31	2.09	1.31	Y
DMR04	SP-1	COLD	34	0	0.76	0.67	2.70	2.68	2.01	3.78	1.70	Y
DMR61	SP-1	UNK	12	0	1.30	0.87	1.50	5.35	5.69	5.18	2.01	Y
----- Subcategory=Flow-through -- Option=B -- Configuration=2B OLSB B -----												
Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6297A	SP8+9	COLD	5	0	4.04	0.22	57.8	58.1	13.0	1.63	1.19	
6297B	SP-11	COLD	5	0	4.24	0.13	69.6	69.7	8.96	1.34	1.11	
6297C	SP13+14	COLD	5	0	2.39	0.21	11.1	11.2	2.37	1.59	1.18	
DMR06	SP-1	COLD	12	1	2.52	1.04	18.0	19.8	29.0	6.83	2.37	
DMR10	SP-1	COLD	2	0	.	.	79.0	79.0	0.424	.	.	
DMR12A	SP-1	COLD	49	3	2.27	0.86	12.9	13.3	14.6	5.31	2.04	
DMR12B	SP-2	COLD	49	1	2.45	0.73	14.8	14.9	12.8	4.25	1.81	
DMR15	SP-1	COLD	43	0	2.33	0.84	14.1	14.6	14.8	4.96	1.96	
DMR18	SP-1	COLD	1	1	.	.	2.00	2.00	.	.	.	

Y in the Excluded column means that the data were not used for Listing 8-3

Listing 8-2: Episode Long-Term Averages (mg/L) and Variability Factors for TSS  
(with 3-significant digits)

----- -- Subcategory=Flow-through -- Option=B -- Configuration=2B OLSB B -----  
(continued)

Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
DMR21A	SP-1	COLD	48	0	3.92	0.29	52.6	52.8	15.6	1.88	1.26	
DMR21B	SP-2	COLD	48	0	3.85	0.29	49.1	49.1	14.4	1.87	1.26	
DMR21C	SP-3	COLD	48	1	2.29	0.68	11.7	12.2	9.48	3.89	1.73	
DMR25A	SP-1	COLD	48	0	3.45	0.48	34.7	35.3	18.1	2.74	1.47	
DMR25B	SP-2	COLD	48	0	3.71	0.31	42.9	43.1	13.9	1.98	1.28	
DMR28	SP-1	COLD	48	0	2.62	0.65	16.6	17.0	12.4	3.70	1.68	
DMR31	SP-1	COLD	43	0	3.29	0.74	34.1	35.3	30.2	4.26	1.80	
DMR32	SP-1	COLD	1	0	.	.	12.0	12.0	.	.	.	
DMR34	SP-1	COLD	20	0	3.55	0.64	41.4	42.5	30.1	3.60	1.66	
DMR37	SP-1	COLD	48	0	3.13	0.33	24.2	24.2	8.26	2.05	1.30	
DMR38	SP-1	COLD	11	0	3.03	0.79	26.7	28.4	26.7	4.63	1.89	
DMR49	SP-1	COLD	20	0	2.88	0.52	20.1	20.4	11.5	2.95	1.52	
DMR54A	SP-1	COLD	48	0	3.24	0.57	29.0	30.2	18.8	3.22	1.57	
DMR54B	SP-2	COLD	49	0	3.77	0.60	50.0	52.0	34.1	3.36	1.61	
DMR59	SP-1	COLD	9	6	0.92	0.29	2.20	2.21	0.535	1.96	1.22	

----- -- Subcategory=Flow-through -- Option=B -- Configuration=3B Raceway B -----

Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6297E	SP5+6	COLD	5	5	.	.	4.00	4.00	0.0	.	.	
6297F	SP2+3	COLD	5	4	.	.	4.10	4.10	0.224	.	.	
DMR05	SP-1	COLD	3	3	.	.	2.00	2.00	0.0	.	.	
DMR06	SP-1	COLD	12	11	.	.	2.06	2.06	0.202	.	.	
DMR07	SP-1	COLD	2	1	.	.	2.50	2.50	0.707	.	.	
DMR08	SP-1	COLD	9	5	1.39	0.43	3.04	3.08	1.80	3.12	1.54	
DMR09	SP-1	COLD	1	1	.	.	2.00	2.00	.	.	.	
DMR10	SP-1	COLD	16	6	0.97	0.20	2.43	2.43	0.541	1.66	1.19	
DMR12A	SP-1	COLD	49	43	0.84	0.12	2.04	2.04	0.147	1.34	1.08	
DMR13	SP-1	COLD	2	0	.	.	1.90	1.90	0.990	.	.	
DMR15	SP-1	COLD	39	17	1.17	0.40	2.85	2.84	1.32	2.64	1.42	
DMR17	SP-1	COLD	1	0	.	.	2.20	2.20	.	.	.	
DMR18	SP-1	COLD	11	7	1.42	0.59	2.98	3.06	2.39	4.22	1.74	
DMR19	SP-1	COLD	4	0	-0.50	0.30	0.625	0.633	0.195	1.92	1.27	
DMR20	SP-1	COLD	4	1	1.32	0.43	3.23	3.33	2.08	2.90	1.57	
DMR21A	SP-1	COLD	48	9	0.88	0.15	2.36	2.36	0.374	1.43	1.13	
DMR23	SP-1	COLD	9	7	0.85	0.09	2.08	2.08	0.179	1.31	1.08	

Y in the Excluded column means that the data were not used for Listing 8-3

Listing 8-2: Episode Long-Term Averages (mg/L) and Variability Factors for TSS  
(with 3-significant digits)

----- Subcategory=Flow-through -- Option=B -- Configuration=3B Raceway B -----  
(continued)

Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
DMR25A	SP-1	COLD	48	27	0.84	0.13	2.14	2.14	0.253	1.38	1.10	
DMR26	SP-1	WARM	11	0	1.92	0.24	6.99	7.01	1.73	1.71	1.21	
DMR27	SP-1	COLD	2	2	.	.	2.00	2.00	0.0	.	.	
DMR28	SP-1	COLD	44	27	0.91	0.19	2.21	2.21	0.396	1.62	1.16	
DMR29	SP-1	WARM	3	0	1.78	0.17	6.00	6.03	1.02	1.46	1.15	
DMR30	SP-1	COLD	2	0	.	.	7.50	7.50	0.707	.	.	
DMR31	SP-1	COLD	44	36	0.83	0.15	2.06	2.06	0.196	1.42	1.10	
DMR32	SP-1	COLD	1	1	.	.	1.00	1.00	.	.	.	
DMR34	SP-1	COLD	7	7	.	.	2.00	2.00	0.0	.	.	
DMR35	SP-1	COLD	2	1	.	.	2.10	2.10	0.141	.	.	
DMR36	SP-1	COLD	4	0	1.97	0.29	7.40	7.48	2.22	1.88	1.26	
DMR37	SP-1	COLD	48	11	0.85	0.13	2.28	2.28	0.319	1.38	1.12	
DMR38	SP-1	COLD	12	9	1.09	0.17	2.25	2.25	0.510	1.78	1.20	
DMR39	SP-1	COLD	4	4	.	.	2.00	2.00	0.0	.	.	
DMR42	SP-1	COLD	3	3	.	.	2.00	2.00	0.0	.	.	
DMR43	SP-1	COLD	2	0	.	.	5.10	5.10	2.83	.	.	
DMR44	SP-1	COLD	1	0	.	.	1.40	1.40	.	.	.	
DMR46	SP-1	COLD	4	3	.	.	1.40	1.40	0.490	.	.	
DMR47	SP-1	COLD	2	1	.	.	4.00	4.00	2.83	.	.	
DMR48	SP-1	COLD	12	7	1.32	0.43	2.85	2.88	1.60	3.07	1.51	
DMR49	SP-1	COLD	43	42	.	.	2.01	2.01	0.0610	.	.	
DMR50	SP-1	COLD	40	35	0.69	0.00	1.28	1.28	0.447	1.57	1.28	
DMR51	SP-1	COLD	7	7	.	.	2.00	2.00	0.0	.	.	
DMR53	SP-1	COLD	48	15	1.21	0.41	2.88	2.88	1.74	2.86	1.55	
DMR54A	SP-1	COLD	48	41	0.78	0.08	2.03	2.03	0.0937	1.21	1.05	
DMR57	SP-1	COLD	4	0	0.66	0.33	2.00	2.03	0.679	2.02	1.30	
DMR58	SP-1	COLD	1	0	.	.	1.50	1.50	.	.	.	
DMR59	SP-1	COLD	8	8	.	.	2.00	2.00	0.0	.	.	
DMR60	SP-1	COLD	9	7	0.98	0.21	2.16	2.16	0.409	1.77	1.18	
DMR62	SP-1	COLD	4	3	.	.	2.05	2.05	0.100	.	.	

----- Subcategory=Flow-through -- Option=B -- Configuration=4B Combined B -----

Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6297G	SP8+9, SP5+6	COLD	5	0	1.51	0.03	4.53	4.53	0.122	1.06	1.02	
6297H	SP11, SP5+6	COLD	5	5	.	.	4.65	4.65	0.0831	.	.	

Y in the Excluded column means that the data were not used for Listing 8-3

Listing 8-2: Episode Long-Term Averages (mg/L) and Variability Factors for TSS  
(with 3-significant digits)

----- -- Subcategory=Flow-through -- Option=B -- Configuration=4B Combined B ----- (continued)												
Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6297I	SP13+14,SP2+3	COLD	5	4	.	.	4.17	4.17	0.242	.	.	
6460D	SP10+11	COLD	5	5	.	.	4.00	4.00	0.0	.	.	
6495B	SP13+14	COLD	5	5	.	.	4.00	4.00	0.0	.	.	
----- -- Subcategory=Recirculating -- Option=A -- Configuration=6A RAS Solids A -----												
Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6439A	SP-4	WARM	5	0	5.05	1.05	282.0	273.0	388.0	6.65	2.33	Y
----- -- Subcategory=Recirculating -- Option=B -- Configuration=6B RAS Solids B -----												
Episode	Sample Point	Warm or Cold	# Obs	# NDs	mu	sigma	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	Monthly V.F.	Excluded
6439B	SP9+11	WARM	5	0	3.81	0.29	46.6	47.1	13.8	1.87	1.26	Y

Y in the Excluded column means that the data were not used for Listing 8-3

Listing 8-3: Numeric Limitations for TSS (mg/L)  
(with 3-significant digits)

Subcategory	Option	Configuration	LTA	1-Day V.F.	Monthly V.F.	Daily Limit	Monthly Limit
Combined	A	2A+6A+7A Continuous A	22.30	1.48	1.21	33.0	26.9
Combined	B	2B+6B+7B Continuous B	26.30	3.24	1.57	85.1	41.2
Flow-through	A	2A OLSB A	22.30	1.48	1.21	33.0	26.9
Flow-through	A	3A Raceway A	4.00	.	.	.	.
Flow-through	A	4A Combined A	9.54	.	.	.	.
Flow-through	B	2B OLSB B	26.30	3.24	1.57	85.1	41.2
Flow-through	B	3B Raceway B	2.10	1.99	1.27	4.17	2.67
Flow-through	B	4B Combined B	4.17	1.06	1.02	4.44	4.26

Values are as calculated. See Chapter 8 for substitutions for Configuration 3B