

**APPENDIX D**  
**SUMMARY STATISTICS AT EACH SAMPLE POINT FOR**  
**POLLUTANTS OF CONCERN**

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Appendix D: Summary Statistics at Each Sample Point for Pollutants of Concern

Analyte	Episode	Sample Point	Total Number of		Obs Mean Value	Obs Std Dev	Mean Value	Std Dev	Min Value	Max Value	Min Value	Max Value	Unit
			Est LTA Values	ND									
AEROMONAS	6460	SP7, SP8	100000.00	1	100000.00		491.63	217.09	270.00	690.00	100000.00	100000.00	/100M
AEROMONAS	6460	SP7, SP9	1000.00	1	1000.00						1000.00	1000.00	/100M
AEROMONAS	6460	SP-8	1000000.00	1	1000000.00						1000000.00	1000000.00	/100M
AEROMONAS	6460	SP-9	1000.00	1	1000.00						1000.00	1000.00	/100M
AEROMONAS	6460	SP10+11	507.31	4	491.63	217.09	491.63	217.09	270.00	690.00	1000.00	1000.00	/100M
ALUMINUM	6297	SP2+3	50.00	5	50.00	0.00					50.00	50.00	UG/L
ALUMINUM	6297	SP-4	50.00	5	50.00	0.00					50.00	50.00	UG/L
ALUMINUM	6297	SP5+6	50.00	5	50.00	0.00					50.00	50.00	UG/L
ALUMINUM	6297	SP-7	796.45	5	764.00	297.07	764.00	297.07	300.00	1090.00	50.00	50.00	UG/L
ALUMINUM	6297	SP8+9	50.84	5	50.84	1.88	54.20	0.80	54.20	54.20	50.00	50.00	UG/L
ALUMINUM	6297	SP8+9, SP5+6	50.01	5	50.01	0.02	50.04	0.02	50.04	50.04	50.00	50.00	UG/L
ALUMINUM	6297	SP-10	534.55	5	530.60	130.41	530.60	130.41	357.00	683.00	50.00	50.00	UG/L
ALUMINUM	6297	SP-11	55.08	5	55.08	11.36	75.40	0.00	75.40	75.40	50.00	50.00	UG/L
ALUMINUM	6297	SP11, SP5+6	50.05	5	50.05	0.11					50.00	50.25	UG/L
ALUMINUM	6297	SP-12	2205.66	5	2086.00	854.94	2086.00	854.94	720.00	2950.00	50.00	50.00	UG/L
ALUMINUM	6297	SP13+14	50.00	5	50.00	0.00					50.00	50.00	UG/L
ALUMINUM	6297	SP13+14, SP2+3	50.00	5	50.00	0.00					50.00	50.00	UG/L
ALUMINUM	6460	SP-7	48.00	5	48.00	0.00					48.00	48.00	UG/L
ALUMINUM	6460	SP7, SP8	505.87	5	505.87	1023.83	2337.34	2337.34	2337.34	2337.34	48.00	48.00	UG/L
ALUMINUM	6460	SP7, SP9	51.16	5	51.16	7.06	63.79	0.00	63.79	63.79	48.00	48.00	UG/L
ALUMINUM	6460	SP-8	2860.00	1	2860.00		2860.00		2860.00	2860.00	48.00	48.00	UG/L
ALUMINUM	6460	SP-9	67.40	1	67.40		67.40		67.40	67.40	48.00	48.00	UG/L
ALUMINUM	6460	SP10+11	48.00	5	48.00	0.00					48.00	48.00	UG/L
AMMONIA AS NITROGEN	6297	SP2+3	0.12	5	0.12	0.02	0.12	0.02	0.10	0.14	0.05	0.05	MG/L
AMMONIA AS NITROGEN	6297	SP-4	0.05	5	0.05	0.00					0.05	0.05	MG/L
AMMONIA AS NITROGEN	6297	SP5+6	0.46	5	0.46	0.21	0.46	0.21	0.34	0.84	0.84	0.84	MG/L
AMMONIA AS NITROGEN	6297	SP-7	1.48	5	1.46	0.80	1.46	0.80	0.90	2.85	2.85	2.85	MG/L
AMMONIA AS NITROGEN	6297	SP8+9	2.85	5	2.84	0.56	2.84	0.56	2.04	3.53	3.53	3.53	MG/L
AMMONIA AS NITROGEN	6297	SP8+9, SP5+6	0.49	5	0.48	0.21	0.48	0.21	0.36	0.86	0.86	0.86	MG/L
AMMONIA AS NITROGEN	6297	SP-10	1.05	5	1.00	0.44	1.00	0.44	0.37	1.46	1.46	1.46	MG/L
AMMONIA AS NITROGEN	6297	SP-11	1.20	5	1.14	0.50	1.14	0.50	0.40	1.68	1.68	1.68	MG/L
AMMONIA AS NITROGEN	6297	SP11, SP5+6	0.47	5	0.47	0.21	0.47	0.21	0.35	0.85	0.85	0.85	MG/L
AMMONIA AS NITROGEN	6297	SP-12	2.08	5	2.05	1.23	2.05	1.23	1.16	4.20	4.20	4.20	MG/L
AMMONIA AS NITROGEN	6297	SP13+14	1.31	5	1.30	0.35	1.30	0.35	0.84	1.69	1.69	1.69	MG/L
AMMONIA AS NITROGEN	6297	SP13+14, SP2+3	0.13	5	0.13	0.02	0.13	0.02	0.11	0.16	0.16	0.16	MG/L
AMMONIA AS NITROGEN	6460	SP-7	0.15	5	0.14	0.05	0.14	0.05	0.10	0.22	0.22	0.22	MG/L
AMMONIA AS NITROGEN	6460	SP7, SP8	2.45	5	2.40	5.04	2.40	5.04	0.10	11.42	11.42	11.42	MG/L
AMMONIA AS NITROGEN	6460	SP7, SP9	0.19	5	0.18	0.09	0.18	0.09	0.10	0.32	0.32	0.32	MG/L
AMMONIA AS NITROGEN	6460	SP-8	14.00	1	14.00		14.00		14.00	14.00	14.00	14.00	MG/L
AMMONIA AS NITROGEN	6460	SP-9	0.36	1	0.36		0.36		0.36	0.36	0.36	0.36	MG/L
AMMONIA AS NITROGEN	6460	SP10+11	0.15	5	0.14	0.06	0.14	0.06	0.07	0.22	0.22	0.22	MG/L
BARIUM	6297	SP2+3	21.82	5	21.82	0.48	21.82	0.48	21.50	22.65	21.50	22.65	UG/L
BARIUM	6297	SP-4	21.72	5	21.72	0.41	21.72	0.41	21.20	22.20	21.20	22.20	UG/L

Appendix D: Summary Statistics at Each Sample Point for Pollutants of Concern  
 ----- Subcategory=Flow-thru -----  
 (continued)

Analyte	Episode Point	Sample Point	Est LTA Values	Total Number of Values	Obs Value	Obs Std Dev	Mean Value	Std Dev	Min Value	Max Value	Min Value	Max Value	Unit
BARIUM	6297	SP5+6	21.78	5	21.78	0.23	21.78	0.23	21.50	22.00	21.50	22.00	UG/L
BARIUM	6297	SP-7	491.71	5	416.98	430.97	416.98	430.97	66.90	1060.00	66.90	1060.00	UG/L
BARIUM	6297	SP8+9	45.01	5	45.01	1.36	45.01	1.36	43.50	47.00	43.50	47.00	UG/L
BARIUM	6297	SP8+9,SP5+6	22.01	5	22.01	0.24	22.01	0.24	21.72	22.25	21.72	22.25	UG/L
BARIUM	6297	SP-10	158.37	5	155.82	57.72	155.82	57.72	88.10	227.00	88.10	227.00	UG/L
BARIUM	6297	SP-11	44.36	5	44.36	1.05	44.36	1.05	43.30	45.70	43.30	45.70	UG/L
BARIUM	6297	SP11,SP5+6	22.00	5	22.00	0.22	22.00	0.22	21.74	22.23	21.74	22.23	UG/L
BARIUM	6297	SP-12	313.40	5	312.60	49.23	312.60	49.23	249.00	382.00	249.00	382.00	UG/L
BARIUM	6297	SP13+14	23.04	5	23.04	0.33	23.04	0.33	22.60	23.50	22.60	23.50	UG/L
BARIUM	6297	SP13+14,SP2+3	21.83	5	21.83	0.47	21.83	0.47	21.52	22.65	21.52	22.65	UG/L
BARIUM	6460	SP-7	19.47	5	19.44	2.45	19.44	2.45	17.10	22.20	17.10	22.20	UG/L
BARIUM	6460	SP7,SP8	101.10	5	108.52	198.35	108.52	198.35	17.10	463.31	17.10	463.31	UG/L
BARIUM	6460	SP7,SP9	19.92	5	19.90	2.30	19.90	2.30	17.10	22.20	17.10	22.20	UG/L
BARIUM	6460	SP-8	565.00	1	565.00		565.00		565.00	565.00	565.00	565.00	UG/L
BARIUM	6460	SP-9	20.70	1	20.70		20.70		20.70	20.70	20.70	20.70	UG/L
BARIUM	6460	SP10+11	20.76	5	20.73	2.37	20.73	2.37	17.30	22.60	17.30	22.60	UG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP2+3	3.94	5	3.93	1.44	3.93	1.44	2.20	3.05	2.20	3.05	6.00 MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP-4	4.40	5	4.40	0.89	4.40	0.89	4.00	6.00	4.00	6.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP5+6	4.30	5	4.29	1.02	4.29	1.02	3.25	4.20	3.25	4.20	6.00 MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP-7	716.29	5	222.96	155.29	222.96	155.29	3.78	380.00	3.78	380.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP8+9	142.07	5	136.30	60.49	136.30	60.49	58.00	185.00	58.00	185.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP8+9,SP5+6	5.63	5	5.60	1.10	5.60	1.10	3.79	6.77	3.79	6.77	MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP-10	183.19	5	173.20	123.92	173.20	123.92	56.00	376.00	56.00	376.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP-11	116.55	5	113.20	59.71	113.20	59.71	56.00	183.00	56.00	183.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP11,SP5+6	5.42	5	5.37	1.17	5.37	1.17	3.77	5.97	3.77	5.97	6.78 MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP-12	343.43	5	338.00	86.21	338.00	86.21	184.00	380.00	184.00	380.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP13+14	14.53	5	14.49	2.04	14.49	2.04	11.20	16.55	11.20	16.55	MG/L
BIOCHEMICAL OXYGEN DEMAND	6297	SP13+14,SP2+3	4.05	5	4.03	1.43	4.03	1.43	2.32	3.18	2.32	3.18	6.10 MG/L
BIOCHEMICAL OXYGEN DEMAND	6460	SP-7	2.80	5	2.80	1.79	2.80	1.79	2.00	4.00	2.00	4.00	6.00 MG/L
BIOCHEMICAL OXYGEN DEMAND	6460	SP7,SP8	652.15	5	652.15	1451.55	652.15	1451.55	3248.76	3248.76	3248.76	3248.76	6.00 MG/L
BIOCHEMICAL OXYGEN DEMAND	6460	SP7,SP9	4.59	5	4.59	3.96	4.59	3.96	10.96	10.96	10.96	10.96	6.00 MG/L
BIOCHEMICAL OXYGEN DEMAND	6460	SP-8	3990.00	1	3990.00		3990.00		3990.00	3990.00	3990.00	3990.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6460	SP-9	13.00	1	13.00		13.00		13.00	13.00	13.00	13.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6460	SP10+11	2.00	5	2.00	0.00	2.00	0.00	2.00	2.00	2.00	2.00	2.00 MG/L
BORON	6297	SP2+3	48.59	5	48.58	2.30	48.58	2.30	45.00	51.00	45.00	51.00	UG/L
BORON	6297	SP-4	47.14	5	47.14	0.88	47.14	0.88	46.20	48.50	46.20	48.50	UG/L
BORON	6297	SP5+6	46.54	5	46.54	1.12	46.54	1.12	44.90	47.75	44.90	47.75	UG/L
BORON	6297	SP-7	404.24	5	332.80	398.78	332.80	398.78	57.10	955.00	57.10	955.00	UG/L
BORON	6297	SP8+9	50.84	5	50.84	0.51	50.84	0.51	50.30	51.60	50.30	51.60	UG/L
BORON	6297	SP8+9,SP5+6	46.59	5	46.58	1.10	46.58	1.10	44.96	47.78	44.96	47.78	UG/L
BORON	6297	SP-10	128.20	5	123.82	79.09	123.82	79.09	62.10	229.00	62.10	229.00	UG/L
BORON	6297	SP-11	50.26	5	50.26	0.60	50.26	0.60	49.70	51.10	49.70	51.10	UG/L
BORON	6297	SP11,SP5+6	46.58	5	46.58	1.11	46.58	1.11	44.95	47.77	44.95	47.77	UG/L

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Subcategory=Flow-thru  
(continued)

Analyte	Episode Point	Sample Point	Est LTA Values	Total Number of Values	Obs Dev	Obs Mean Value	Std Dev	Obs Value	Mean Value	Std Dev	Min Value	Max Value	Min Value	Max Value	Unit
BORON	6297	SP-12	185.84	5	58.17	182.80	58.17	182.80	182.80	58.17	105.00	231.00	105.00	231.00	UG/L
BORON	6297	SP13+14	48.95	5	1.84	48.94	1.84	48.94	48.94	1.84	46.65	51.60	46.65	51.60	UG/L
BORON	6297	SP13+14,SP2+3	48.59	5	2.27	48.58	2.27	48.58	48.58	2.27	45.04	50.97	45.04	50.97	UG/L
BORON	6460	SP-7	208.51	5	165.40	82.98	245.44	82.98	204.45	245.44	30.90	378.00	30.90	378.00	UG/L
BORON	6460	SP7,SP8	138.15	5	159.10	102.03	184.26	102.03	168.72	184.26	30.90	378.00	30.90	378.00	UG/L
BORON	6460	SP7,SP9	208.51	5	165.40	82.98	245.44	82.98	204.45	245.44	30.90	378.00	30.90	378.00	UG/L
BORON	6460	SP-8	119.00	1		119.00		119.00	119.00		119.00	119.00	119.00	119.00	UG/L
BORON	6460	SP-9	2.00	1		2.00		2.00	2.00		2.00	2.00	2.00	2.00	UG/L
BORON	6460	SP10+11	11.08	5	12.81	10.61	10.01	10.61	23.53	10.01	16.45	30.60	16.45	30.60	UG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP2+3	23.10	5	4.53	23.06	3.46	23.06	27.65	3.46	25.20	30.10	25.20	30.10	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP-4	20.00	5	0.00	20.00		20.00			20.00	20.00	20.00	20.00	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP5+6	20.00	5	0.00	20.00		20.00			20.00	20.00	20.00	20.00	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP-7	1958.78	5	938.20	1310.40	938.20	1310.40	1310.40	938.20	105.00	2060.00	105.00	2060.00	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP8+9	442.32	5	113.52	440.90	113.52	440.90	440.90	113.52	372.00	642.00	372.00	642.00	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP8+9,SP5+6	24.17	5	1.12	24.17	1.12	24.17	24.17	1.12	23.49	26.16	23.49	26.16	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP-10	1823.33	5	783.95	1418.00	783.95	1418.00	1418.00	783.95	180.00	2230.00	180.00	2230.00	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP-11	408.14	5	48.37	407.60	48.37	407.60	407.60	48.37	360.00	472.00	360.00	472.00	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP11,SP5+6	23.83	5	0.48	23.83		23.83			23.36	24.46	23.36	24.46	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP-12	1896.35	5	1925.93	1802.40	1925.93	1802.40	1802.40	1925.93	480.00	5130.00	480.00	5130.00	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP13+14	43.28	5	16.61	42.71	12.37	42.71	48.39	12.37	30.00	56.30	30.00	56.30	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6297	SP13+14,SP2+3	23.30	5	4.48	23.25	3.66	23.25	27.73	3.66	25.15	30.32	25.15	30.32	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6460	SP-7	10.80	5	1.79	10.80		10.80	14.00		14.00	14.00	14.00	14.00	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6460	SP7,SP8	2401928.41	5	3309.15	1490.89	5230.10	1490.89	3712.24	5230.10	14.00	7410.47	14.00	7410.47	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6460	SP7,SP9	15.13	5	8.11	14.55	10.41	14.55	21.36	10.41	14.00	28.73	14.00	28.73	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6460	SP-8	9100.00	1		9100.00		9100.00	9100.00		9100.00	9100.00	9100.00	9100.00	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6460	SP-9	33.00	1		33.00		33.00	33.00		33.00	33.00	33.00	33.00	MG/L
CHEMICAL OXYGEN DEMAND (COD)	6460	SP10+11	14.40	5	6.02	14.40	0.00	14.40	21.00	0.00	21.00	21.00	21.00	21.00	MG/L
COPPER	6297	SP2+3	5.00	5	0.00	5.00		5.00			5.00	5.00	5.00	5.00	UG/L
COPPER	6297	SP-4	5.00	5	0.00	5.00		5.00			5.00	5.00	5.00	5.00	UG/L
COPPER	6297	SP5+6	5.00	5	0.00	5.00		5.00			5.00	5.00	5.00	5.00	UG/L
COPPER	6297	SP-7	117.86	5	28.85	116.40	28.85	116.40	116.40	28.85	68.00	139.00	68.00	139.00	UG/L
COPPER	6297	SP8+9	12.58	5	1.19	12.57	1.19	12.57	12.57	1.19	11.25	14.50	11.25	14.50	UG/L
COPPER	6297	SP8+9,SP5+6	5.07	5	0.01	5.07	0.01	5.07	5.07	0.01	5.06	5.09	5.06	5.09	UG/L
COPPER	6297	SP-10	109.82	5	29.32	109.12	29.32	109.12	109.12	29.32	83.50	141.00	83.50	141.00	UG/L
COPPER	6297	SP-11	13.47	5	2.41	13.40	2.41	13.40	13.40	2.41	9.40	15.90	9.40	15.90	UG/L
COPPER	6297	SP11,SP5+6	5.08	5	0.02	5.08		5.08			5.04	5.11	5.04	5.11	UG/L
COPPER	6297	SP-12	296.82	5	133.04	269.04	133.04	269.04	269.04	133.04	68.20	406.00	68.20	406.00	UG/L
COPPER	6297	SP13+14	5.00	5	0.00	5.00		5.00			5.00	5.00	5.00	5.00	UG/L
COPPER	6297	SP13+14,SP2+3	5.00	5	0.00	5.00		5.00			5.00	5.00	5.00	5.00	UG/L
COPPER	6460	SP-7	1.00	5	0.00	1.00		1.00			1.00	1.00	1.00	1.00	UG/L
COPPER	6460	SP7,SP8	32.10	5	69.54	32.10	69.54	32.10	156.50	69.54	156.50	156.50	156.50	156.50	UG/L
COPPER	6460	SP7,SP9	1.00	5	0.00	1.00		1.00			1.00	1.00	1.00	1.00	UG/L

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(continued)

Analyte	Episode Point	Sample Point	Total Number of		Obs Value	Mean Value	Std Dev	Min Value	Max Value	Min Value	Max Value
			LTA Values	ND							
COPPER	6460 SP-8		192.00	1	192.00	192.00	192.00	192.00	192.00	1.00	1.00
	6460 SP-9		1.00	1	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	6460 SP10+11		1.00	5	1.00	0.00	1.00	1.00	1.00	1.00	1.00
FECAL STREPTOCOCCUS	6460 SP7,SP8		2900000.00	1	2900000.00	2900000.00	2900000.00	2900000.00	2900000.00	2900000.00	2900000.00
	6460 SP7,SP9		2500.00	1	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	6460 SP-8		2900000.00	1	2900000.00	2900000.00	2900000.00	2900000.00	2900000.00	2900000.00	2900000.00
	6460 SP-9		2500.00	1	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	6460 SP10+11		390.35	4	360.25	267.03	120.00	360.25	730.00	120.00	730.00
	6460 SP2+3		7.79	5	7.29	4.34	5.89	10.46	15.03	5.89	15.03
HEXANE EXTRACTABLE MATERIAL	6297 SP-4		7.35	5	7.15	3.49	7.13	10.16	13.19	5.00	5.41
	6297 SP5+6		10.27	5	9.66	8.10	6.02	12.73	23.97	5.00	5.09
	6297 SP-7		86.76	5	81.05	69.92	20.50	69.92	200.89	5.00	5.00
	6297 SP8+9		70.88	5	49.19	38.17	5.00	49.19	85.35	5.00	5.00
	6297 SP8+9,SP5+6		10.17	5	10.05	8.27	5.06	10.05	24.57	5.00	5.00
	6297 SP-10		87.40	1	79.94	69.92	30.63	98.68	186.27	5.00	5.00
	6297 SP-11		82.32	5	62.92	48.75	9.93	62.92	109.50	5.08	5.14
	6297 SP11,SP5+6		10.73	2	10.18	8.33	7.00	13.56	24.81	5.00	5.14
	6297 SP-12		501.35	4	485.75	288.46	247.00	485.75	900.00	5.00	5.00
	6297 SP13+14		19.07	5	18.37	16.31	16.30	27.29	44.77	5.00	5.00
	6297 SP13+14,SP2+3		7.87	5	7.40	4.30	6.04	10.54	15.04	5.00	5.90
	6460 SP-7		5.90	5	5.90	0.22	5.90	5.90	6.00	5.50	6.00
	6460 SP7,SP8		124.60	5	124.60	265.48	599.50	599.50	599.50	5.50	6.00
	6460 SP7,SP9		5.90	5	5.90	0.22	5.90	5.90	6.00	5.50	6.00
	6460 SP-8		735.00	1	735.00	735.00	735.00	735.00	735.00	6.00	6.00
	6460 SP-9		6.00	1	6.00	6.00	6.00	6.00	6.00	6.00	6.00
6460 SP10+11		5.55	5	5.55	0.45	5.55	5.55	6.00	5.00	6.00	
HEXANOIC ACID	6297 SP2+3		10.00	3	10.00	0.00	10.00	10.00	10.00	10.00	10.00
	6297 SP-4		10.00	3	10.00	0.00	10.00	10.00	10.00	10.00	10.00
	6297 SP5+6		10.00	3	10.00	0.00	10.00	10.00	10.00	10.00	10.00
	6297 SP-7		71.91	3	69.80	34.05	47.60	69.80	109.00	10.00	10.00
	6297 SP8+9		112.29	3	112.28	2.35	110.85	112.28	115.00	10.00	10.00
	6297 SP8+9,SP5+6		11.01	3	11.01	0.02	11.00	11.01	11.04	10.00	10.00
	6297 SP-10		48.62	3	46.10	26.62	24.40	46.10	75.80	10.00	10.00
	6297 SP-11		111.32	3	110.13	28.97	85.40	110.13	142.00	10.74	11.30
	6297 SP11,SP5+6		10.99	3	10.99	0.29	10.99	10.99	11.30	10.00	10.00
	6297 SP-12		390.64	3	242.87	211.47	33.10	242.87	456.00	10.00	10.00
	6297 SP13+14		10.00	3	10.00	0.00	10.00	10.00	10.00	10.00	10.00
	6297 SP13+14,SP2+3		10.00	3	10.00	0.00	10.00	10.00	10.00	10.00	10.00
HEXANOIC ACID	6460 SP-7		10.00	2	10.00	0.00	10.00	10.00	10.00	10.00	10.00
	6460 SP7,SP8		398.75	2	398.75	549.77	787.50	787.50	787.50	10.00	10.00
	6460 SP7,SP9		10.00	2	10.00	0.00	10.00	10.00	10.00	10.00	10.00
	6460 SP-8		965.00	1	965.00	965.00	965.00	965.00	965.00	10.00	10.00

## Appendix D: Summary Statistics at Each Sample Point for Pollutants of Concern

Subcategory=Flow-thru  
(continued)

Analyte	Episode	Sample Point	Total Number of		Obs Value	Mean Value	Std Dev	Min Value	Max Value	Unit	
			Est LTA Values	ND							
HEXANOIC ACID	6460	SP-9	10.00	1	10.00			10.00	10.00	UG/L	
	6460	SP10+11	10.00	2	10.00			10.00	10.00	UG/L	
IRON	6297	SP2+3	50.00	5	50.00			50.00	50.00	UG/L	
	6297	SP-4	50.00	5	50.00			50.00	50.00	UG/L	
	6297	SP5+6	50.00	5	50.00			50.00	50.00	UG/L	
	6297	SP-7	2070.12	5	809.21	809.21		885.00	2930.00	UG/L	
	6297	SP8+9	223.64	5	9.24	9.24		210.00	231.00	UG/L	
	6297	SP8+9,SP5+6	51.72	5	0.09	0.09		51.58	51.79	UG/L	
	6297	SP-10	1617.39	5	432.80	432.80		1260.00	2230.00	UG/L	
	6297	SP-11	270.64	5	10.88	10.88		257.00	283.00	UG/L	
	6297	SP11,SP5+6	52.18	5	0.11					UG/L	
	6297	SP-12	5776.34	5	2021.17	2021.17		2230.00	7210.00	UG/L	
	6297	SP13+14	50.00	5	50.00			50.00	50.00	UG/L	
	6297	SP13+14,SP2+3	50.00	5	50.00			50.00	50.00	UG/L	
	IRON	6460	SP-7	54.14	5	36.11	36.72		25.60	92.90	UG/L
		6460	SP7,SP8	10758.37	5	11699.39	11699.39		25.60	26218.81	UG/L
6460		SP7,SP9	152.23	5	181.93	181.93		25.60	458.82	UG/L	
6460		SP-8	32200.00	1	32200.00	32200.00		32200.00	32200.00	UG/L	
6460		SP-9	559.00	1	559.00	559.00		559.00	559.00	UG/L	
6460		SP10+11	76.46	5	34.59	34.59		34.65	105.30	UG/L	
MANGANESE		6297	SP2+3	5.00	5	5.00			5.00	5.00	UG/L
		6297	SP-4	5.00	5	5.00			5.00	5.00	UG/L
		6297	SP5+6	5.00	5	5.00			5.00	5.00	UG/L
		6297	SP-7	429.67	5	181.02	181.02		166.00	593.00	UG/L
		6297	SP8+9	146.74	5	8.77	8.77		141.00	162.00	UG/L
		6297	SP8+9,SP5+6	6.40	5	0.09	0.09		6.35	6.55	UG/L
		6297	SP-10	441.28	5	161.54	161.54		280.00	642.00	UG/L
		6297	SP-11	182.85	5	9.83	9.83		170.00	195.00	UG/L
	6297	SP11,SP5+6	6.76	5	0.10					UG/L	
	6297	SP-12	1168.25	5	482.28	482.28		463.00	1740.00	UG/L	
	6297	SP13+14	9.29	5	0.61	0.61		8.65	9.90	UG/L	
	6297	SP13+14,SP2+3	5.04	5	0.01					UG/L	
	MANGANESE	6460	SP-7	11.55	5	6.61	6.61		5.50	18.50	UG/L
		6460	SP7,SP8	988.02	5	1447.57	1447.57		6.00	3249.41	UG/L
6460		SP7,SP9	18.03	5	11.39	11.39		6.00	34.48	UG/L	
6460		SP-8	3990.00	1	3990.00	3990.00		3990.00	3990.00	UG/L	
6460		SP-9	41.10	1	41.10	41.10		41.10	41.10	UG/L	
6460		SP10+11	12.79	5	5.08	5.08		6.15	17.50	UG/L	
NITRATE/NITRITE	6297	SP2+3	1.02	5	0.07	0.07		0.94	1.11	MG/L	
	6297	SP-4	1.08	5	0.03	0.03		1.04	1.12	MG/L	
	6297	SP5+6	1.03	5	0.05	0.05		0.97	1.09	MG/L	
	6297	SP-7	0.87	5	0.23	0.23		0.72	1.26	MG/L	

## Appendix D: Summary Statistics at Each Sample Point for Pollutants of Concern

Subcategory=Flow-thru  
(continued)

Analyte	Episode Point	Sample Point	Est LTA Values	Total Number of ND Values	Obs Std Dev	Obs Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
NITRATE/NITRITE	6297	SP8+9	0.35	5	0.14	0.35					0.25	0.50	MG/L
NITRATE/NITRITE	6297	SP8+9, SP5+6	1.02	5	0.05	1.02					0.96	1.08	MG/L
NITRATE/NITRITE	6297	SP-10	0.82	5	0.15	0.82					0.25	0.50	MG/L
NITRATE/NITRITE	6297	SP-11	0.64	4	0.74	1.94	0.82	0.15	0.72	1.09			MG/L
NITRATE/NITRITE	6297	SP11, SP5+6	1.03	5	0.04	1.03							MG/L
NITRATE/NITRITE	6297	SP-12	0.86	5	0.09	0.86							MG/L
NITRATE/NITRITE	6297	SP13+14	0.25	5	0.00	0.25					0.25	0.25	MG/L
NITRATE/NITRITE	6297	SP13+14, SP2+3	1.01	5	0.07	1.01					0.93	1.10	MG/L
NITRATE/NITRITE	6460	SP-7	0.42	5	0.29	0.39					0.14	0.75	MG/L
NITRATE/NITRITE	6460	SP7, SP8	0.49	5	0.28	0.44					0.14	0.75	MG/L
NITRATE/NITRITE	6460	SP7, SP9	0.40	5	0.31	0.37					0.12	0.75	MG/L
NITRATE/NITRITE	6460	SP-8	0.55	1		0.55					0.55	0.55	MG/L
NITRATE/NITRITE	6460	SP-9	0.09	1		0.09					0.09	0.09	MG/L
NITRATE/NITRITE	6460	SP10+11	0.41	5	0.29	0.38					0.15	0.71	MG/L
SELENIUM	6297	SP2+3	2.00	5	0.00	2.00					2.00	2.00	UG/L
SELENIUM	6297	SP-4	2.00	5	0.00	2.00					2.00	2.00	UG/L
SELENIUM	6297	SP5+6	2.08	5	0.18	2.08					2.40	2.40	UG/L
SELENIUM	6297	SP-7	3.51	1	1.18	3.47					2.50	4.60	UG/L
SELENIUM	6297	SP8+9	2.00	5	0.00	2.00					2.00	2.00	UG/L
SELENIUM	6297	SP8+9, SP5+6	2.08	5	0.18	2.08					2.00	2.40	UG/L
SELENIUM	6297	SP-10	2.28	5	0.53	2.26					2.10	3.20	UG/L
SELENIUM	6297	SP-11	2.40	5	0.89	2.40					4.00	4.00	UG/L
SELENIUM	6297	SP11, SP5+6	2.08	5	0.19	2.08					2.42	2.42	UG/L
SELENIUM	6297	SP-12	12.09	5	10.35	12.06					6.20	30.50	UG/L
SELENIUM	6297	SP13+14	2.00	5	0.00	2.00					2.00	2.00	UG/L
SELENIUM	6297	SP13+14, SP2+3	2.00	5	0.00	2.00					2.00	2.00	UG/L
SELENIUM	6460	SP-7	2.00	5	0.00	2.00					2.00	2.00	UG/L
SELENIUM	6460	SP7, SP8	3.47	5	3.28	3.47					9.33	9.33	UG/L
SELENIUM	6460	SP7, SP9	2.00	5	0.00	2.00					2.00	2.00	UG/L
SELENIUM	6460	SP-8	11.00	1		11.00					11.00	11.00	UG/L
SELENIUM	6460	SP-9	2.00	1		2.00					2.00	2.00	UG/L
SELENIUM	6460	SP10+11	2.00	5	0.00	2.00					2.00	2.00	UG/L
SETTLABLE SOLIDS	6297	SP-7	71.79	4	24.10	71.00					50.00	105.00	mL/L
SETTLABLE SOLIDS	6297	SP8+9	0.28	5	0.40	0.28					1.00	1.00	mL/L
SETTLABLE SOLIDS	6297	SP8+9, SP5+6	0.28	5	0.40	0.28					1.00	1.00	mL/L
SETTLABLE SOLIDS	6297	SP-10	41.75	4	20.68	40.50					21.00	69.00	mL/L
SETTLABLE SOLIDS	6297	SP-11	0.70	5	0.84	0.66					1.00	2.00	mL/L
SETTLABLE SOLIDS	6297	SP11, SP5+6	0.70	5	0.84	0.66					1.00	2.00	mL/L
SETTLABLE SOLIDS	6297	SP-12	96.50	2	2.12	96.50					95.00	98.00	mL/L
SETTLABLE SOLIDS	6297	SP13+14	0.55	4	0.52	0.55					1.00	1.00	mL/L
SETTLABLE SOLIDS	6297	SP13+14, SP2+3	0.55	4	0.52	0.55					1.00	1.00	mL/L
SETTLABLE SOLIDS	6460	SP7, SP8	240.00	1		240.00					240.00	240.00	mL/L



## Appendix D: Summary Statistics at Each Sample Point for Pollutants of Concern

Subcategory=Flow-thru  
(continued)

Analyte	Episode	Sample Point	Total Number of		Obs Value	Mean Value	Std Dev	Min Value	Max Value	Unit
			Est LTA Values	Number ND						
SETTLEABLE SOLIDS	6460	SP7, SP9	0.20	1	0.20	0.20	0.20	0.20	0.20	mL/L
SETTLEABLE SOLIDS	6460	SP-8	240.00	1	240.00	240.00	240.00	240.00	240.00	mL/L
SETTLEABLE SOLIDS	6460	SP-9	0.20	1	0.20	0.20	0.20	0.20	0.20	mL/L
SETTLEABLE SOLIDS	DMR1	SP-1	0.10	19	0.10	0.00	0.10	0.10	0.10	mL/L
SETTLEABLE SOLIDS	DMR2	SP-1	0.10	18	0.10	0.00	0.10	0.10	0.10	mL/L
SETTLEABLE SOLIDS	DMR3	SP-1	0.10	37	0.10	0.00	0.10	0.10	0.10	mL/L
SETTLEABLE SOLIDS	DMR4	SP-1	0.10	35	0.10	0.00	0.10	0.10	0.10	mL/L
TOTAL COLIFORM	6460	SP7, SP8	10900.00	1	10900.00	10900.00	10900.00	10900.00	10900.00	/100M
TOTAL COLIFORM	6460	SP7, SP9	460.00	1	460.00	460.00	460.00	460.00	460.00	/100M
TOTAL COLIFORM	6460	SP-8	10900.00	1	10900.00	10900.00	10900.00	10900.00	10900.00	/100M
TOTAL COLIFORM	6460	SP-9	460.00	1	460.00	460.00	460.00	460.00	460.00	/100M
TOTAL COLIFORM	6460	SP10+11	321.68	4	254.43	213.28	126.00	372.00	505.00	/100M
TOTAL KJELDAHL NITROGEN	6297	SP2+3	0.50	5	0.50	0.00	0.50	0.50	0.50	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP-4	0.50	5	0.50	0.00	0.50	0.50	0.50	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP5+6	1.78	5	1.85	2.69	0.60	6.67	6.67	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP-7	71.44	5	63.08	49.20	12.50	142.00	142.00	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP8+9	13.77	5	13.77	0.75	13.10	14.90	14.90	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP8+9, SP5+6	1.91	5	1.97	2.66	0.73	6.73	6.73	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP-10	51.40	5	46.18	36.69	13.20	98.60	98.60	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP-11	18.26	5	11.08	5.81	0.70	14.00	14.00	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP11, SP5+6	1.88	5	1.94	2.68	0.67	6.74	6.74	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP-12	65.89	5	47.19	35.86	4.23	96.70	96.70	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP13+14	28.03	5	30.25	57.44	4.11	133.00	133.00	MG/L
TOTAL KJELDAHL NITROGEN	6297	SP13+14, SP2+3	0.79	5	0.79	0.57	0.54	1.81	1.81	MG/L
TOTAL KJELDAHL NITROGEN	6460	SP-7	0.27	5	0.27	0.05	0.22	0.33	0.33	MG/L
TOTAL KJELDAHL NITROGEN	6460	SP7, SP8	13.56	5	11.37	24.80	0.22	55.73	55.73	MG/L
TOTAL KJELDAHL NITROGEN	6460	SP7, SP9	0.54	5	0.54	0.59	0.22	1.59	1.59	MG/L
TOTAL KJELDAHL NITROGEN	6460	SP-8	68.40	1	68.40	68.40	68.40	68.40	68.40	MG/L
TOTAL KJELDAHL NITROGEN	6460	SP-9	1.90	1	1.90	1.90	1.90	1.90	1.90	MG/L
TOTAL KJELDAHL NITROGEN	6460	SP10+11	0.28	5	0.27	0.06	0.19	0.35	0.35	MG/L
TOTAL ORTHOPHOSPHATE	6297	SP2+3	0.13	5	0.13	0.07	0.06	0.21	0.21	MG/L
TOTAL ORTHOPHOSPHATE	6297	SP-4	0.11	5	0.11	0.08	0.09	0.21	0.21	MG/L
TOTAL ORTHOPHOSPHATE	6297	SP5+6	0.18	5	0.17	0.09	0.08	0.32	0.32	MG/L
TOTAL ORTHOPHOSPHATE	6297	SP-7	9.94	5	9.86	4.28	6.38	17.30	17.30	MG/L
TOTAL ORTHOPHOSPHATE	6297	SP8+9	11.04	5	11.04	0.70	10.15	12.10	12.10	MG/L
TOTAL ORTHOPHOSPHATE	6297	SP8+9, SP5+6	0.28	5	0.28	0.09	0.18	0.42	0.42	MG/L
TOTAL ORTHOPHOSPHATE	6297	SP-10	7.52	5	7.24	3.37	3.15	11.00	11.00	MG/L
TOTAL ORTHOPHOSPHATE	6297	SP-11	10.74	5	10.74	0.79	9.68	11.50	11.50	MG/L
TOTAL ORTHOPHOSPHATE	6297	SP11, SP5+6	0.28	5	0.28	0.09	0.20	0.42	0.42	MG/L

## Appendix D: Summary Statistics at Each Sample Point for Pollutants of Concern

Subcategory=Flow-thru  
(continued)

Analyte	Episode	Sample Point	Total Number of LTA Values	Obs Dev	Obs Value	Mean Value	Std Dev	Min Value	Max Value	Min Value	Max Value	Min Value	Max Value
TOTAL ORTHOPHOSPHATE	6297	SP-12	15.84	8.21	14.60	8.21	4.30	4.30	24.60	0.05	0.05	0.05	0.05
TOTAL ORTHOPHOSPHATE	6297	SPI3+I4	0.32	0.19	0.31	0.14	0.18	0.18	0.51	0.05	0.05	0.05	0.05
TOTAL ORTHOPHOSPHATE	6297	SPI3+I4,SP2+3	0.13	0.07	0.13	0.06	0.09	0.09	0.21	0.05	0.05	0.05	0.05
TOTAL ORTHOPHOSPHATE	6460	SP-7	0.02	0.01	0.02	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.03
TOTAL ORTHOPHOSPHATE	6460	SP7,SP8	16.67	12.12	5.44	12.12	0.01	0.01	27.11	0.03	0.03	0.03	0.03
TOTAL ORTHOPHOSPHATE	6460	SP7,SP9	0.08	0.13	0.08	0.13	0.01	0.01	0.30	0.03	0.03	0.03	0.03
TOTAL ORTHOPHOSPHATE	6460	SP-8	33.30	1	33.30	33.30	33.30	33.30	33.30	0.37	0.37	0.37	0.37
TOTAL ORTHOPHOSPHATE	6460	SP-9	0.37	1	0.37	0.37	0.37	0.37	0.37	0.01	0.01	0.01	0.01
TOTAL ORTHOPHOSPHATE	6460	SPI0+I1	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02
TOTAL PHOSPHORUS	6297	SP2+3	0.13	0.08	0.12	0.08	0.09	0.09	0.26	0.05	0.05	0.05	0.05
TOTAL PHOSPHORUS	6297	SP-4	0.14	0.08	0.14	0.08	0.07	0.07	0.25	0.05	0.05	0.05	0.05
TOTAL PHOSPHORUS	6297	SP5+6	0.17	0.08	0.17	0.04	0.15	0.15	0.24	0.05	0.05	0.05	0.05
TOTAL PHOSPHORUS	6297	SP-7	27.32	14.42	26.20	14.42	10.50	10.50	41.80	0.24	0.24	0.24	0.24
TOTAL PHOSPHORUS	6297	SP8+9	10.17	0.54	10.16	0.54	9.67	9.67	10.90	0.24	0.24	0.24	0.24
TOTAL PHOSPHORUS	6297	SP8+9,SP5+6	0.27	0.08	0.27	0.08	0.15	0.15	0.34	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	6297	SP-10	39.43	8.46	12.08	8.46	0.20	0.20	22.90	0.13	0.13	0.13	0.13
TOTAL PHOSPHORUS	6297	SP-11	9.49	1.35	9.48	1.35	8.32	8.32	11.10	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	6297	SPI1,SP5+6	0.26	0.09	0.26	0.06	0.23	0.23	0.34	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	6297	SP-12	62.13	36.82	38.93	36.82	2.34	2.34	80.40	0.13	0.13	0.13	0.13
TOTAL PHOSPHORUS	6297	SPI3+I4	0.64	0.16	0.63	0.16	0.39	0.39	0.78	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	6297	SPI3+I4,SP2+3	0.13	0.08	0.13	0.08	0.09	0.09	0.27	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	6460	SP-7	0.04	0.02	0.04	0.02	0.03	0.03	0.06	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	6460	SP7,SP8	27.32	22.23	9.99	22.23	0.03	0.03	49.75	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	6460	SP7,SP9	0.10	0.12	0.10	0.12	0.03	0.03	0.30	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	6460	SP-8	61.10	1	61.10	61.10	61.10	61.10	61.10	0.36	0.36	0.36	0.36
TOTAL PHOSPHORUS	6460	SP-9	0.36	1	0.36	0.36	0.36	0.36	0.36	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	6460	SPI0+I1	0.05	0.01	0.05	0.01	0.04	0.04	0.06	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	DMR1	SP-1	0.09	0.14	0.10	0.14	0.01	0.01	0.54	0.06	0.06	0.06	0.06
TOTAL PHOSPHORUS	DMR2	SP-1	0.21	0.08	0.17	0.08	0.01	0.01	0.30	0.06	0.06	0.06	0.06
TOTAL SUSPENDED SOLIDS	6297	SP2+3	4.10	0.22	4.10	0.22	4.50	4.50	4.50	4.00	4.00	4.00	4.00
TOTAL SUSPENDED SOLIDS	6297	SP-4	4.00	0.00	4.00	0.00	4.50	4.50	4.50	4.00	4.00	4.00	4.00
TOTAL SUSPENDED SOLIDS	6297	SP5+6	4.00	0.00	4.00	0.00	4.50	4.50	4.50	4.00	4.00	4.00	4.00
TOTAL SUSPENDED SOLIDS	6297	SP-7	976.16	5	933.20	521.77	363.00	363.00	1710.00	4.00	4.00	4.00	4.00
TOTAL SUSPENDED SOLIDS	6297	SP-8	58.10	12.34	57.80	12.34	44.00	44.00	70.00	4.00	4.00	4.00	4.00
TOTAL SUSPENDED SOLIDS	6297	SP8+9	4.53	0.12	4.53	0.12	4.40	4.40	4.65	4.00	4.00	4.00	4.00
TOTAL SUSPENDED SOLIDS	6297	SP8+9,SP5+6	597.10	376.76	592.20	212.37	540.00	540.00	1040.00	4.00	4.00	4.00	4.00
TOTAL SUSPENDED SOLIDS	6297	SP-10	69.73	8.41	69.60	8.41	56.00	56.00	78.00	4.00	4.00	4.00	4.00
TOTAL SUSPENDED SOLIDS	6297	SPI1,SP5+6	4.65	0.08	4.65	0.08	707.00	707.00	4050.00	4.51	4.51	4.51	4.51
TOTAL SUSPENDED SOLIDS	6297	SP-12	2829.90	1289.63	2593.40	1289.63	8.40	8.40	14.80	4.00	4.00	4.00	4.00
TOTAL SUSPENDED SOLIDS	6297	SPI3+I4	11.17	2.39	11.12	2.39	4.60	4.60	4.60	4.04	4.04	4.04	4.04
TOTAL SUSPENDED SOLIDS	6297	SPI3+I4,SP2+3	4.17	0.24	4.17	0.24	4.60	4.60	4.60	4.04	4.04	4.04	4.04

Appendix D: Summary Statistics at Each Sample Point for Pollutants of Concern  
 Subcategory=Flow-thru  
 (continued)

Analyte	Sample Episode Point	Total Number of LTA Values	Est LTA Values	Total Number of ND	Obs Mean Value	Obs Std Dev	Mean Value	Std Dev	Min Value	Max Value	Min Value	Max Value	Unit
TOTAL SUSPENDED SOLIDS	6460 SP-7	4.00	4.00	5	4.00	0.00	9607.52	9607.52	9607.52	9607.52	4.00	4.00	MG/L
TOTAL SUSPENDED SOLIDS	6460 SP7, SP8	1924.70	1924.70	5	4.00	4294.82	9607.52	9607.52	9607.52	9607.52	4.00	4.00	MG/L
TOTAL SUSPENDED SOLIDS	6460 SP7, SP9	9.54	9.54	4	9.54	12.38	31.68	31.68	31.68	31.68	4.00	4.00	MG/L
TOTAL SUSPENDED SOLIDS	6460 SP-8	11800.00	11800.00	1	0	11800.00	11800.00	11800.00	11800.00	11800.00	4.00	4.00	MG/L
TOTAL SUSPENDED SOLIDS	6460 SP-9	38.00	38.00	1	0	38.00	38.00	38.00	38.00	38.00	4.00	4.00	MG/L
TOTAL SUSPENDED SOLIDS	6460 SP10+11	4.00	4.00	5	4.00	0.00	38.00	38.00	38.00	38.00	4.00	4.00	MG/L
TOTAL SUSPENDED SOLIDS	DMR1 SP-1	1.78	1.78	19	0	1.08	1.79	1.08	1.00	5.00	4.00	4.00	MG/L
TOTAL SUSPENDED SOLIDS	DMR2 SP-1	3.12	3.12	16	0	3.31	3.19	3.31	1.00	12.00	4.00	4.00	MG/L
TOTAL SUSPENDED SOLIDS	DMR3 SP-1	3.70	3.70	37	0	1.25	3.69	1.25	1.70	7.00	4.00	4.00	MG/L
TOTAL SUSPENDED SOLIDS	DMR4 SP-1	2.68	2.68	34	0	2.07	2.70	2.07	0.60	9.60	4.00	4.00	MG/L
ZINC	6297 SP2+3	5.00	5.00	5	5.00	0.00	5.00	0.00	5.00	5.00	5.00	5.00	UG/L
ZINC	6297 SP-4	5.00	5.00	5	5.00	0.00	5.00	0.00	5.00	5.00	5.00	5.00	UG/L
ZINC	6297 SP5+6	5.18	5.18	5	4	0.40	5.90	0.40	5.90	5.90	5.00	5.00	UG/L
ZINC	6297 SP-7	1193.10	1193.10	5	0	517.47	1127.60	517.47	386.00	1640.00	5.00	5.00	UG/L
ZINC	6297 SP8+9	70.67	70.67	5	0	5.02	70.63	5.02	63.00	75.80	5.00	5.00	UG/L
ZINC	6297 SP8+9, SP5+6	5.83	5.83	5	0	0.43	5.83	0.43	5.57	6.59	5.00	5.00	UG/L
ZINC	6297 SP-10	890.91	890.91	5	0	226.60	885.00	226.60	625.00	1170.00	5.00	5.00	UG/L
ZINC	6297 SP-11	96.23	96.23	5	0	20.47	95.48	20.47	61.80	116.00	5.00	5.00	UG/L
ZINC	6297 SP11, SP5+6	6.07	6.07	5	4	0.23	6.45	0.23	6.45	6.45	5.89	6.10	UG/L
ZINC	6297 SP-12	2691.93	2691.93	5	0	926.00	2612.00	926.00	1180.00	3350.00	5.00	5.00	UG/L
ZINC	6297 SP13+14	12.89	12.89	5	0	1.63	12.87	1.63	10.90	15.40	5.00	5.00	UG/L
ZINC	6297 SP13+14, SP2+3	5.08	5.08	5	5	0.02	5.08	0.02	10.90	15.40	5.00	5.00	UG/L
ZINC	6460 SP-7	1.58	1.58	5	1	0.47	1.70	0.41	1.10	2.00	1.00	1.00	UG/L
ZINC	6460 SP7, SP8	2208.88	2208.88	5	0	1371.95	615.25	1371.95	1.10	3069.47	1.00	1.00	UG/L
ZINC	6460 SP7, SP9	6.09	6.09	5	0	10.32	6.31	10.32	1.10	24.77	1.00	1.00	UG/L
ZINC	6460 SP-8	3770.00	3770.00	1	0	3770.00	3770.00	3770.00	3770.00	3770.00	1.00	1.00	UG/L
ZINC	6460 SP-9	30.20	30.20	1	0	30.20	30.20	30.20	30.20	30.20	1.00	1.00	UG/L
ZINC	6460 SP10+11	3.12	3.12	5	1	2.56	3.26	2.72	1.15	6.85	1.00	1.00	UG/L

Subcategory=Recirculating

Analyte	Sample Episode Point	Total Number of LTA Values	Est LTA Values	Total Number of ND	Obs Mean Value	Obs Std Dev	Mean Value	Std Dev	Min Value	Max Value	Min Value	Max Value	Unit
AEROMONAS	6439 SP-2	84654.98	84654.98	5	0	67476.60	82780.00	67476.60	35000.00	200000.00	27600.00	200000.00	/100M
AEROMONAS	6439 SP-8	65215.77	65215.77	5	0	75493.56	65540.00	75493.56	27600.00	200000.00	27600.00	200000.00	/100M

## Appendix D: Summary Statistics at Each Sample Point for Pollutants of Concern

(continued)

Analyte	Sample Episode Point	Total Number of		Obs Mean Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
		Est LTA Values	Number ND								
ALUMINUM	6439 SP-2	24.40	5	24.40	54.00	146.25	54.00	54.00	17.00	17.00	UG/L
ALUMINUM	6439 SP-3	431.48	5	146.25	424.60	348.86	247.00	583.00	17.00	17.00	UG/L
ALUMINUM	6439 SP-4	223.42	5	208.40	256.25	26.50	67.70	779.00	17.00	17.00	UG/L
ALUMINUM	6439 SP-8	61.94	5	33.69	72.12	11.80	47.10	109.00	17.00	17.00	UG/L
ALUMINUM	6439 SP9+11	37.03	5	19.85	49.88	11.80	38.10	61.70	17.00	17.00	UG/L
AMMONIA AS NITROGEN	6439 SP-2	1.38	5	1.37	1.37	0.41	1.09	2.08			MG/L
AMMONIA AS NITROGEN	6439 SP-3	2.24	5	2.22	2.22	0.71	1.60	3.05			MG/L
AMMONIA AS NITROGEN	6439 SP-4	2.60	5	2.52	2.52	0.97	1.10	3.69			MG/L
AMMONIA AS NITROGEN	6439 SP-8	2.12	5	2.06	2.06	0.95	1.02	3.28			MG/L
AMMONIA AS NITROGEN	6439 SP9+11	1.85	5	1.81	1.81	0.91	0.97	3.23			MG/L
BARIUM	6439 SP-2	27.56	5	27.56	27.56	0.84	26.40	28.60			UG/L
BARIUM	6439 SP-3	77.29	5	12.48	77.08	12.48	60.90	94.00			UG/L
BARIUM	6439 SP-4	54.61	5	30.60	54.34	30.60	38.20	109.00			UG/L
BARIUM	6439 SP-8	35.71	5	35.70	35.70	1.38	34.20	37.90			UG/L
BARIUM	6439 SP9+11	34.02	5	0.88	34.02	0.88	33.05	34.95			UG/L
BIOCHEMICAL OXYGEN DEMAND	6439 SP-2	48.93	5	48.80	48.80	7.56	38.00	59.00			MG/L
BIOCHEMICAL OXYGEN DEMAND	6439 SP-3	366.18	5	209.63	355.60	209.63	198.00	624.00			MG/L
BIOCHEMICAL OXYGEN DEMAND	6439 SP-4	187.12	5	238.17	190.40	238.17	68.00	616.00			MG/L
BIOCHEMICAL OXYGEN DEMAND	6439 SP-8	54.94	5	12.95	54.60	12.95	38.00	73.00			MG/L
BIOCHEMICAL OXYGEN DEMAND	6439 SP9+11	45.83	5	3.77	45.80	3.77	42.00	52.00			MG/L
BORON	6439 SP-2	270.46	5	26.66	270.20	26.66	236.00	309.00			UG/L
BORON	6439 SP-3	246.02	5	29.85	245.60	29.85	203.00	278.00			UG/L
BORON	6439 SP-4	237.10	5	26.97	236.80	26.97	208.00	270.00			UG/L
BORON	6439 SP-8	283.81	5	93.03	282.20	93.03	208.00	442.00			UG/L
BORON	6439 SP9+11	240.14	5	18.61	240.00	18.61	216.50	265.50			UG/L
CHEMICAL OXYGEN DEMAND (COD)	6439 SP-2	94.35	5	25.05	93.40	25.05	59.00	118.00			MG/L
CHEMICAL OXYGEN DEMAND (COD)	6439 SP-3	776.30	5	222.20	770.60	222.20	532.00	1100.00			MG/L
CHEMICAL OXYGEN DEMAND (COD)	6439 SP-4	249.92	5	225.92	249.60	225.92	134.00	652.00			MG/L
CHEMICAL OXYGEN DEMAND (COD)	6439 SP-8	126.66	5	66.31	123.40	66.31	58.00	227.00			MG/L
CHEMICAL OXYGEN DEMAND (COD)	6439 SP9+11	119.35	5	42.62	118.50	42.62	86.50	189.50			MG/L
COPPER	6439 SP-2	15.91	5	1.35	15.90	1.35	14.00	17.60			UG/L
COPPER	6439 SP-3	70.54	5	11.79	70.26	11.79	51.30	83.50			UG/L
COPPER	6439 SP-4	48.85	5	63.19	49.98	63.19	20.40	163.00			UG/L
COPPER	6439 SP-8	19.07	5	1.45	19.06	1.45	16.90	20.70			UG/L
COPPER	6439 SP9+11	16.79	5	0.72	16.79	0.72	15.80	17.80			UG/L
FECAL STREPTOCOCCUS	6439 SP-2	65130.94	5	81484.80	55620.00	81484.80	5100.00	200000.00			/100M
FECAL STREPTOCOCCUS	6439 SP-8	154354.32	5	86018.60	137200.00	86018.60	40000.00	200000.00			/100M
HEXANE EXTRACTABLE MATERIAL	6439 SP-2	6.31	5	1.86	6.30	1.06	7.50	9.00	5.00		MG/L
HEXANE EXTRACTABLE MATERIAL	6439 SP-3	10.60	5	4.23	10.50	4.23	7.00	17.50			MG/L

Appendix D: Summary Statistics at Each Sample Point for Pollutants of Concern

----- Subcategory=Recirculating -----  
(continued)

Analyte	Episode	Sample Point	Total Number of		Obs Mean Value	Std Dev	Mean Value	Std Dev	Min Value	Max Value	Min Value	Max Value	Unit
			Est LTA Values	Number of ND									
HEXANE EXTRACTABLE MATERIAL	6439	SP-4	6.62	5	1.39	1.22	7.00	1.22	5.50	8.50	5.00	8.50	5.00 MG/L
	6439	SP-8	10.09	5	4.76	4.62	12.33	4.62	7.00	15.00	6.00	15.00	6.00 MG/L
	6439	SP9+11	6.49	5	1.52	1.77	7.75	1.77	6.50	9.00	5.00	9.00	6.00 MG/L
HEXANOIC ACID	6439	SP-2	10.00	2	0.00		10.00		10.00		10.00		10.00 UG/L
	6439	SP-3	10.00	2	0.00		10.00		10.00		10.00		10.00 UG/L
	6439	SP-4	10.00	2	0.00		10.00		10.00		10.00		10.00 UG/L
	6439	SP-8	10.00	2	0.00		10.00		10.00		10.00		10.00 UG/L
IRON	6439	SP9+11	10.00	2	0.00		10.00		10.00		10.00		10.00 UG/L
	6439	SP-2	95.22	5	54.43	33.81	114.60	33.81	79.50	146.00	12.00	146.00	12.00 UG/L
IRON	6439	SP-3	1502.38	5	415.57	415.57	1487.00	415.57	935.00	1970.00		1970.00	UG/L
	6439	SP-4	716.01	5	1248.11	1248.11	757.60	1248.11	177.00	2990.00		2990.00	UG/L
IRON	6439	SP-8	117.01	5	60.38	16.87	143.00	16.87	123.00	161.00	12.00	161.00	12.00 UG/L
	6439	SP9+11	75.92	5	58.41	4.27	118.50	4.27	114.00	122.50	12.00	122.50	12.00 UG/L
MANGANESE	6439	SP-2	114.92	5	39.40	39.40	112.04	39.40	53.20	160.00		160.00	UG/L
	6439	SP-3	575.65	5	122.40	122.40	572.20	122.40	398.00	720.00		720.00	UG/L
	6439	SP-4	246.12	5	264.25	264.25	245.60	264.25	100.00	715.00		715.00	UG/L
	6439	SP-8	128.53	5	21.48	21.48	128.20	21.48	108.00	158.00		158.00	UG/L
MANGANESE	6439	SP9+11	119.28	5	20.62	20.62	118.98	20.62	104.00	147.50		147.50	UG/L
	6439	SP-2	118.55	5	14.40	14.40	118.36	14.40	98.80	133.00		133.00	MG/L
NITRATE/NITRITE	6439	SP-3	86.20	5	16.73	16.73	85.74	16.73	60.70	100.00		100.00	MG/L
	6439	SP-4	82.00	5	13.78	13.78	81.74	13.78	66.10	95.90		95.90	MG/L
NITRATE/NITRITE	6439	SP-8	77.91	5	21.48	21.48	77.30	21.48	54.10	101.00		101.00	MG/L
	6439	SP9+11	105.90	5	10.35	10.35	105.78	10.35	89.50	115.00		115.00	MG/L
SELENIUM	6439	SP-2	9.30	5	9.77	9.30	2.50	2.50	2.50	2.50	2.00	2.50	20.00 UG/L
	6439	SP-3	16.68	5	7.42	16.68	3.40	3.40	3.40	3.40	20.00	3.40	20.00 UG/L
	6439	SP-4	7.21	5	7.56	7.08	5.70	2.55	3.90	7.50	2.00	7.50	20.00 UG/L
	6439	SP-8	2.00	5	0.00	2.00	2.00		2.00	2.00	2.00	2.00	2.00 UG/L
SELENIUM	6439	SP9+11	6.37	5	4.71	6.04	5.73	4.88	2.55	11.35	2.00	11.35	11.00 UG/L
	6439	SP-2	0.14	5	0.09	0.14	0.30	0.30	0.30	0.30	0.10	0.30	0.10 mL/L
SETTLEABLE SOLIDS	6439	SP-3	25.62	5	2.70	2.70	25.60	2.70	23.00	30.00		30.00	mL/L
	6439	SP-4	11.39	5	16.48	16.48	9.75	16.48	0.75	39.00		39.00	mL/L
SETTLEABLE SOLIDS	6439	SP-8	0.65	5	0.34	0.19	0.78	0.19	0.50	0.90	0.10	0.90	0.10 mL/L
	6439	SP9+11	0.17	5	0.11	0.13	0.20	0.13	0.10	0.35	0.10	0.35	0.10 mL/L
TOTAL COLIFORM	6439	SP-2	209212.56	5	103619.07	87020.00	87020.00	103619.07	2900.00	200000.00		200000.00	/100M
	6439	SP-8	159608.05	5	68772.81	151200.00	151200.00	68772.81	55000.00	200000.00		200000.00	/100M
TOTAL KJELDAHL NITROGEN	6439	SP-2	3.83	5	1.61	1.61	3.81	1.61	2.76	6.65		6.65	MG/L
	6439	SP-3	55.62	5	22.90	53.88	22.90	53.88	24.30	82.40		82.40	MG/L
TOTAL KJELDAHL NITROGEN	6439	SP-4	17.71	5	12.39	15.91	15.91	12.39	3.86	33.00		33.00	MG/L
	6439	SP-8	21.48	5	33.80	33.80	22.36	33.80	6.22	82.80		82.80	MG/L

Appendix D: Summary Statistics at Each Sample Point for Pollutants of Concern

----- Subcategory=Recirculating -----  
 (continued)

Analyte	Sample Episode Point	Total Number of LTA Values	Obs Std Dev	Obs Mean Value	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
TOTAL KJELDAHL NITROGEN	6439 SP9+11	4.37 5	1.37	4.32	1.37	2.60	5.80	ND	ND	MG/L
TOTAL ORTHOPHOSPHATE	6439 SP-2	9.96 5	1.65	9.94	1.65	8.72	12.60	ND	ND	MG/L
TOTAL ORTHOPHOSPHATE	6439 SP-3	6.81 5	0.26	6.81	0.26	6.56	7.24	ND	ND	MG/L
TOTAL ORTHOPHOSPHATE	6439 SP-4	6.84 5	0.61	6.83	0.61	5.99	7.58	ND	ND	MG/L
TOTAL ORTHOPHOSPHATE	6439 SP-8	8.36 5	0.73	8.36	0.73	7.58	9.52	ND	ND	MG/L
TOTAL ORTHOPHOSPHATE	6439 SP9+11	9.45 5	2.85	9.42	2.85	7.98	14.50	ND	ND	MG/L
TOTAL PHOSPHORUS	6439 SP-2	11.32 5	1.94	11.29	1.94	8.83	14.10	ND	ND	MG/L
TOTAL PHOSPHORUS	6439 SP-3	12.20 5	5.77	11.96	5.77	7.32	18.40	ND	ND	MG/L
TOTAL PHOSPHORUS	6439 SP-4	11.13 5	4.33	11.06	4.33	7.95	18.60	ND	ND	MG/L
TOTAL PHOSPHORUS	6439 SP-8	10.03 5	1.70	10.01	1.70	8.71	12.70	ND	ND	MG/L
TOTAL PHOSPHORUS	6439 SP9+11	10.92 5	3.85	10.86	3.85	8.27	17.50	ND	ND	MG/L
TOTAL SUSPENDED SOLIDS	6439 SP-2	46.29 5	6.30	46.20	6.30	38.00	55.00	ND	ND	MG/L
TOTAL SUSPENDED SOLIDS	6439 SP-3	581.74 5	334.20	548.60	334.20	180.00	1030.00	ND	ND	MG/L
TOTAL SUSPENDED SOLIDS	6439 SP-4	272.63 5	407.46	281.60	407.46	84.00	1010.00	ND	ND	MG/L
TOTAL SUSPENDED SOLIDS	6439 SP-8	58.27 5	16.89	57.20	16.89	30.00	74.00	ND	ND	MG/L
TOTAL SUSPENDED SOLIDS	6439 SP9+11	47.09 5	12.07	46.60	12.07	28.50	61.00	ND	ND	MG/L
ZINC	6439 SP-2	31.94 5	17.88	31.88	17.88	34.80	47.30	1.00	1.00	UG/L
ZINC	6439 SP-3	557.48 5	156.64	552.80	156.64	365.00	781.00	ND	ND	UG/L
ZINC	6439 SP-4	239.41 5	366.75	248.26	366.75	69.90	904.00	ND	ND	UG/L
ZINC	6439 SP-8	68.12 5	8.92	68.00	8.92	57.50	79.70	ND	ND	UG/L
ZINC	6439 SP9+11	38.26 5	34.69	38.03	34.69	50.05	70.05	1.00	1.00	UG/L