

Appendix A. Relative status in water quality parameters for the Virginia tributaries and Chesapeake Bay Mainstem for the period of 2002 to 2004. Parameter abbreviations are as follows: STN=Surface total nitrogen, DIN=Surface dissolved inorganic nitrogen, STP=Surface total phosphorus, SDIP=Surface dissolved inorganic phosphorus, CHLA=Surface chlorophyll *a*, TSS=Surface total suspended solids, SECCHI=Secchi depth, DISOXY=Bottom dissolved oxygen. Season definitions are provided in the Methods section of the report.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
APPTF	TN	Annual	0.81	13.37	Good	0.83	10.23	Good
APPTF	DIN	Annual	0.31	15.30	Good	0.33	14.96	Good
APPTF	STP	Annual	0.09	34.68	Fair	0.09	29.60	Good
APPTF	PO4F	Annual	0.02	33.25	Good	0.02	38.09	Fair
APPTF	CHLA	Annual	6.64	35.94	Good	-	-	-
APPTF	TSS	Annual	21.00	64.51	Poor	29.00	48.20	Fair
APPTF	SECCHI	Annual	0.40	36.37	Fair	-	-	-
JMSTF1	TN	Annual	0.92	16.31	Good	1.05	18.75	Good
JMSTF1	DIN	Annual	0.46	23.80	Good	0.45	23.26	Good
JMSTF1	STP	Annual	0.08	31.25	Good	0.11	39.91	Fair
JMSTF1	PO4F	Annual	0.02	35.84	Fair	0.02	40.30	Fair
JMSTF1	CHLA	Annual	5.60	32.61	Good	-	-	-
JMSTF1	TSS	Annual	29.00	77.17	Poor	58.00	79.02	Poor
JMSTF1	SECCHI	Annual	0.40	21.12	Poor	-	-	-
JMSTF2	TN	Annual	0.73	9.41	Good	0.79	9.01	Good
JMSTF2	DIN	Annual	0.38	18.74	Good	0.44	20.20	Good
JMSTF2	STP	Annual	0.06	23.82	Good	0.08	23.23	Good
JMSTF2	PO4F	Annual	0.03	42.20	Fair	0.03	48.45	Fair
JMSTF2	CHLA	Annual	1.34	5.56	Good	-	-	-
JMSTF2	TSS	Annual	7.00	20.01	Good	21.00	25.09	Good
JMSTF2	SECCHI	Annual	0.85	88.49	Good	-	-	-
CHKOH	TN	Annual	0.71	10.60	Good	0.71	11.39	Good
CHKOH	DIN	Annual	0.15	10.52	Good	0.13	9.69	Good
CHKOH	STP	Annual	0.07	28.96	Good	0.08	25.75	Good
CHKOH	PO4F	Annual	0.01	29.91	Good	0.01	34.24	Good
CHKOH	CHLA	Annual	11.62	52.42	Fair	-	-	-
CHKOH	TSS	Annual	17.00	54.62	Fair	33.00	52.41	Fair
CHKOH	SECCHI	Annual	0.50	36.37	Fair	-	-	-
JMSOH	TN	Annual	0.81	14.98	Good	0.85	16.41	Good
JMSOH	DIN	Annual	0.38	25.11	Good	0.35	28.21	Good
JMSOH	STP	Annual	0.07	32.83	Good	0.10	46.26	Fair
JMSOH	PO4F	Annual	0.03	49.17	Fair	0.03	54.96	Fair
JMSOH	CHLA	Annual	6.41	26.66	Good	-	-	-
JMSOH	TSS	Annual	22.25	71.21	Poor	50.50	73.61	Poor
JMSOH	SECCHI	Annual	0.45	21.12	Poor	-	-	-
JMSMH	TN	Annual	0.65	21.39	Good	0.64	41.76	Fair
JMSMH	DIN	Annual	0.25	38.91	Fair	0.20	50.05	Fair
JMSMH	STP	Annual	0.06	45.12	Fair	0.07	62.54	Fair
JMSMH	PO4F	Annual	0.03	83.14	Poor	0.03	82.81	Poor

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
JMSMH	CHLA	Annual	6.58	24.66	Good	-	-	-
JMSMH	TSS	Annual	13.25	54.31	Fair	30.50	78.18	Poor
JMSMH	SECCHI	Annual	0.80	25.33	Poor	-	-	-
JMSPH	TN	Annual	0.51	30.06	Good	0.48	46.72	Fair
JMSPH	DIN	Annual	0.10	39.94	Fair	0.09	47.88	Fair
JMSPH	STP	Annual	0.04	50.21	Fair	0.04	38.86	Fair
JMSPH	PO4F	Annual	0.01	60.54	Fair	0.01	34.72	Good
JMSPH	CHLA	Annual	8.82	52.66	Fair	-	-	-
JMSPH	TSS	Annual	10.01	57.30	Fair	14.83	42.47	Fair
JMSPH	SECCHI	Annual	1.05	19.14	Poor	-	-	-
EBEMH	TN	Annual	0.85	80.49	Poor	0.77	76.00	Poor
EBEMH	DIN	Annual	0.40	88.40	Poor	0.35	93.81	Poor
EBEMH	STP	Annual	0.05	72.33	Poor	0.05	52.63	Fair
EBEMH	PO4F	Annual	0.02	84.69	Poor	0.03	84.20	Poor
EBEMH	CHLA	Annual	6.09	29.20	Good	-	-	-
EBEMH	TSS	Annual	8.31	42.55	Fair	11.36	29.17	Good
EBEMH	SECCHI	Annual	1.00	25.33	Poor	-	-	-
WBEMH	TN	Annual	0.70	57.35	Fair	0.69	68.05	Poor
WBEMH	DIN	Annual	0.20	59.41	Fair	0.21	68.77	Poor
WBEMH	STP	Annual	0.06	70.02	Poor	0.06	54.28	Fair
WBEMH	PO4F	Annual	0.02	74.85	Poor	0.02	63.50	Poor
WBEMH	CHLA	Annual	11.64	56.83	Fair	-	-	-
WBEMH	TSS	Annual	15.93	79.15	Poor	20.21	65.06	Poor
WBEMH	SECCHI	Annual	0.70	9.75	Poor	-	-	-
SBEMH	TN	Annual	1.11	95.56	Poor	0.99	91.59	Poor
SBEMH	DIN	Annual	0.58	96.14	Poor	0.50	98.22	Poor
SBEMH	STP	Annual	0.06	64.96	Fair	0.06	64.65	Poor
SBEMH	PO4F	Annual	0.03	96.25	Poor	0.03	92.43	Poor
SBEMH	CHLA	Annual	3.62	7.90	Good	-	-	-
SBEMH	TSS	Annual	7.75	35.60	Good	9.28	24.32	Good
SBEMH	SECCHI	Annual	0.90	15.96	Poor	-	-	-
ELIPH	TN	Annual	0.65	55.20	Fair	0.60	63.99	Fair
ELIPH	DIN	Annual	0.28	72.58	Poor	0.23	87.54	Poor
ELIPH	STP	Annual	0.05	59.16	Fair	0.06	72.57	Poor
ELIPH	PO4F	Annual	0.02	85.24	Poor	0.02	77.09	Poor
ELIPH	CHLA	Annual	10.23	58.42	Fair	-	-	-
ELIPH	TSS	Annual	10.31	54.29	Fair	18.02	47.95	Fair
ELIPH	SECCHI	Annual	0.95	19.14	Poor	-	-	-
PMKTF	TN	Annual	0.87	14.48	Good	0.87	11.96	Good
PMKTF	DIN	Annual	0.45	22.78	Good	0.43	20.13	Good
PMKTF	STP	Annual	0.08	29.31	Good	0.07	21.93	Good
PMKTF	PO4F	Annual	0.02	30.73	Good	0.01	34.24	Good
PMKTF	CHLA	Annual	1.98	9.13	Good	-	-	-
PMKTF	TSS	Annual	18.00	56.40	Fair	19.00	25.09	Good
PMKTF	SECCHI	Annual	0.50	36.37	Fair	-	-	-
PMKOH	TN	Annual	0.80	20.67	Good	1.00	37.55	Fair

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
PMKOH	DIN	Annual	0.27	23.04	Good	0.24	26.38	Good
PMKOH	STP	Annual	0.09	54.99	Fair	0.15	70.98	Poor
PMKOH	PO4F	Annual	0.02	60.02	Fair	0.02	54.96	Fair
PMKOH	CHLA	Annual	5.80	20.56	Good	-	-	-
PMKOH	TSS	Annual	36.00	90.26	Poor	89.00	92.69	Poor
PMKOH	SECCHI	Annual	0.40	10.60	Poor	-	-	-
MPNTF	TN	Annual	0.69	8.85	Good	0.68	6.29	Good
MPNTF	DIN	Annual	0.31	15.18	Good	0.31	14.15	Good
MPNTF	STP	Annual	0.06	20.16	Good	0.06	16.89	Good
MPNTF	PO4F	Annual	0.01	25.18	Good	0.01	29.39	Good
MPNTF	CHLA	Annual	1.28	5.79	Good	-	-	-
MPNTF	TSS	Annual	9.00	20.01	Good	11.00	8.41	Good
MPNTF	SECCHI	Annual	0.70	69.36	Good	-	-	-
MPNOH	TN	Annual	0.76	18.14	Good	0.86	18.94	Good
MPNOH	DIN	Annual	0.24	25.25	Good	0.22	20.79	Good
MPNOH	STP	Annual	0.10	48.94	Fair	0.11	58.55	Fair
MPNOH	PO4F	Annual	0.02	52.26	Fair	0.02	44.64	Fair
MPNOH	CHLA	Annual	3.25	11.16	Good	-	-	-
MPNOH	TSS	Annual	37.00	92.41	Poor	52.50	86.12	Poor
MPNOH	SECCHI	Annual	0.40	12.26	Poor	-	-	-
YRKMH	TN	Annual	0.72	33.40	Good	0.87	69.52	Poor
YRKMH	DIN	Annual	0.21	45.00	Fair	0.21	41.70	Fair
YRKMH	STP	Annual	0.07	66.68	Poor	0.13	95.00	Poor
YRKMH	PO4F	Annual	0.02	74.06	Poor	0.02	64.83	Poor
YRKMH	CHLA	Annual	13.11	51.50	Fair	-	-	-
YRKMH	TSS	Annual	25.50	90.26	Poor	81.00	97.43	Poor
YRKMH	SECCHI	Annual	0.60	7.31	Poor	-	-	-
YRKPH	TN	Annual	0.52	22.79	Good	0.59	68.56	Poor
YRKPH	DIN	Annual	0.10	30.95	Good	0.10	57.25	Fair
YRKPH	STP	Annual	0.05	46.17	Fair	0.07	74.62	Poor
YRKPH	PO4F	Annual	0.01	59.25	Fair	0.01	49.39	Fair
YRKPH	CHLA	Annual	9.27	42.78	Fair	-	-	-
YRKPH	TSS	Annual	9.00	50.48	Fair	26.50	76.37	Poor
YRKPH	SECCHI	Annual	1.05	32.30	Poor	-	-	-
MOBPH	TN	Annual	0.45	17.03	Good	0.46	27.53	Good
MOBPH	DIN	Annual	0.02	19.55	Good	0.03	15.47	Good
MOBPH	STP	Annual	0.03	29.57	Good	0.03	26.09	Good
MOBPH	PO4F	Annual	0.00	23.50	Good	0.00	20.37	Good
MOBPH	CHLA	Annual	10.01	60.55	Fair	-	-	-
MOBPH	TSS	Annual	10.03	50.33	Fair	11.75	32.99	Good
MOBPH	SECCHI	Annual	1.10	25.33	Poor	-	-	-
RPPTF	TN	Annual	0.97	18.48	Good	1.00	16.30	Good
RPPTF	DIN	Annual	0.61	33.24	Good	0.62	32.70	Good
RPPTF	STP	Annual	0.07	25.54	Good	0.08	24.23	Good
RPPTF	PO4F	Annual	0.01	26.77	Good	0.01	31.77	Good
RPPTF	CHLA	Annual	6.11	36.47	Good	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
RPPTF	TSS	Annual	27.50	76.29	Poor	37.88	60.57	Fair
RPPTF	SECCHI	Annual	0.40	21.12	Poor	-	-	-
RPPMH	TN	Annual	0.57	24.03	Good	0.58	35.14	Fair
RPPMH	DIN	Annual	0.06	22.76	Good	0.10	23.83	Good
RPPMH	STP	Annual	0.04	34.72	Fair	0.04	35.25	Good
RPPMH	PO4F	Annual	0.01	32.54	Good	0.01	28.00	Good
RPPMH	CHLA	Annual	10.00	48.35	Fair	-	-	-
RPPMH	TSS	Annual	8.93	39.57	Fair	16.76	47.07	Fair
RPPMH	SECCHI	Annual	1.08	36.07	Fair	-	-	-
RPPOH	TN	Annual	1.00	24.96	Good	1.03	29.06	Good
RPPOH	DIN	Annual	0.41	22.82	Good	0.39	19.00	Good
RPPOH	STP	Annual	0.08	35.81	Fair	0.11	49.02	Fair
RPPOH	PO4F	Annual	0.01	29.18	Good	0.01	31.30	Good
RPPOH	CHLA	Annual	11.80	54.90	Fair	-	-	-
RPPOH	TSS	Annual	32.00	86.89	Poor	63.00	82.75	Poor
RPPOH	SECCHI	Annual	0.30	10.18	Poor	-	-	-
CRRMH	TN	Annual	0.53	22.79	Good	0.55	30.78	Good
CRRMH	DIN	Annual	0.02	19.78	Good	0.03	15.38	Good
CRRMH	STP	Annual	0.03	27.28	Good	0.04	28.12	Good
CRRMH	PO4F	Annual	0.00	32.17	Good	0.01	28.00	Good
CRRMH	CHLA	Annual	9.74	49.87	Fair	-	-	-
CRRMH	TSS	Annual	5.00	18.01	Good	7.00	13.35	Good
CRRMH	SECCHI	Annual	1.30	54.74	Fair	-	-	-
PIAMH	TN	Annual	0.49	16.98	Good	0.52	19.85	Good
PIAMH	DIN	Annual	0.02	17.70	Good	0.04	14.94	Good
PIAMH	STP	Annual	0.02	20.17	Good	0.02	18.07	Good
PIAMH	PO4F	Annual	0.00	22.47	Good	0.00	19.87	Good
PIAMH	CHLA	Annual	9.83	50.64	Fair	-	-	-
PIAMH	TSS	Annual	6.86	30.84	Good	7.68	21.67	Good
PIAMH	SECCHI	Annual	1.40	48.63	Fair	-	-	-
POCMH	TN	Annual	0.68	39.16	Fair	0.67	45.47	Fair
POCMH	DIN	Annual	0.03	19.51	Good	0.04	13.87	Good
POCMH	STP	Annual	0.04	32.56	Good	0.03	28.36	Good
POCMH	PO4F	Annual	0.00	24.96	Good	0.00	20.37	Good
POCMH	CHLA	Annual	10.50	60.37	Fair	-	-	-
POCMH	TSS	Annual	13.36	67.26	Poor	16.60	54.59	Fair
POCMH	SECCHI	Annual	0.75	13.47	Poor	-	-	-
CB5MH	TN	Annual	0.72	38.99	Fair	0.61	63.67	Fair
CB5MH	DIN	Annual	0.11	26.75	Good	0.14	64.05	Fair
CB5MH	STP	Annual	0.02	23.28	Good	0.04	30.09	Good
CB5MH	PO4F	Annual	0.00	27.55	Good	0.00	25.84	Good
CB5MH	CHLA	Annual	9.47	39.30	Fair	-	-	-
CB5MH	TSS	Annual	5.98	23.79	Good	9.65	24.74	Good
CB5MH	SECCHI	Annual	1.60	67.81	Good	-	-	-
CB6PH	TN	Annual	0.47	20.85	Good	0.45	39.35	Fair
CB6PH	DIN	Annual	0.05	23.95	Good	0.10	59.10	Fair

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
CB6PH	STP	Annual	0.02	21.35	Good	0.03	24.74	Good
CB6PH	PO4F	Annual	0.00	23.50	Good	0.00	22.86	Good
CB6PH	CHLA	Annual	8.24	43.27	Fair	-	-	-
CB6PH	TSS	Annual	6.89	32.16	Good	13.23	37.76	Fair
CB6PH	SECCHI	Annual	1.65	61.62	Fair	-	-	-
CB7PH	TN	Annual	0.45	19.02	Good	0.40	29.79	Good
CB7PH	DIN	Annual	0.03	23.92	Good	0.07	36.77	Fair
CB7PH	STP	Annual	0.02	22.07	Good	0.03	26.55	Good
CB7PH	PO4F	Annual	0.00	23.50	Good	0.00	24.55	Good
CB7PH	CHLA	Annual	7.21	39.46	Fair	-	-	-
CB7PH	TSS	Annual	7.05	32.87	Good	13.80	38.45	Fair
CB7PH	SECCHI	Annual	1.70	56.57	Fair	-	-	-
CB8PH	TN	Annual	0.39	22.62	Good	0.33	12.74	Good
CB8PH	DIN	Annual	0.03	29.51	Good	0.04	28.22	Good
CB8PH	STP	Annual	0.02	29.31	Good	0.03	23.78	Good
CB8PH	PO4F	Annual	0.00	27.87	Good	0.01	31.96	Good
CB8PH	CHLA	Annual	7.16	47.63	Fair	-	-	-
CB8PH	TSS	Annual	7.29	35.89	Good	11.98	24.17	Good
CB8PH	SECCHI	Annual	1.55	42.98	Fair	-	-	-
APPTF	TN	Fall	0.77	12.62	Good	0.75	7.90	Good
APPTF	DIN	Fall	0.35	15.34	Good	0.39	13.88	Good
APPTF	STP	Fall	0.08	35.73	Good	0.08	25.49	Good
APPTF	PO4F	Fall	0.02	36.56	Good	0.02	40.69	Fair
APPTF	CHLA	Fall	1.89	16.12	Good	-	-	-
APPTF	TSS	Fall	19.00	66.36	Poor	20.00	32.74	Good
APPTF	SECCHI	Fall	0.50	36.42	Poor	-	-	-
JMSTF1	TN	Fall	0.90	17.19	Good	1.09	17.23	Good
JMSTF1	DIN	Fall	0.53	23.72	Good	0.49	19.02	Good
JMSTF1	STP	Fall	0.08	37.27	Good	0.11	48.45	Fair
JMSTF1	PO4F	Fall	0.02	37.26	Good	0.02	39.96	Good
JMSTF1	CHLA	Fall	2.12	17.11	Good	-	-	-
JMSTF1	TSS	Fall	26.00	77.12	Poor	54.00	81.81	Poor
JMSTF1	SECCHI	Fall	0.40	22.14	Poor	-	-	-
JMSTF2	TN	Fall	0.73	10.48	Good	0.73	7.61	Good
JMSTF2	DIN	Fall	0.39	16.88	Good	0.38	13.84	Good
JMSTF2	STP	Fall	0.06	22.88	Good	0.07	20.60	Good
JMSTF2	PO4F	Fall	0.02	37.26	Good	0.02	40.69	Fair
JMSTF2	CHLA	Fall	0.84	8.23	Good	-	-	-
JMSTF2	TSS	Fall	17.00	55.92	Fair	22.50	31.53	Good
JMSTF2	SECCHI	Fall	0.50	44.43	Fair	-	-	-
CHKOH	TN	Fall	0.71	10.92	Good	0.70	6.67	Good
CHKOH	DIN	Fall	0.18	9.63	Good	0.18	6.76	Good
CHKOH	STP	Fall	0.07	35.42	Good	0.10	38.53	Good
CHKOH	PO4F	Fall	0.01	34.15	Good	0.01	33.57	Good
CHKOH	CHLA	Fall	5.41	33.72	Good	-	-	-
CHKOH	TSS	Fall	17.00	43.07	Fair	33.00	52.68	Fair

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
CHKOH	SECCHI	Fall	0.50	44.22	Fair	-	-	-
JMSOH	TN	Fall	0.84	20.37	Good	0.96	29.85	Good
JMSOH	DIN	Fall	0.50	36.68	Good	0.48	42.74	Fair
JMSOH	STP	Fall	0.08	43.57	Fair	0.15	70.52	Poor
JMSOH	PO4F	Fall	0.03	77.19	Poor	0.04	87.11	Poor
JMSOH	CHLA	Fall	3.45	22.35	Good	-	-	-
JMSOH	TSS	Fall	24.50	79.89	Poor	67.44	89.11	Poor
JMSOH	SECCHI	Fall	0.45	20.05	Poor	-	-	-
JMSMH	TN	Fall	0.72	47.52	Fair	0.69	60.77	Poor
JMSMH	DIN	Fall	0.41	80.31	Poor	0.32	93.00	Poor
JMSMH	STP	Fall	0.06	51.59	Fair	0.07	67.53	Poor
JMSMH	PO4F	Fall	0.04	96.94	Poor	0.04	96.72	Poor
JMSMH	CHLA	Fall	2.62	8.50	Good	-	-	-
JMSMH	TSS	Fall	8.50	34.86	Good	22.00	56.09	Fair
JMSMH	SECCHI	Fall	1.30	38.38	Poor	-	-	-
JMSPH	TN	Fall	0.53	35.60	Good	0.45	29.75	Good
JMSPH	DIN	Fall	0.21	74.04	Poor	0.15	75.74	Poor
JMSPH	STP	Fall	0.04	43.57	Fair	0.03	30.70	Good
JMSPH	PO4F	Fall	0.02	80.20	Poor	0.02	56.72	Fair
JMSPH	CHLA	Fall	4.60	40.75	Good	-	-	-
JMSPH	TSS	Fall	6.99	40.24	Good	10.30	22.00	Good
JMSPH	SECCHI	Fall	1.35	32.18	Poor	-	-	-
EBEMH	TN	Fall	0.87	75.84	Poor	0.82	89.83	Poor
EBEMH	DIN	Fall	0.45	92.91	Poor	0.45	99.25	Poor
EBEMH	STP	Fall	0.06	83.39	Poor	0.06	61.15	Poor
EBEMH	PO4F	Fall	0.04	99.02	Poor	0.04	98.99	Poor
EBEMH	CHLA	Fall	2.94	8.75	Good	-	-	-
EBEMH	TSS	Fall	5.18	25.11	Good	6.88	10.95	Good
EBEMH	SECCHI	Fall	1.40	35.05	Poor	-	-	-
WBEMH	TN	Fall	0.72	51.44	Fair	0.74	65.32	Poor
WBEMH	DIN	Fall	0.35	77.62	Poor	0.32	84.72	Poor
WBEMH	STP	Fall	0.06	72.16	Poor	0.07	77.28	Poor
WBEMH	PO4F	Fall	0.03	95.78	Poor	0.03	94.67	Poor
WBEMH	CHLA	Fall	4.49	20.85	Good	-	-	-
WBEMH	TSS	Fall	10.22	62.15	Poor	8.78	21.55	Good
WBEMH	SECCHI	Fall	1.20	28.67	Poor	-	-	-
SBEMH	TN	Fall	1.32	97.35	Poor	1.00	97.32	Poor
SBEMH	DIN	Fall	0.63	96.46	Poor	0.60	99.00	Poor
SBEMH	STP	Fall	0.06	76.41	Poor	0.06	71.18	Poor
SBEMH	PO4F	Fall	0.04	97.58	Poor	0.04	98.84	Poor
SBEMH	CHLA	Fall	1.94	2.87	Good	-	-	-
SBEMH	TSS	Fall	6.25	32.31	Good	7.26	11.91	Good
SBEMH	SECCHI	Fall	0.95	15.41	Poor	-	-	-
ELIPH	TN	Fall	0.64	40.51	Good	0.58	54.78	Fair
ELIPH	DIN	Fall	0.35	78.35	Poor	0.27	89.09	Poor
ELIPH	STP	Fall	0.05	62.29	Poor	0.05	53.69	Fair

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
ELIPH	PO4F	Fall	0.04	97.12	Poor	0.03	89.60	Poor
ELIPH	CHLA	Fall	4.66	23.87	Good	-	-	-
ELIPH	TSS	Fall	6.28	28.39	Good	10.32	23.27	Good
ELIPH	SECCHI	Fall	1.50	31.86	Poor	-	-	-
PMKTF	TN	Fall	0.87	15.87	Good	0.88	12.87	Good
PMKTF	DIN	Fall	0.43	19.05	Good	0.41	18.24	Good
PMKTF	STP	Fall	0.07	26.61	Good	0.07	20.48	Good
PMKTF	PO4F	Fall	0.01	29.19	Good	0.01	31.54	Good
PMKTF	CHLA	Fall	0.96	8.70	Good	-	-	-
PMKTF	TSS	Fall	16.00	52.41	Fair	18.00	27.87	Good
PMKTF	SECCHI	Fall	0.60	52.44	Fair	-	-	-
PMKOH	TN	Fall	0.75	18.17	Good	0.96	45.68	Fair
PMKOH	DIN	Fall	0.22	18.54	Good	0.22	23.97	Good
PMKOH	STP	Fall	0.09	53.01	Fair	0.14	81.04	Poor
PMKOH	PO4F	Fall	0.02	55.74	Fair	0.02	57.03	Fair
PMKOH	CHLA	Fall	3.56	18.60	Good	-	-	-
PMKOH	TSS	Fall	34.50	84.55	Poor	98.50	92.32	Poor
PMKOH	SECCHI	Fall	0.40	14.89	Poor	-	-	-
MPNTF	TN	Fall	0.66	9.41	Good	0.68	6.26	Good
MPNTF	DIN	Fall	0.29	13.17	Good	0.30	12.34	Good
MPNTF	STP	Fall	0.05	19.91	Good	0.05	14.92	Good
MPNTF	PO4F	Fall	0.01	26.12	Good	0.01	28.30	Good
MPNTF	CHLA	Fall	0.84	5.77	Good	-	-	-
MPNTF	TSS	Fall	6.00	17.19	Good	8.00	6.44	Good
MPNTF	SECCHI	Fall	0.85	82.40	Good	-	-	-
MPNOH	TN	Fall	0.72	17.08	Good	0.86	19.50	Good
MPNOH	DIN	Fall	0.20	16.47	Good	0.20	17.34	Good
MPNOH	STP	Fall	0.09	49.17	Fair	0.10	76.63	Poor
MPNOH	PO4F	Fall	0.02	53.02	Fair	0.02	43.44	Fair
MPNOH	CHLA	Fall	2.76	13.84	Good	-	-	-
MPNOH	TSS	Fall	39.00	95.18	Poor	39.00	63.11	Poor
MPNOH	SECCHI	Fall	0.50	36.42	Poor	-	-	-
YRKMH	TN	Fall	0.75	42.68	Fair	0.80	78.17	Poor
YRKMH	DIN	Fall	0.23	55.16	Fair	0.22	60.43	Poor
YRKMH	STP	Fall	0.07	78.29	Poor	0.12	96.01	Poor
YRKMH	PO4F	Fall	0.03	86.93	Poor	0.02	86.71	Poor
YRKMH	CHLA	Fall	7.00	48.37	Fair	-	-	-
YRKMH	TSS	Fall	18.50	85.94	Poor	49.25	95.78	Poor
YRKMH	SECCHI	Fall	0.65	5.72	Poor	-	-	-
YRKPH	TN	Fall	0.51	18.73	Good	0.51	55.39	Fair
YRKPH	DIN	Fall	0.15	38.25	Good	0.10	43.81	Fair
YRKPH	STP	Fall	0.05	46.78	Fair	0.06	76.46	Poor
YRKPH	PO4F	Fall	0.02	66.52	Poor	0.02	54.18	Fair
YRKPH	CHLA	Fall	6.22	40.09	Good	-	-	-
YRKPH	TSS	Fall	7.00	40.24	Good	25.00	75.49	Poor
YRKPH	SECCHI	Fall	1.25	22.80	Poor	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
MOBPH	TN	Fall	0.41	10.23	Good	0.41	10.96	Good
MOBPH	DIN	Fall	0.04	17.01	Good	0.04	10.86	Good
MOBPH	STP	Fall	0.02	20.75	Good	0.02	16.20	Good
MOBPH	PO4F	Fall	0.00	22.13	Good	0.00	17.80	Good
MOBPH	CHLA	Fall	9.03	66.47	Poor	-	-	-
MOBPH	TSS	Fall	8.06	40.08	Good	10.09	21.77	Good
MOBPH	SECCHI	Fall	1.40	38.38	Poor	-	-	-
RPPTF	TN	Fall	1.05	21.41	Good	1.03	17.69	Good
RPPTF	DIN	Fall	0.76	34.19	Good	0.77	31.71	Good
RPPTF	STP	Fall	0.09	32.43	Good	0.09	28.82	Good
RPPTF	PO4F	Fall	0.02	32.78	Good	0.02	37.10	Good
RPPTF	CHLA	Fall	2.54	20.28	Good	-	-	-
RPPTF	TSS	Fall	26.50	78.08	Poor	22.75	45.44	Fair
RPPTF	SECCHI	Fall	0.33	16.98	Poor	-	-	-
RPPMH	TN	Fall	0.50	20.06	Good	0.56	33.80	Good
RPPMH	DIN	Fall	0.07	19.27	Good	0.10	20.91	Good
RPPMH	STP	Fall	0.03	29.32	Good	0.04	36.33	Good
RPPMH	PO4F	Fall	0.00	29.99	Good	0.01	27.78	Good
RPPMH	CHLA	Fall	9.47	63.29	Poor	-	-	-
RPPMH	TSS	Fall	7.50	41.57	Good	18.00	48.83	Fair
RPPMH	SECCHI	Fall	1.25	29.88	Poor	-	-	-
RPOOH	TN	Fall	1.02	32.34	Good	1.16	38.55	Good
RPOOH	DIN	Fall	0.52	26.54	Good	0.48	24.41	Good
RPOOH	STP	Fall	0.09	55.61	Fair	0.13	65.60	Poor
RPOOH	PO4F	Fall	0.01	36.41	Good	0.01	35.27	Good
RPOOH	CHLA	Fall	3.81	22.22	Good	-	-	-
RPOOH	TSS	Fall	35.50	89.10	Poor	67.00	81.74	Poor
RPOOH	SECCHI	Fall	0.30	7.62	Poor	-	-	-
CRRMH	TN	Fall	0.47	17.79	Good	0.50	21.44	Good
CRRMH	DIN	Fall	0.01	12.72	Good	0.02	8.96	Good
CRRMH	STP	Fall	0.03	27.38	Good	0.03	24.78	Good
CRRMH	PO4F	Fall	0.00	29.99	Good	0.01	27.78	Good
CRRMH	CHLA	Fall	10.70	73.04	Poor	-	-	-
CRRMH	TSS	Fall	5.00	19.88	Good	5.00	7.39	Good
CRRMH	SECCHI	Fall	1.50	48.39	Fair	-	-	-
PIAMH	TN	Fall	0.39	8.97	Good	0.46	13.52	Good
PIAMH	DIN	Fall	0.03	14.15	Good	0.03	8.97	Good
PIAMH	STP	Fall	0.02	15.59	Good	0.02	12.87	Good
PIAMH	PO4F	Fall	0.00	21.54	Good	0.00	17.49	Good
PIAMH	CHLA	Fall	9.75	74.64	Poor	-	-	-
PIAMH	TSS	Fall	5.46	30.83	Good	6.46	12.64	Good
PIAMH	SECCHI	Fall	1.80	60.95	Good	-	-	-
POCMH	TN	Fall	0.60	39.81	Good	0.62	38.64	Good
POCMH	DIN	Fall	0.04	15.28	Good	0.03	10.15	Good
POCMH	STP	Fall	0.03	27.93	Good	0.03	18.71	Good
POCMH	PO4F	Fall	0.00	24.24	Good	0.00	18.44	Good



Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
POCMH	CHLA	Fall	9.70	73.58	Poor	-	-	-
POCMH	TSS	Fall	12.78	71.99	Poor	13.34	37.42	Good
POCMH	SECCHI	Fall	0.88	9.62	Poor	-	-	-
CB5MH	TN	Fall	0.68	56.02	Fair	0.59	61.79	Poor
CB5MH	DIN	Fall	0.17	42.06	Fair	0.14	44.74	Fair
CB5MH	STP	Fall	0.03	24.75	Good	0.03	24.21	Good
CB5MH	PO4F	Fall	0.00	25.94	Good	0.01	24.19	Good
CB5MH	CHLA	Fall	9.79	65.21	Poor	-	-	-
CB5MH	TSS	Fall	6.12	28.37	Good	9.20	19.08	Good
CB5MH	SECCHI	Fall	1.70	48.39	Fair	-	-	-
CB6PH	TN	Fall	0.44	13.05	Good	0.43	16.08	Good
CB6PH	DIN	Fall	0.07	21.57	Good	0.09	26.52	Good
CB6PH	STP	Fall	0.02	18.92	Good	0.02	17.04	Good
CB6PH	PO4F	Fall	0.00	22.01	Good	0.00	20.44	Good
CB6PH	CHLA	Fall	8.19	62.75	Poor	-	-	-
CB6PH	TSS	Fall	5.75	36.72	Good	11.59	31.61	Good
CB6PH	SECCHI	Fall	1.95	60.31	Good	-	-	-
CB7PH	TN	Fall	0.41	13.43	Good	0.39	19.65	Good
CB7PH	DIN	Fall	0.06	21.40	Good	0.07	24.72	Good
CB7PH	STP	Fall	0.02	20.04	Good	0.03	21.37	Good
CB7PH	PO4F	Fall	0.00	22.86	Good	0.01	23.84	Good
CB7PH	CHLA	Fall	9.14	69.73	Poor	-	-	-
CB7PH	TSS	Fall	6.74	40.32	Good	13.34	39.48	Good
CB7PH	SECCHI	Fall	1.75	39.04	Poor	-	-	-
CB8PH	TN	Fall	0.36	13.86	Good	0.37	15.63	Good
CB8PH	DIN	Fall	0.06	32.85	Good	0.06	27.19	Good
CB8PH	STP	Fall	0.03	24.49	Good	0.04	30.07	Good
CB8PH	PO4F	Fall	0.01	31.65	Good	0.01	35.47	Good
CB8PH	CHLA	Fall	9.08	76.49	Poor	-	-	-
CB8PH	TSS	Fall	7.60	37.68	Good	16.25	39.41	Good
CB8PH	SECCHI	Fall	1.50	32.18	Poor	-	-	-
APPTF	TN	SAV1	0.79	14.40	Good	0.79	10.34	Good
APPTF	DIN	SAV1	0.28	13.31	Good	0.30	12.56	Good
APPTF	STP	SAV1	0.08	32.69	Good	0.09	29.96	Good
APPTF	PO4F	SAV1	0.02	34.31	Good	0.02	37.66	Good
APPTF	CHLA	SAV1	3.44	19.88	Good	-	-	-
APPTF	TSS	SAV1	18.00	55.25	Fair	27.00	44.46	Fair
APPTF	SECCHI	SAV1	0.45	34.63	Poor	-	-	-
JMSTF1	TN	SAV1	0.88	17.42	Good	1.04	18.88	Good
JMSTF1	DIN	SAV1	0.47	22.38	Good	0.46	21.66	Good
JMSTF1	STP	SAV1	0.08	29.60	Good	0.09	41.32	Fair
JMSTF1	PO4F	SAV1	0.02	37.59	Fair	0.02	40.75	Fair
JMSTF1	CHLA	SAV1	4.08	25.43	Good	-	-	-
JMSTF1	TSS	SAV1	25.00	72.70	Poor	50.50	79.17	Poor
JMSTF1	SECCHI	SAV1	0.40	20.31	Poor	-	-	-
JMSTF2	TN	SAV1	0.73	10.89	Good	0.77	9.02	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
JMSTF2	DIN	SAV1	0.36	16.74	Good	0.38	16.06	Good
JMSTF2	STP	SAV1	0.07	27.24	Good	0.07	22.11	Good
JMSTF2	PO4F	SAV1	0.03	40.97	Fair	0.03	47.12	Fair
JMSTF2	CHLA	SAV1	1.52	7.36	Good	-	-	-
JMSTF2	TSS	SAV1	7.50	20.92	Good	14.50	20.55	Good
JMSTF2	SECCHI	SAV1	0.85	86.67	Good	-	-	-
CHKOH	TN	SAV1	0.75	13.27	Good	0.78	14.42	Good
CHKOH	DIN	SAV1	0.15	10.17	Good	0.14	8.99	Good
CHKOH	STP	SAV1	0.08	34.11	Good	0.09	27.01	Good
CHKOH	PO4F	SAV1	0.01	31.93	Good	0.01	32.23	Good
CHKOH	CHLA	SAV1	11.53	56.67	Fair	-	-	-
CHKOH	TSS	SAV1	19.13	57.35	Fair	46.50	61.14	Poor
CHKOH	SECCHI	SAV1	0.45	22.96	Poor	-	-	-
JMSOH	TN	SAV1	0.83	18.74	Good	0.93	20.99	Good
JMSOH	DIN	SAV1	0.42	31.13	Good	0.42	33.03	Good
JMSOH	STP	SAV1	0.07	34.38	Good	0.11	39.87	Fair
JMSOH	PO4F	SAV1	0.03	45.83	Fair	0.03	60.22	Fair
JMSOH	CHLA	SAV1	5.44	27.51	Good	-	-	-
JMSOH	TSS	SAV1	22.25	69.47	Poor	59.13	73.11	Poor
JMSOH	SECCHI	SAV1	0.45	20.31	Poor	-	-	-
JMSMH	TN	SAV1	0.69	25.78	Good	0.69	41.94	Fair
JMSMH	DIN	SAV1	0.33	44.77	Fair	0.26	61.53	Fair
JMSMH	STP	SAV1	0.06	47.49	Fair	0.08	73.75	Poor
JMSMH	PO4F	SAV1	0.03	90.88	Poor	0.03	93.63	Poor
JMSMH	CHLA	SAV1	3.89	14.80	Good	-	-	-
JMSMH	TSS	SAV1	13.75	57.82	Fair	39.25	88.90	Poor
JMSMH	SECCHI	SAV1	0.75	21.92	Poor	-	-	-
JMSPH	TN	SAV1	0.52	25.18	Good	0.49	48.25	Fair
JMSPH	DIN	SAV1	0.18	44.60	Fair	0.12	61.32	Fair
JMSPH	STP	SAV1	0.04	54.69	Fair	0.05	51.31	Fair
JMSPH	PO4F	SAV1	0.02	73.69	Poor	0.01	57.99	Fair
JMSPH	CHLA	SAV1	7.95	46.67	Fair	-	-	-
JMSPH	TSS	SAV1	9.90	55.63	Fair	17.82	48.65	Fair
JMSPH	SECCHI	SAV1	1.18	18.84	Poor	-	-	-
EBEMH	TN	SAV1	0.87	82.62	Poor	0.80	65.25	Poor
EBEMH	DIN	SAV1	0.44	82.67	Poor	0.41	88.58	Poor
EBEMH	STP	SAV1	0.06	76.53	Poor	0.05	54.70	Fair
EBEMH	PO4F	SAV1	0.03	97.39	Poor	0.03	94.85	Poor
EBEMH	CHLA	SAV1	5.34	19.78	Good	-	-	-
EBEMH	TSS	SAV1	8.02	40.09	Fair	11.36	29.90	Good
EBEMH	SECCHI	SAV1	1.10	28.02	Poor	-	-	-
WBEMH	TN	SAV1	0.75	60.64	Fair	0.78	66.52	Poor
WBEMH	DIN	SAV1	0.32	65.91	Poor	0.32	74.42	Poor
WBEMH	STP	SAV1	0.06	79.93	Poor	0.06	62.54	Fair
WBEMH	PO4F	SAV1	0.02	78.70	Poor	0.02	77.96	Poor
WBEMH	CHLA	SAV1	8.74	47.70	Fair	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
WBEMH	TSS	SAV1	15.06	77.07	Poor	20.21	63.79	Poor
WBEMH	SECCHI	SAV1	0.70	10.37	Poor	-	-	-
SBEMH	TN	SAV1	1.29	93.60	Poor	0.99	89.44	Poor
SBEMH	DIN	SAV1	0.58	91.94	Poor	0.51	95.99	Poor
SBEMH	STP	SAV1	0.06	69.67	Poor	0.07	65.96	Poor
SBEMH	PO4F	SAV1	0.03	96.92	Poor	0.04	97.54	Poor
SBEMH	CHLA	SAV1	2.04	4.08	Good	-	-	-
SBEMH	TSS	SAV1	6.81	31.65	Good	8.74	20.82	Good
SBEMH	SECCHI	SAV1	0.85	16.60	Poor	-	-	-
ELIPH	TN	SAV1	0.71	46.62	Fair	0.60	62.85	Fair
ELIPH	DIN	SAV1	0.29	61.97	Fair	0.25	87.03	Poor
ELIPH	STP	SAV1	0.06	64.62	Fair	0.06	76.52	Poor
ELIPH	PO4F	SAV1	0.03	95.14	Poor	0.03	87.19	Poor
ELIPH	CHLA	SAV1	8.22	44.87	Fair	-	-	-
ELIPH	TSS	SAV1	10.69	52.80	Fair	20.54	47.07	Fair
ELIPH	SECCHI	SAV1	0.98	16.60	Poor	-	-	-
PMKTF	TN	SAV1	0.87	15.80	Good	0.86	12.52	Good
PMKTF	DIN	SAV1	0.44	20.92	Good	0.43	18.45	Good
PMKTF	STP	SAV1	0.06	25.10	Good	0.07	19.05	Good
PMKTF	PO4F	SAV1	0.02	32.33	Good	0.01	33.67	Good
PMKTF	CHLA	SAV1	1.55	7.84	Good	-	-	-
PMKTF	TSS	SAV1	19.00	62.21	Poor	23.00	25.45	Good
PMKTF	SECCHI	SAV1	0.50	40.36	Fair	-	-	-
PMKOH	TN	SAV1	0.81	18.47	Good	1.02	28.34	Good
PMKOH	DIN	SAV1	0.22	18.46	Good	0.22	17.73	Good
PMKOH	STP	SAV1	0.11	59.63	Fair	0.15	67.70	Poor
PMKOH	PO4F	SAV1	0.02	60.49	Fair	0.02	58.25	Fair
PMKOH	CHLA	SAV1	5.26	19.40	Good	-	-	-
PMKOH	TSS	SAV1	41.00	90.46	Poor	92.00	92.49	Poor
PMKOH	SECCHI	SAV1	0.33	16.68	Poor	-	-	-
MPNTF	TN	SAV1	0.67	9.24	Good	0.67	6.97	Good
MPNTF	DIN	SAV1	0.29	13.72	Good	0.29	11.92	Good
MPNTF	STP	SAV1	0.05	18.71	Good	0.05	13.63	Good
MPNTF	PO4F	SAV1	0.01	27.00	Good	0.01	28.09	Good
MPNTF	CHLA	SAV1	1.20	6.01	Good	-	-	-
MPNTF	TSS	SAV1	7.50	14.74	Good	8.00	4.11	Good
MPNTF	SECCHI	SAV1	0.80	78.56	Good	-	-	-
MPNOH	TN	SAV1	0.74	14.56	Good	0.86	15.72	Good
MPNOH	DIN	SAV1	0.22	16.14	Good	0.20	15.44	Good
MPNOH	STP	SAV1	0.10	52.22	Fair	0.12	63.64	Poor
MPNOH	PO4F	SAV1	0.02	53.49	Fair	0.02	49.69	Fair
MPNOH	CHLA	SAV1	3.67	17.25	Good	-	-	-
MPNOH	TSS	SAV1	42.00	94.79	Poor	55.50	84.36	Poor
MPNOH	SECCHI	SAV1	0.40	16.23	Poor	-	-	-
YRKMH	TN	SAV1	0.75	38.95	Fair	0.90	74.01	Poor
YRKMH	DIN	SAV1	0.22	38.76	Fair	0.22	41.72	Fair

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
YRKM	STP	SAV1	0.08	82.81	Poor	0.13	98.23	Poor
YRKM	PO4F	SAV1	0.02	86.50	Poor	0.02	77.24	Poor
YRKM	CHLA	SAV1	10.67	50.22	Fair	-	-	-
YRKM	TSS	SAV1	34.25	95.20	Poor	88.00	97.90	Poor
YRKM	SECCHI	SAV1	0.58	5.87	Poor	-	-	-
YRKP	TN	SAV1	0.53	21.92	Good	0.62	69.84	Poor
YRKP	DIN	SAV1	0.10	23.76	Good	0.10	53.04	Fair
YRKP	STP	SAV1	0.05	54.43	Fair	0.07	76.81	Poor
YRKP	PO4F	SAV1	0.01	62.08	Fair	0.01	54.90	Fair
YRKP	CHLA	SAV1	9.49	42.57	Fair	-	-	-
YRKP	TSS	SAV1	10.75	51.50	Fair	24.25	83.39	Poor
YRKP	SECCHI	SAV1	1.00	28.02	Poor	-	-	-
MOBPH	TN	SAV1	0.43	12.56	Good	0.45	16.64	Good
MOBPH	DIN	SAV1	0.03	16.06	Good	0.03	15.16	Good
MOBPH	STP	SAV1	0.03	25.09	Good	0.03	21.99	Good
MOBPH	PO4F	SAV1	0.00	24.36	Good	0.00	21.55	Good
MOBPH	CHLA	SAV1	10.31	61.70	Poor	-	-	-
MOBPH	TSS	SAV1	9.72	52.23	Fair	11.74	34.50	Good
MOBPH	SECCHI	SAV1	1.23	28.02	Poor	-	-	-
RPPTF	TN	SAV1	0.89	18.25	Good	0.92	17.63	Good
RPPTF	DIN	SAV1	0.60	31.73	Good	0.60	30.31	Good
RPPTF	STP	SAV1	0.07	23.21	Good	0.07	21.74	Good
RPPTF	PO4F	SAV1	0.01	28.90	Good	0.01	31.75	Good
RPPTF	CHLA	SAV1	5.23	29.40	Good	-	-	-
RPPTF	TSS	SAV1	30.50	76.69	Poor	37.25	58.61	Fair
RPPTF	SECCHI	SAV1	0.43	20.31	Poor	-	-	-
RPPMH	TN	SAV1	0.52	21.28	Good	0.59	35.28	Good
RPPMH	DIN	SAV1	0.07	19.03	Good	0.10	23.81	Good
RPPMH	STP	SAV1	0.04	36.64	Fair	0.05	41.31	Fair
RPPMH	PO4F	SAV1	0.01	33.46	Good	0.01	31.60	Good
RPPMH	CHLA	SAV1	9.42	48.75	Fair	-	-	-
RPPMH	TSS	SAV1	9.50	42.85	Fair	19.63	54.33	Fair
RPPMH	SECCHI	SAV1	1.15	34.69	Poor	-	-	-
RPPOH	TN	SAV1	1.00	23.81	Good	1.05	27.81	Good
RPPOH	DIN	SAV1	0.41	19.02	Good	0.38	16.61	Good
RPPOH	STP	SAV1	0.08	46.98	Fair	0.11	54.87	Fair
RPPOH	PO4F	SAV1	0.01	30.20	Good	0.01	31.75	Good
RPPOH	CHLA	SAV1	14.54	70.69	Poor	-	-	-
RPPOH	TSS	SAV1	34.00	87.81	Poor	73.00	90.72	Poor
RPPOH	SECCHI	SAV1	0.30	10.40	Poor	-	-	-
CRRMH	TN	SAV1	0.54	22.03	Good	0.58	36.15	Good
CRRMH	DIN	SAV1	0.02	16.99	Good	0.05	16.74	Good
CRRMH	STP	SAV1	0.03	30.07	Good	0.03	26.73	Good
CRRMH	PO4F	SAV1	0.00	33.46	Good	0.01	31.60	Good
CRRMH	CHLA	SAV1	10.35	54.57	Fair	-	-	-
CRRMH	TSS	SAV1	5.00	18.40	Good	7.50	14.41	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
CRRMH	SECCHI	SAV1	1.40	52.04	Fair	-	-	-
PIAMH	TN	SAV1	0.43	17.02	Good	0.47	19.65	Good
PIAMH	DIN	SAV1	0.03	22.23	Good	0.05	19.41	Good
PIAMH	STP	SAV1	0.02	18.63	Good	0.02	17.80	Good
PIAMH	PO4F	SAV1	0.00	23.29	Good	0.00	20.90	Good
PIAMH	CHLA	SAV1	9.08	51.23	Fair	-	-	-
PIAMH	TSS	SAV1	5.94	27.93	Good	7.56	22.63	Good
PIAMH	SECCHI	SAV1	1.50	52.04	Fair	-	-	-
POCMH	TN	SAV1	0.64	30.96	Good	0.65	40.92	Fair
POCMH	DIN	SAV1	0.04	15.06	Good	0.04	12.60	Good
POCMH	STP	SAV1	0.03	32.88	Good	0.03	24.90	Good
POCMH	PO4F	SAV1	0.00	27.50	Good	0.00	22.02	Good
POCMH	CHLA	SAV1	10.15	54.31	Fair	-	-	-
POCMH	TSS	SAV1	11.02	63.73	Poor	15.91	38.54	Good
POCMH	SECCHI	SAV1	0.85	12.15	Poor	-	-	-
CB5MH	TN	SAV1	0.74	47.45	Fair	0.61	63.98	Poor
CB5MH	DIN	SAV1	0.16	41.46	Fair	0.17	64.83	Poor
CB5MH	STP	SAV1	0.02	21.96	Good	0.03	29.85	Good
CB5MH	PO4F	SAV1	0.00	27.20	Good	0.00	25.77	Good
CB5MH	CHLA	SAV1	7.19	33.54	Good	-	-	-
CB5MH	TSS	SAV1	5.83	23.69	Good	9.65	26.59	Good
CB5MH	SECCHI	SAV1	1.65	61.72	Fair	-	-	-
CB6PH	TN	SAV1	0.46	20.72	Good	0.42	35.59	Good
CB6PH	DIN	SAV1	0.08	23.41	Good	0.11	65.16	Poor
CB6PH	STP	SAV1	0.02	19.56	Good	0.02	19.58	Good
CB6PH	PO4F	SAV1	0.00	24.36	Good	0.00	20.60	Good
CB6PH	CHLA	SAV1	7.88	40.16	Good	-	-	-
CB6PH	TSS	SAV1	5.99	28.77	Good	13.51	38.79	Good
CB6PH	SECCHI	SAV1	1.65	65.00	Good	-	-	-
CB7PH	TN	SAV1	0.41	19.28	Good	0.39	24.24	Good
CB7PH	DIN	SAV1	0.06	26.54	Good	0.07	39.12	Fair
CB7PH	STP	SAV1	0.02	19.96	Good	0.03	23.66	Good
CB7PH	PO4F	SAV1	0.00	24.36	Good	0.00	22.35	Good
CB7PH	CHLA	SAV1	6.86	38.91	Good	-	-	-
CB7PH	TSS	SAV1	6.74	33.08	Good	13.71	40.01	Good
CB7PH	SECCHI	SAV1	1.90	59.19	Fair	-	-	-
CB8PH	TN	SAV1	0.38	20.04	Good	0.37	17.04	Good
CB8PH	DIN	SAV1	0.06	32.71	Good	0.05	32.56	Good
CB8PH	STP	SAV1	0.02	28.82	Good	0.03	28.92	Good
CB8PH	PO4F	SAV1	0.00	31.44	Good	0.01	34.48	Good
CB8PH	CHLA	SAV1	7.61	51.33	Fair	-	-	-
CB8PH	TSS	SAV1	7.36	37.24	Good	15.10	43.92	Fair
CB8PH	SECCHI	SAV1	1.50	39.53	Fair	-	-	-
APPTF	TN	SAV2	0.85	14.82	Good	0.86	11.37	Good
APPTF	DIN	SAV2	0.23	14.06	Good	0.22	12.21	Good
APPTF	STP	SAV2	0.09	34.85	Fair	0.09	30.95	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface	Surface	Surface	Bottom	Bottom	Bottom
			Median	Score	Status	Median	Score	Status
APPTF	PO4F	SAV2	0.02	31.66	Good	0.02	39.44	Fair
APPTF	CHLA	SAV2	15.44	64.71	Poor	-	-	-
APPTF	TSS	SAV2	24.50	70.37	Poor	42.50	60.83	Fair
APPTF	SECCHI	SAV2	0.40	20.15	Poor	-	-	-
JMSTF1	TN	SAV2	0.90	15.87	Good	1.05	18.30	Good
JMSTF1	DIN	SAV2	0.35	19.82	Good	0.35	18.91	Good
JMSTF1	STP	SAV2	0.08	29.65	Good	0.10	34.98	Good
JMSTF1	PO4F	SAV2	0.02	35.34	Fair	0.02	40.75	Fair
JMSTF1	CHLA	SAV2	6.23	30.18	Good	-	-	-
JMSTF1	TSS	SAV2	29.00	73.87	Poor	58.00	78.03	Poor
JMSTF1	SECCHI	SAV2	0.40	20.15	Poor	-	-	-
JMSTF2	TN	SAV2	0.74	10.00	Good	0.84	9.89	Good
JMSTF2	DIN	SAV2	0.36	19.12	Good	0.45	22.11	Good
JMSTF2	STP	SAV2	0.07	24.26	Good	0.08	25.24	Good
JMSTF2	PO4F	SAV2	0.03	43.65	Fair	0.03	49.69	Fair
JMSTF2	CHLA	SAV2	1.73	4.87	Good	-	-	-
JMSTF2	TSS	SAV2	9.00	17.89	Good	22.50	24.83	Good
JMSTF2	SECCHI	SAV2	0.88	88.92	Good	-	-	-
CHKOH	TN	SAV2	0.67	10.60	Good	0.76	14.49	Good
CHKOH	DIN	SAV2	0.12	11.07	Good	0.09	8.64	Good
CHKOH	STP	SAV2	0.07	29.82	Good	0.09	25.28	Good
CHKOH	PO4F	SAV2	0.02	31.21	Good	0.02	36.43	Good
CHKOH	CHLA	SAV2	11.62	47.28	Fair	-	-	-
CHKOH	TSS	SAV2	19.00	56.32	Fair	57.00	73.05	Poor
CHKOH	SECCHI	SAV2	0.50	35.54	Fair	-	-	-
JMSOH	TN	SAV2	0.71	10.58	Good	0.79	13.52	Good
JMSOH	DIN	SAV2	0.31	18.68	Good	0.30	17.74	Good
JMSOH	STP	SAV2	0.08	29.65	Good	0.11	41.40	Fair
JMSOH	PO4F	SAV2	0.03	48.33	Fair	0.03	56.70	Fair
JMSOH	CHLA	SAV2	8.81	27.83	Good	-	-	-
JMSOH	TSS	SAV2	21.50	69.26	Poor	50.50	76.54	Poor
JMSOH	SECCHI	SAV2	0.45	20.15	Poor	-	-	-
JMSMH	TN	SAV2	0.54	18.00	Good	0.64	41.42	Fair
JMSMH	DIN	SAV2	0.22	40.89	Fair	0.20	54.67	Fair
JMSMH	STP	SAV2	0.06	46.89	Fair	0.08	66.98	Poor
JMSMH	PO4F	SAV2	0.03	89.49	Poor	0.04	89.63	Poor
JMSMH	CHLA	SAV2	5.34	18.02	Good	-	-	-
JMSMH	TSS	SAV2	13.50	56.63	Fair	40.50	87.89	Poor
JMSMH	SECCHI	SAV2	0.75	23.88	Poor	-	-	-
JMSPH	TN	SAV2	0.51	36.68	Fair	0.48	47.99	Fair
JMSPH	DIN	SAV2	0.10	54.52	Fair	0.09	47.64	Fair
JMSPH	STP	SAV2	0.05	54.61	Fair	0.05	43.93	Fair
JMSPH	PO4F	SAV2	0.02	75.32	Poor	0.01	54.60	Fair
JMSPH	CHLA	SAV2	8.56	53.53	Fair	-	-	-
JMSPH	TSS	SAV2	11.58	61.05	Fair	16.89	47.95	Fair
JMSPH	SECCHI	SAV2	1.00	19.27	Poor	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
EBEMH	TN	SAV2	0.87	84.20	Poor	0.83	79.10	Poor
EBEMH	DIN	SAV2	0.46	93.85	Poor	0.43	96.29	Poor
EBEMH	STP	SAV2	0.08	74.41	Poor	0.08	65.14	Poor
EBEMH	PO4F	SAV2	0.05	99.65	Poor	0.05	97.69	Poor
EBEMH	CHLA	SAV2	5.07	23.00	Good	-	-	-
EBEMH	TSS	SAV2	8.32	39.68	Fair	12.30	31.36	Good
EBEMH	SECCHI	SAV2	1.00	27.32	Poor	-	-	-
WBEMH	TN	SAV2	0.76	68.22	Poor	0.77	70.67	Poor
WBEMH	DIN	SAV2	0.25	79.32	Poor	0.31	77.58	Poor
WBEMH	STP	SAV2	0.08	77.02	Poor	0.07	71.60	Poor
WBEMH	PO4F	SAV2	0.03	92.90	Poor	0.03	83.09	Poor
WBEMH	CHLA	SAV2	11.75	59.71	Fair	-	-	-
WBEMH	TSS	SAV2	22.37	90.53	Poor	23.37	70.96	Poor
WBEMH	SECCHI	SAV2	0.60	4.21	Poor	-	-	-
SBEMH	TN	SAV2	1.11	97.08	Poor	1.00	95.64	Poor
SBEMH	DIN	SAV2	0.58	98.94	Poor	0.52	99.56	Poor
SBEMH	STP	SAV2	0.08	79.43	Poor	0.08	82.91	Poor
SBEMH	PO4F	SAV2	0.04	97.84	Poor	0.05	98.82	Poor
SBEMH	CHLA	SAV2	3.67	7.99	Good	-	-	-
SBEMH	TSS	SAV2	8.48	35.96	Good	9.75	24.23	Good
SBEMH	SECCHI	SAV2	1.00	16.38	Poor	-	-	-
ELIPH	TN	SAV2	0.72	63.11	Fair	0.65	74.16	Poor
ELIPH	DIN	SAV2	0.28	80.30	Poor	0.26	95.00	Poor
ELIPH	STP	SAV2	0.07	70.40	Poor	0.08	81.25	Poor
ELIPH	PO4F	SAV2	0.04	97.58	Poor	0.04	96.14	Poor
ELIPH	CHLA	SAV2	10.19	52.12	Fair	-	-	-
ELIPH	TSS	SAV2	11.33	59.31	Fair	20.95	57.10	Fair
ELIPH	SECCHI	SAV2	0.90	14.68	Poor	-	-	-
PMKTF	TN	SAV2	0.84	13.48	Good	0.82	10.29	Good
PMKTF	DIN	SAV2	0.42	23.08	Good	0.40	20.62	Good
PMKTF	STP	SAV2	0.08	28.67	Good	0.07	21.59	Good
PMKTF	PO4F	SAV2	0.02	30.77	Good	0.02	36.43	Good
PMKTF	CHLA	SAV2	2.60	9.72	Good	-	-	-
PMKTF	TSS	SAV2	18.00	53.00	Fair	20.00	22.52	Good
PMKTF	SECCHI	SAV2	0.60	58.02	Fair	-	-	-
PMKOH	TN	SAV2	0.78	22.19	Good	1.00	38.90	Fair
PMKOH	DIN	SAV2	0.20	21.89	Good	0.21	22.63	Good
PMKOH	STP	SAV2	0.11	57.00	Fair	0.15	78.02	Poor
PMKOH	PO4F	SAV2	0.02	57.46	Fair	0.02	55.47	Fair
PMKOH	CHLA	SAV2	7.80	30.05	Good	-	-	-
PMKOH	TSS	SAV2	38.00	90.04	Poor	90.00	94.77	Poor
PMKOH	SECCHI	SAV2	0.40	10.10	Poor	-	-	-
MPNTF	TN	SAV2	0.69	8.79	Good	0.70	6.47	Good
MPNTF	DIN	SAV2	0.28	15.30	Good	0.27	13.10	Good
MPNTF	STP	SAV2	0.06	18.88	Good	0.07	19.54	Good
MPNTF	PO4F	SAV2	0.01	24.16	Good	0.01	30.72	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
MPNTF	CHLA	SAV2	1.83	6.35	Good	-	-	-
MPNTF	TSS	SAV2	8.00	13.96	Good	11.00	7.08	Good
MPNTF	SECCHI	SAV2	0.80	81.31	Good	-	-	-
MPNOH	TN	SAV2	0.71	17.41	Good	0.86	15.09	Good
MPNOH	DIN	SAV2	0.20	19.50	Good	0.19	15.98	Good
MPNOH	STP	SAV2	0.10	48.56	Fair	0.12	56.32	Fair
MPNOH	PO4F	SAV2	0.02	52.27	Fair	0.02	43.53	Fair
MPNOH	CHLA	SAV2	3.67	14.86	Good	-	-	-
MPNOH	TSS	SAV2	36.00	93.22	Poor	55.00	81.18	Poor
MPNOH	SECCHI	SAV2	0.40	14.68	Poor	-	-	-
YRKMH	TN	SAV2	0.72	41.32	Fair	0.93	84.90	Poor
YRKMH	DIN	SAV2	0.20	45.63	Fair	0.20	41.44	Fair
YRKMH	STP	SAV2	0.08	66.47	Poor	0.15	98.61	Poor
YRKMH	PO4F	SAV2	0.02	82.20	Poor	0.02	69.22	Poor
YRKMH	CHLA	SAV2	13.35	51.31	Fair	-	-	-
YRKMH	TSS	SAV2	29.00	93.36	Poor	96.50	98.27	Poor
YRKMH	SECCHI	SAV2	0.55	6.66	Poor	-	-	-
YRKPH	TN	SAV2	0.54	24.08	Good	0.63	77.81	Poor
YRKPH	DIN	SAV2	0.10	34.87	Good	0.17	78.23	Poor
YRKPH	STP	SAV2	0.05	48.79	Fair	0.07	73.78	Poor
YRKPH	PO4F	SAV2	0.01	65.27	Fair	0.02	60.05	Fair
YRKPH	CHLA	SAV2	10.72	50.71	Fair	-	-	-
YRKPH	TSS	SAV2	10.50	50.05	Fair	30.00	85.07	Poor
YRKPH	SECCHI	SAV2	0.90	19.27	Poor	-	-	-
MOBPH	TN	SAV2	0.49	30.03	Good	0.49	42.59	Fair
MOBPH	DIN	SAV2	0.02	21.34	Good	0.03	15.80	Good
MOBPH	STP	SAV2	0.03	36.39	Fair	0.04	29.81	Good
MOBPH	PO4F	SAV2	0.00	23.28	Good	0.00	19.12	Good
MOBPH	CHLA	SAV2	10.24	66.44	Poor	-	-	-
MOBPH	TSS	SAV2	11.04	57.74	Fair	14.63	41.58	Fair
MOBPH	SECCHI	SAV2	1.00	20.45	Poor	-	-	-
RPPTF	TN	SAV2	0.89	15.57	Good	0.90	13.40	Good
RPPTF	DIN	SAV2	0.48	27.67	Good	0.48	26.73	Good
RPPTF	STP	SAV2	0.07	23.23	Good	0.08	21.14	Good
RPPTF	PO4F	SAV2	0.01	24.94	Good	0.01	31.51	Good
RPPTF	CHLA	SAV2	17.23	66.13	Poor	-	-	-
RPPTF	TSS	SAV2	26.50	73.87	Poor	37.25	57.55	Fair
RPPTF	SECCHI	SAV2	0.45	35.54	Fair	-	-	-
RPPMH	TN	SAV2	0.56	22.65	Good	0.59	36.93	Fair
RPPMH	DIN	SAV2	0.03	20.29	Good	0.07	21.10	Good
RPPMH	STP	SAV2	0.05	40.18	Fair	0.05	39.75	Fair
RPPMH	PO4F	SAV2	0.01	37.39	Fair	0.01	30.34	Good
RPPMH	CHLA	SAV2	10.68	51.05	Fair	-	-	-
RPPMH	TSS	SAV2	9.78	43.04	Fair	22.00	57.41	Fair
RPPMH	SECCHI	SAV2	1.00	28.44	Poor	-	-	-
RPPOH	TN	SAV2	0.75	15.73	Good	0.95	19.37	Good



Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
RPPOH	DIN	SAV2	0.04	17.93	Good	0.04	12.51	Good
RPPOH	STP	SAV2	0.07	30.17	Good	0.10	47.25	Fair
RPPOH	PO4F	SAV2	0.01	26.53	Good	0.01	31.51	Good
RPPOH	CHLA	SAV2	15.04	63.66	Poor	-	-	-
RPPOH	TSS	SAV2	26.00	79.51	Poor	61.50	87.68	Poor
RPPOH	SECCHI	SAV2	0.40	9.96	Poor	-	-	-
CRRMH	TN	SAV2	0.54	34.78	Fair	0.57	40.53	Fair
CRRMH	DIN	SAV2	0.01	20.90	Good	0.03	12.79	Good
CRRMH	STP	SAV2	0.04	40.71	Fair	0.04	36.74	Fair
CRRMH	PO4F	SAV2	0.01	34.25	Good	0.01	27.70	Good
CRRMH	CHLA	SAV2	9.99	52.23	Fair	-	-	-
CRRMH	TSS	SAV2	5.00	16.50	Good	7.00	13.57	Good
CRRMH	SECCHI	SAV2	1.30	51.29	Fair	-	-	-
PIAMH	TN	SAV2	0.53	21.93	Good	0.55	32.56	Good
PIAMH	DIN	SAV2	0.02	19.06	Good	0.05	14.36	Good
PIAMH	STP	SAV2	0.03	24.93	Good	0.03	20.75	Good
PIAMH	PO4F	SAV2	0.00	22.20	Good	0.00	18.97	Good
PIAMH	CHLA	SAV2	10.61	54.17	Fair	-	-	-
PIAMH	TSS	SAV2	7.14	34.31	Good	9.93	29.85	Good
PIAMH	SECCHI	SAV2	1.28	43.16	Fair	-	-	-
POCMH	TN	SAV2	0.68	43.12	Fair	0.70	58.15	Fair
POCMH	DIN	SAV2	0.03	20.49	Good	0.04	13.04	Good
POCMH	STP	SAV2	0.04	34.81	Fair	0.04	31.25	Good
POCMH	PO4F	SAV2	0.00	26.21	Good	0.00	19.28	Good
POCMH	CHLA	SAV2	10.62	62.81	Poor	-	-	-
POCMH	TSS	SAV2	14.75	72.38	Poor	21.20	60.55	Fair
POCMH	SECCHI	SAV2	0.70	9.85	Poor	-	-	-
CB5MH	TN	SAV2	0.72	36.96	Fair	0.61	64.28	Fair
CB5MH	DIN	SAV2	0.07	25.76	Good	0.18	72.02	Poor
CB5MH	STP	SAV2	0.03	24.08	Good	0.04	33.48	Good
CB5MH	PO4F	SAV2	0.00	28.80	Good	0.01	29.75	Good
CB5MH	CHLA	SAV2	9.69	41.00	Fair	-	-	-
CB5MH	TSS	SAV2	6.44	25.04	Good	9.70	26.30	Good
CB5MH	SECCHI	SAV2	1.45	65.99	Good	-	-	-
CB6PH	TN	SAV2	0.53	23.52	Good	0.46	43.47	Fair
CB6PH	DIN	SAV2	0.03	24.59	Good	0.11	68.55	Poor
CB6PH	STP	SAV2	0.03	25.83	Good	0.03	28.31	Good
CB6PH	PO4F	SAV2	0.00	25.52	Good	0.01	31.73	Good
CB6PH	CHLA	SAV2	8.77	46.79	Fair	-	-	-
CB6PH	TSS	SAV2	7.40	33.68	Good	13.79	37.59	Fair
CB6PH	SECCHI	SAV2	1.55	56.68	Fair	-	-	-
CB7PH	TN	SAV2	0.45	22.06	Good	0.40	32.43	Good
CB7PH	DIN	SAV2	0.02	25.24	Good	0.07	37.73	Fair
CB7PH	STP	SAV2	0.03	25.52	Good	0.04	27.20	Good
CB7PH	PO4F	SAV2	0.00	24.25	Good	0.01	28.10	Good
CB7PH	CHLA	SAV2	7.65	41.33	Fair	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
CB7PH	TSS	SAV2	7.12	33.85	Good	13.96	39.25	Fair
CB7PH	SECCHI	SAV2	1.50	51.29	Fair	-	-	-
CB8PH	TN	SAV2	0.39	26.09	Good	0.33	12.35	Good
CB8PH	DIN	SAV2	0.03	31.78	Good	0.05	29.18	Good
CB8PH	STP	SAV2	0.03	31.03	Good	0.03	21.93	Good
CB8PH	PO4F	SAV2	0.00	30.16	Good	0.01	40.34	Fair
CB8PH	CHLA	SAV2	7.38	50.57	Fair	-	-	-
CB8PH	TSS	SAV2	7.38	37.16	Fair	11.94	21.42	Good
CB8PH	SECCHI	SAV2	1.50	36.18	Fair	-	-	-
APPTF	TN	Spring1	0.76	10.88	Good	0.80	10.64	Good
APPTF	DIN	Spring1	0.27	9.90	Good	0.28	9.25	Good
APPTF	STP	Spring1	0.07	27.27	Good	0.11	45.63	Fair
APPTF	PO4F	Spring1	0.01	31.18	Good	0.01	26.88	Good
APPTF	CHLA	Spring1	7.97	60.06	Poor	-	-	-
APPTF	TSS	Spring1	19.00	56.90	Fair	61.00	83.96	Poor
APPTF	SECCHI	Spring1	0.50	37.54	Fair	-	-	-
JMSTF1	TN	Spring1	0.83	13.74	Good	1.03	18.42	Good
JMSTF1	DIN	Spring1	0.35	13.88	Good	0.33	11.58	Good
JMSTF1	STP	Spring1	0.08	27.52	Good	0.09	36.39	Good
JMSTF1	PO4F	Spring1	0.02	34.07	Good	0.02	35.67	Good
JMSTF1	CHLA	Spring1	6.23	50.46	Fair	-	-	-
JMSTF1	TSS	Spring1	29.00	79.98	Poor	78.00	86.02	Poor
JMSTF1	SECCHI	Spring1	0.40	33.62	Poor	-	-	-
JMSTF2	TN	Spring1	0.71	7.56	Good	0.76	8.06	Good
JMSTF2	DIN	Spring1	0.32	11.56	Good	0.35	11.83	Good
JMSTF2	STP	Spring1	0.06	25.95	Good	0.07	22.67	Good
JMSTF2	PO4F	Spring1	0.03	43.99	Fair	0.03	52.25	Fair
JMSTF2	CHLA	Spring1	1.74	9.62	Good	-	-	-
JMSTF2	TSS	Spring1	5.00	6.20	Good	14.00	14.30	Good
JMSTF2	SECCHI	Spring1	1.10	94.09	Good	-	-	-
CHKOH	TN	Spring1	0.78	10.95	Good	0.73	8.47	Good
CHKOH	DIN	Spring1	0.14	7.19	Good	0.08	5.30	Good
CHKOH	STP	Spring1	0.06	26.47	Good	0.07	21.38	Good
CHKOH	PO4F	Spring1	0.01	27.13	Good	0.01	24.95	Good
CHKOH	CHLA	Spring1	16.87	80.27	Poor	-	-	-
CHKOH	TSS	Spring1	17.00	49.43	Fair	31.00	48.18	Fair
CHKOH	SECCHI	Spring1	0.40	29.70	Poor	-	-	-
JMSOH	TN	Spring1	0.73	11.46	Good	0.81	10.85	Good
JMSOH	DIN	Spring1	0.42	16.70	Good	0.35	16.36	Good
JMSOH	STP	Spring1	0.06	24.55	Good	0.10	31.77	Good
JMSOH	PO4F	Spring1	0.02	43.45	Fair	0.02	50.81	Fair
JMSOH	CHLA	Spring1	8.81	44.98	Fair	-	-	-
JMSOH	TSS	Spring1	20.00	58.59	Fair	53.00	67.28	Poor
JMSOH	SECCHI	Spring1	0.45	22.45	Poor	-	-	-
JMSMH	TN	Spring1	0.61	14.75	Good	0.59	25.24	Good
JMSMH	DIN	Spring1	0.22	21.74	Good	0.15	31.77	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
JMSMH	STP	Spring1	0.05	44.60	Fair	0.08	69.91	Poor
JMSMH	PO4F	Spring1	0.01	77.39	Poor	0.01	69.58	Poor
JMSMH	CHLA	Spring1	7.86	32.49	Good	-	-	-
JMSMH	TSS	Spring1	18.75	73.32	Poor	57.50	91.24	Poor
JMSMH	SECCHI	Spring1	0.65	13.84	Poor	-	-	-
JMSPH	TN	Spring1	0.46	24.05	Good	0.55	62.84	Fair
JMSPH	DIN	Spring1	0.11	22.41	Good	0.08	61.26	Fair
JMSPH	STP	Spring1	0.04	53.14	Fair	0.05	65.78	Poor
JMSPH	PO4F	Spring1	0.00	31.81	Good	0.00	28.95	Good
JMSPH	CHLA	Spring1	9.84	58.56	Poor	-	-	-
JMSPH	TSS	Spring1	12.21	66.52	Poor	30.20	73.44	Poor
JMSPH	SECCHI	Spring1	0.95	15.63	Poor	-	-	-
EBEMH	TN	Spring1	0.79	78.46	Poor	0.60	60.68	Fair
EBEMH	DIN	Spring1	0.28	72.08	Poor	0.23	87.20	Poor
EBEMH	STP	Spring1	0.05	71.41	Poor	0.04	43.56	Fair
EBEMH	PO4F	Spring1	0.01	83.83	Poor	0.01	73.36	Poor
EBEMH	CHLA	Spring1	9.08	42.26	Fair	-	-	-
EBEMH	TSS	Spring1	10.45	54.53	Fair	12.48	38.27	Good
EBEMH	SECCHI	Spring1	1.00	18.42	Poor	-	-	-
WBEMH	TN	Spring1	0.64	53.22	Fair	0.63	57.21	Fair
WBEMH	DIN	Spring1	0.11	25.24	Good	0.14	54.42	Fair
WBEMH	STP	Spring1	0.05	71.06	Poor	0.05	57.25	Fair
WBEMH	PO4F	Spring1	0.00	31.04	Good	0.00	33.84	Good
WBEMH	CHLA	Spring1	19.07	80.58	Poor	-	-	-
WBEMH	TSS	Spring1	23.25	89.98	Poor	25.03	79.68	Poor
WBEMH	SECCHI	Spring1	0.60	4.81	Poor	-	-	-
SBEMH	TN	Spring1	1.02	88.78	Poor	0.89	89.49	Poor
SBEMH	DIN	Spring1	0.40	85.67	Poor	0.36	96.45	Poor
SBEMH	STP	Spring1	0.05	60.10	Fair	0.04	55.74	Fair
SBEMH	PO4F	Spring1	0.01	85.71	Poor	0.02	91.40	Poor
SBEMH	CHLA	Spring1	3.52	13.54	Good	-	-	-
SBEMH	TSS	Spring1	8.34	38.89	Good	11.96	30.20	Good
SBEMH	SECCHI	Spring1	0.75	15.63	Poor	-	-	-
ELIPH	TN	Spring1	0.62	55.05	Fair	0.59	69.13	Poor
ELIPH	DIN	Spring1	0.17	44.44	Fair	0.18	94.57	Poor
ELIPH	STP	Spring1	0.05	66.51	Poor	0.06	77.07	Poor
ELIPH	PO4F	Spring1	0.00	43.40	Fair	0.01	56.68	Fair
ELIPH	CHLA	Spring1	13.15	63.58	Poor	-	-	-
ELIPH	TSS	Spring1	13.79	67.48	Poor	23.93	74.47	Poor
ELIPH	SECCHI	Spring1	0.80	13.84	Poor	-	-	-
PMKTF	TN	Spring1	0.87	15.81	Good	0.89	13.76	Good
PMKTF	DIN	Spring1	0.52	21.23	Good	0.48	18.17	Good
PMKTF	STP	Spring1	0.07	30.18	Good	0.06	20.23	Good
PMKTF	PO4F	Spring1	0.02	32.11	Good	0.01	30.38	Good
PMKTF	CHLA	Spring1	1.98	10.80	Good	-	-	-
PMKTF	TSS	Spring1	25.00	73.61	Poor	27.50	44.85	Fair

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
PMKTF	SECCHI	Spring1	0.45	30.00	Poor	-	-	-
PMKOH	TN	Spring1	0.87	15.85	Good	1.02	19.44	Good
PMKOH	DIN	Spring1	0.27	13.01	Good	0.28	13.65	Good
PMKOH	STP	Spring1	0.11	62.23	Fair	0.14	64.81	Poor
PMKOH	PO4F	Spring1	0.02	49.58	Fair	0.02	54.20	Fair
PMKOH	CHLA	Spring1	5.66	21.42	Good	-	-	-
PMKOH	TSS	Spring1	55.00	95.20	Poor	112.00	94.72	Poor
PMKOH	SECCHI	Spring1	0.30	11.66	Poor	-	-	-
MPNTF	TN	Spring1	0.68	9.34	Good	0.68	7.18	Good
MPNTF	DIN	Spring1	0.33	12.00	Good	0.33	10.77	Good
MPNTF	STP	Spring1	0.05	19.04	Good	0.05	13.70	Good
MPNTF	PO4F	Spring1	0.01	26.37	Good	0.01	23.02	Good
MPNTF	CHLA	Spring1	1.35	6.60	Good	-	-	-
MPNTF	TSS	Spring1	16.00	45.37	Fair	19.00	24.45	Good
MPNTF	SECCHI	Spring1	0.60	54.35	Fair	-	-	-
MPNOH	TN	Spring1	0.77	13.66	Good	0.87	14.48	Good
MPNOH	DIN	Spring1	0.30	13.00	Good	0.30	13.01	Good
MPNOH	STP	Spring1	0.09	54.71	Fair	0.09	67.42	Poor
MPNOH	PO4F	Spring1	0.01	47.79	Fair	0.01	37.25	Good
MPNOH	CHLA	Spring1	3.67	24.01	Good	-	-	-
MPNOH	TSS	Spring1	46.00	95.51	Poor	58.00	88.49	Poor
MPNOH	SECCHI	Spring1	0.30	5.35	Poor	-	-	-
YRKMH	TN	Spring1	0.77	34.90	Good	1.21	82.30	Poor
YRKMH	DIN	Spring1	0.22	20.76	Good	0.19	22.95	Good
YRKMH	STP	Spring1	0.08	89.31	Poor	0.16	98.41	Poor
YRKMH	PO4F	Spring1	0.01	77.05	Poor	0.01	69.78	Poor
YRKMH	CHLA	Spring1	14.76	67.84	Poor	-	-	-
YRKMH	TSS	Spring1	38.50	96.06	Poor	134.75	99.16	Poor
YRKMH	SECCHI	Spring1	0.45	5.08	Poor	-	-	-
YRKPH	TN	Spring1	0.54	22.08	Good	0.75	79.69	Poor
YRKPH	DIN	Spring1	0.03	14.00	Good	0.09	57.38	Fair
YRKPH	STP	Spring1	0.04	61.57	Fair	0.06	92.58	Poor
YRKPH	PO4F	Spring1	0.01	50.11	Fair	0.01	55.46	Fair
YRKPH	CHLA	Spring1	13.29	72.05	Poor	-	-	-
YRKPH	TSS	Spring1	15.50	76.70	Poor	51.50	94.75	Poor
YRKPH	SECCHI	Spring1	0.95	18.42	Poor	-	-	-
MOBPH	TN	Spring1	0.45	9.67	Good	0.47	16.28	Good
MOBPH	DIN	Spring1	0.02	11.58	Good	0.03	17.85	Good
MOBPH	STP	Spring1	0.02	24.87	Good	0.02	25.84	Good
MOBPH	PO4F	Spring1	0.00	21.03	Good	0.00	21.38	Good
MOBPH	CHLA	Spring1	9.79	50.23	Fair	-	-	-
MOBPH	TSS	Spring1	10.18	54.88	Fair	11.75	43.35	Fair
MOBPH	SECCHI	Spring1	1.00	23.75	Poor	-	-	-
RPPTF	TN	Spring1	0.90	17.66	Good	0.96	17.69	Good
RPPTF	DIN	Spring1	0.70	31.69	Good	0.69	30.49	Good
RPPTF	STP	Spring1	0.07	29.52	Good	0.07	26.43	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
RPPTF	PO4F	Spring1	0.01	27.47	Good	0.01	25.55	Good
RPPTF	CHLA	Spring1	5.23	30.94	Good	-	-	-
RPPTF	TSS	Spring1	31.50	79.21	Poor	48.00	76.45	Poor
RPPTF	SECCHI	Spring1	0.45	22.45	Poor	-	-	-
RPPMH	TN	Spring1	0.66	24.29	Good	0.81	47.28	Fair
RPPMH	DIN	Spring1	0.18	23.69	Good	0.27	36.93	Fair
RPPMH	STP	Spring1	0.04	33.72	Good	0.05	39.72	Fair
RPPMH	PO4F	Spring1	0.01	38.07	Fair	0.01	43.34	Fair
RPPMH	CHLA	Spring1	7.97	41.57	Good	-	-	-
RPPMH	TSS	Spring1	9.00	46.06	Fair	20.00	63.44	Poor
RPPMH	SECCHI	Spring1	1.00	32.06	Poor	-	-	-
RPPOH	TN	Spring1	1.10	26.57	Good	1.21	40.67	Fair
RPPOH	DIN	Spring1	0.41	15.54	Good	0.41	14.27	Good
RPPOH	STP	Spring1	0.10	47.38	Fair	0.12	68.37	Poor
RPPOH	PO4F	Spring1	0.01	29.28	Good	0.01	28.25	Good
RPPOH	CHLA	Spring1	13.65	73.92	Poor	-	-	-
RPPOH	TSS	Spring1	42.00	93.79	Poor	99.00	94.65	Poor
RPPOH	SECCHI	Spring1	0.30	11.38	Poor	-	-	-
CRRMH	TN	Spring1	0.54	20.60	Good	0.71	33.79	Good
CRRMH	DIN	Spring1	0.07	22.43	Good	0.14	25.45	Good
CRRMH	STP	Spring1	0.02	22.83	Good	0.03	28.25	Good
CRRMH	PO4F	Spring1	0.00	38.07	Fair	0.01	44.76	Fair
CRRMH	CHLA	Spring1	7.48	38.46	Good	-	-	-
CRRMH	TSS	Spring1	5.00	19.15	Good	9.00	22.65	Good
CRRMH	SECCHI	Spring1	1.40	49.30	Fair	-	-	-
PIAMH	TN	Spring1	0.47	14.21	Good	0.57	24.81	Good
PIAMH	DIN	Spring1	0.12	16.74	Good	0.20	29.91	Good
PIAMH	STP	Spring1	0.01	17.04	Good	0.02	18.62	Good
PIAMH	PO4F	Spring1	0.00	22.71	Good	0.00	22.75	Good
PIAMH	CHLA	Spring1	5.21	28.13	Good	-	-	-
PIAMH	TSS	Spring1	6.12	27.93	Good	8.41	23.69	Good
PIAMH	SECCHI	Spring1	1.30	48.44	Fair	-	-	-
POCMH	TN	Spring1	0.65	32.99	Good	0.67	38.06	Fair
POCMH	DIN	Spring1	0.03	14.37	Good	0.05	15.76	Good
POCMH	STP	Spring1	0.03	41.33	Fair	0.03	29.78	Good
POCMH	PO4F	Spring1	0.00	25.17	Good	0.00	23.95	Good
POCMH	CHLA	Spring1	11.77	62.01	Poor	-	-	-
POCMH	TSS	Spring1	13.53	70.58	Poor	18.14	52.45	Fair
POCMH	SECCHI	Spring1	0.75	10.06	Poor	-	-	-
CB5MH	TN	Spring1	0.82	46.14	Fair	0.74	69.09	Poor
CB5MH	DIN	Spring1	0.37	49.47	Fair	0.22	80.03	Poor
CB5MH	STP	Spring1	0.02	22.37	Good	0.03	31.41	Good
CB5MH	PO4F	Spring1	0.00	25.06	Good	0.00	26.68	Good
CB5MH	CHLA	Spring1	6.35	25.08	Good	-	-	-
CB5MH	TSS	Spring1	5.58	23.40	Good	11.98	41.63	Good
CB5MH	SECCHI	Spring1	1.50	61.51	Fair	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
CB6PH	TN	Spring1	0.58	21.30	Good	0.49	51.28	Fair
CB6PH	DIN	Spring1	0.23	29.92	Good	0.11	85.32	Poor
CB6PH	STP	Spring1	0.02	17.30	Good	0.02	22.44	Good
CB6PH	PO4F	Spring1	0.00	21.03	Good	0.00	16.10	Good
CB6PH	CHLA	Spring1	5.34	29.14	Good	-	-	-
CB6PH	TSS	Spring1	5.78	25.60	Good	13.79	48.83	Fair
CB6PH	SECCHI	Spring1	1.65	63.65	Good	-	-	-
CB7PH	TN	Spring1	0.55	19.64	Good	0.40	37.95	Fair
CB7PH	DIN	Spring1	0.14	26.09	Good	0.06	48.03	Fair
CB7PH	STP	Spring1	0.01	17.84	Good	0.02	24.20	Good
CB7PH	PO4F	Spring1	0.00	21.03	Good	0.00	16.90	Good
CB7PH	CHLA	Spring1	5.07	25.72	Good	-	-	-
CB7PH	TSS	Spring1	6.14	31.26	Good	14.45	51.55	Fair
CB7PH	SECCHI	Spring1	2.00	60.16	Fair	-	-	-
CB8PH	TN	Spring1	0.43	15.63	Good	0.32	18.57	Good
CB8PH	DIN	Spring1	0.10	27.80	Good	0.03	29.15	Good
CB8PH	STP	Spring1	0.02	22.68	Good	0.03	28.00	Good
CB8PH	PO4F	Spring1	0.00	19.36	Good	0.00	21.10	Good
CB8PH	CHLA	Spring1	7.01	35.07	Good	-	-	-
CB8PH	TSS	Spring1	7.30	39.74	Fair	16.31	55.35	Fair
CB8PH	SECCHI	Spring1	1.40	35.27	Poor	-	-	-
APPTF	TN	Spring2	0.83	14.08	Good	0.83	10.77	Good
APPTF	DIN	Spring2	0.20	9.50	Good	0.25	10.78	Good
APPTF	STP	Spring2	0.08	31.62	Good	0.11	42.35	Fair
APPTF	PO4F	Spring2	0.02	27.17	Good	0.02	38.53	Fair
APPTF	CHLA	Spring2	6.00	36.58	Good	-	-	-
APPTF	TSS	Spring2	26.00	76.02	Poor	61.00	82.93	Poor
APPTF	SECCHI	Spring2	0.40	29.41	Poor	-	-	-
JMSTF1	TN	Spring2	0.83	11.61	Good	0.93	14.81	Good
JMSTF1	DIN	Spring2	0.35	14.52	Good	0.33	12.29	Good
JMSTF1	STP	Spring2	0.08	31.66	Good	0.09	35.11	Good
JMSTF1	PO4F	Spring2	0.02	29.56	Good	0.02	40.52	Fair
JMSTF1	CHLA	Spring2	6.23	40.75	Good	-	-	-
JMSTF1	TSS	Spring2	29.00	79.67	Poor	51.00	78.15	Poor
JMSTF1	SECCHI	Spring2	0.40	37.46	Fair	-	-	-
JMSTF2	TN	Spring2	0.73	7.99	Good	0.80	8.18	Good
JMSTF2	DIN	Spring2	0.36	14.74	Good	0.36	14.27	Good
JMSTF2	STP	Spring2	0.07	25.20	Good	0.08	25.67	Good
JMSTF2	PO4F	Spring2	0.03	45.97	Fair	0.03	50.46	Fair
JMSTF2	CHLA	Spring2	1.74	6.43	Good	-	-	-
JMSTF2	TSS	Spring2	11.00	20.10	Good	22.50	23.64	Good
JMSTF2	SECCHI	Spring2	0.75	86.43	Good	-	-	-
CHKOH	TN	Spring2	0.76	12.00	Good	0.72	8.43	Good
CHKOH	DIN	Spring2	0.14	8.02	Good	0.08	6.74	Good
CHKOH	STP	Spring2	0.06	20.32	Good	0.07	21.92	Good
CHKOH	PO4F	Spring2	0.01	26.70	Good	0.01	30.48	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
CHKOH	CHLA	Spring2	12.83	66.23	Poor	-	-	-
CHKOH	TSS	Spring2	19.00	48.72	Fair	34.00	49.11	Fair
CHKOH	SECCHI	Spring2	0.40	37.46	Fair	-	-	-
JMSOH	TN	Spring2	0.69	8.79	Good	0.79	9.89	Good
JMSOH	DIN	Spring2	0.33	13.20	Good	0.35	12.28	Good
JMSOH	STP	Spring2	0.07	21.56	Good	0.10	29.43	Good
JMSOH	PO4F	Spring2	0.02	41.64	Fair	0.02	47.54	Fair
JMSOH	CHLA	Spring2	9.33	49.32	Fair	-	-	-
JMSOH	TSS	Spring2	21.00	54.62	Fair	34.00	61.68	Poor
JMSOH	SECCHI	Spring2	0.45	23.44	Poor	-	-	-
JMSMH	TN	Spring2	0.52	13.44	Good	0.59	27.57	Good
JMSMH	DIN	Spring2	0.14	18.36	Good	0.11	30.68	Good
JMSMH	STP	Spring2	0.05	39.25	Fair	0.07	68.93	Poor
JMSMH	PO4F	Spring2	0.02	85.50	Poor	0.02	87.61	Poor
JMSMH	CHLA	Spring2	6.58	27.69	Good	-	-	-
JMSMH	TSS	Spring2	16.00	62.15	Poor	45.00	91.09	Poor
JMSMH	SECCHI	Spring2	0.70	19.43	Poor	-	-	-
JMSPH	TN	Spring2	0.48	33.90	Good	0.48	57.74	Fair
JMSPH	DIN	Spring2	0.07	30.89	Good	0.08	40.82	Fair
JMSPH	STP	Spring2	0.04	65.91	Poor	0.05	66.02	Poor
JMSPH	PO4F	Spring2	0.00	33.69	Good	0.00	29.98	Good
JMSPH	CHLA	Spring2	8.56	53.13	Fair	-	-	-
JMSPH	TSS	Spring2	12.21	67.21	Poor	26.03	80.16	Poor
JMSPH	SECCHI	Spring2	0.95	14.31	Poor	-	-	-
EBEMH	TN	Spring2	0.79	86.76	Poor	0.77	68.72	Poor
EBEMH	DIN	Spring2	0.30	82.63	Poor	0.26	93.43	Poor
EBEMH	STP	Spring2	0.05	77.67	Poor	0.05	57.83	Fair
EBEMH	PO4F	Spring2	0.02	95.82	Poor	0.02	97.01	Poor
EBEMH	CHLA	Spring2	8.68	44.10	Fair	-	-	-
EBEMH	TSS	Spring2	8.40	51.20	Fair	12.45	39.18	Good
EBEMH	SECCHI	Spring2	1.00	19.43	Poor	-	-	-
WBEMH	TN	Spring2	0.66	70.94	Poor	0.68	75.76	Poor
WBEMH	DIN	Spring2	0.17	42.94	Fair	0.16	59.44	Fair
WBEMH	STP	Spring2	0.06	89.95	Poor	0.06	59.28	Fair
WBEMH	PO4F	Spring2	0.01	66.13	Poor	0.01	49.59	Fair
WBEMH	CHLA	Spring2	19.07	80.34	Poor	-	-	-
WBEMH	TSS	Spring2	24.73	93.64	Poor	25.67	83.07	Poor
WBEMH	SECCHI	Spring2	0.40	3.91	Poor	-	-	-
SBEMH	TN	Spring2	0.92	93.38	Poor	0.83	94.08	Poor
SBEMH	DIN	Spring2	0.46	96.64	Poor	0.39	99.82	Poor
SBEMH	STP	Spring2	0.05	68.26	Poor	0.05	71.48	Poor
SBEMH	PO4F	Spring2	0.02	97.90	Poor	0.02	99.06	Poor
SBEMH	CHLA	Spring2	4.14	12.49	Good	-	-	-
SBEMH	TSS	Spring2	7.75	37.00	Good	10.06	33.65	Good
SBEMH	SECCHI	Spring2	1.00	17.46	Poor	-	-	-
ELIPH	TN	Spring2	0.62	67.71	Poor	0.60	76.49	Poor

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
ELIPH	DIN	Spring2	0.13	57.45	Fair	0.16	95.27	Poor
ELIPH	STP	Spring2	0.05	69.70	Poor	0.06	92.66	Poor
ELIPH	PO4F	Spring2	0.01	61.44	Fair	0.01	85.58	Poor
ELIPH	CHLA	Spring2	10.93	66.78	Poor	-	-	-
ELIPH	TSS	Spring2	13.79	72.47	Poor	23.93	77.86	Poor
ELIPH	SECCHI	Spring2	0.90	9.20	Poor	-	-	-
PMKTF	TN	Spring2	0.87	15.45	Good	0.83	10.77	Good
PMKTF	DIN	Spring2	0.51	23.65	Good	0.48	19.76	Good
PMKTF	STP	Spring2	0.08	33.35	Good	0.08	28.40	Good
PMKTF	PO4F	Spring2	0.02	30.81	Good	0.02	38.91	Fair
PMKTF	CHLA	Spring2	2.60	12.73	Good	-	-	-
PMKTF	TSS	Spring2	19.00	56.51	Fair	24.00	33.10	Good
PMKTF	SECCHI	Spring2	0.50	37.46	Fair	-	-	-
PMKOH	TN	Spring2	0.87	16.98	Good	1.01	28.51	Good
PMKOH	DIN	Spring2	0.27	16.94	Good	0.27	16.79	Good
PMKOH	STP	Spring2	0.11	61.44	Fair	0.15	61.69	Fair
PMKOH	PO4F	Spring2	0.02	63.35	Fair	0.02	62.95	Poor
PMKOH	CHLA	Spring2	5.80	21.98	Good	-	-	-
PMKOH	TSS	Spring2	51.00	90.13	Poor	114.00	95.44	Poor
PMKOH	SECCHI	Spring2	0.30	10.41	Poor	-	-	-
MPNTF	TN	Spring2	0.76	11.23	Good	0.70	6.99	Good
MPNTF	DIN	Spring2	0.30	12.13	Good	0.28	9.44	Good
MPNTF	STP	Spring2	0.05	15.79	Good	0.06	21.33	Good
MPNTF	PO4F	Spring2	0.01	20.68	Good	0.01	33.44	Good
MPNTF	CHLA	Spring2	1.69	7.42	Good	-	-	-
MPNTF	TSS	Spring2	16.00	44.50	Fair	17.00	16.96	Good
MPNTF	SECCHI	Spring2	0.60	55.65	Fair	-	-	-
MPNOH	TN	Spring2	0.77	19.84	Good	0.87	12.14	Good
MPNOH	DIN	Spring2	0.29	14.18	Good	0.27	11.50	Good
MPNOH	STP	Spring2	0.11	57.54	Fair	0.12	50.36	Fair
MPNOH	PO4F	Spring2	0.01	46.82	Fair	0.01	43.80	Fair
MPNOH	CHLA	Spring2	3.67	19.97	Good	-	-	-
MPNOH	TSS	Spring2	51.00	96.57	Poor	58.00	92.88	Poor
MPNOH	SECCHI	Spring2	0.30	10.41	Poor	-	-	-
YRKMH	TN	Spring2	0.77	39.97	Fair	0.97	88.02	Poor
YRKMH	DIN	Spring2	0.20	28.04	Good	0.19	24.91	Good
YRKMH	STP	Spring2	0.07	80.45	Poor	0.14	98.82	Poor
YRKMH	PO4F	Spring2	0.01	84.66	Poor	0.01	76.73	Poor
YRKMH	CHLA	Spring2	14.54	62.37	Poor	-	-	-
YRKMH	TSS	Spring2	34.00	95.52	Poor	134.75	99.49	Poor
YRKMH	SECCHI	Spring2	0.45	6.95	Poor	-	-	-
YRKPH	TN	Spring2	0.52	22.38	Good	0.66	84.67	Poor
YRKPH	DIN	Spring2	0.02	20.58	Good	0.10	78.12	Poor
YRKPH	STP	Spring2	0.04	53.27	Fair	0.06	84.82	Poor
YRKPH	PO4F	Spring2	0.01	49.34	Fair	0.01	54.37	Fair
YRKPH	CHLA	Spring2	13.60	71.08	Poor	-	-	-



Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
YRKPH	TSS	Spring2	11.00	71.53	Poor	39.00	93.91	Poor
YRKPH	SECCHI	Spring2	0.90	14.80	Poor	-	-	-
MOBPH	TN	Spring2	0.48	14.90	Good	0.47	20.19	Good
MOBPH	DIN	Spring2	0.02	16.60	Good	0.03	16.60	Good
MOBPH	STP	Spring2	0.03	34.76	Good	0.03	32.35	Good
MOBPH	PO4F	Spring2	0.00	19.78	Good	0.00	21.20	Good
MOBPH	CHLA	Spring2	9.88	60.36	Poor	-	-	-
MOBPH	TSS	Spring2	11.04	60.07	Fair	14.63	52.23	Fair
MOBPH	SECCHI	Spring2	1.00	19.43	Poor	-	-	-
RPPTF	TN	Spring2	0.90	17.32	Good	0.96	14.92	Good
RPPTF	DIN	Spring2	0.48	27.23	Good	0.49	25.38	Good
RPPTF	STP	Spring2	0.07	28.03	Good	0.08	29.25	Good
RPPTF	PO4F	Spring2	0.01	21.68	Good	0.01	34.20	Good
RPPTF	CHLA	Spring2	17.09	61.46	Poor	-	-	-
RPPTF	TSS	Spring2	29.50	79.67	Poor	48.00	75.29	Poor
RPPTF	SECCHI	Spring2	0.40	21.36	Poor	-	-	-
RPPMH	TN	Spring2	0.66	20.73	Good	0.81	47.84	Fair
RPPMH	DIN	Spring2	0.08	18.99	Good	0.27	30.41	Good
RPPMH	STP	Spring2	0.04	39.83	Fair	0.05	49.89	Fair
RPPMH	PO4F	Spring2	0.01	30.88	Good	0.01	33.44	Good
RPPMH	CHLA	Spring2	10.32	45.15	Fair	-	-	-
RPPMH	TSS	Spring2	11.45	46.44	Fair	23.50	70.82	Poor
RPPMH	SECCHI	Spring2	0.80	25.52	Poor	-	-	-
RPPOH	TN	Spring2	1.00	20.95	Good	0.95	16.37	Good
RPPOH	DIN	Spring2	0.41	17.35	Good	0.39	14.63	Good
RPPOH	STP	Spring2	0.08	33.68	Good	0.11	36.10	Good
RPPOH	PO4F	Spring2	0.01	23.77	Good	0.01	33.44	Good
RPPOH	CHLA	Spring2	14.45	61.62	Poor	-	-	-
RPPOH	TSS	Spring2	34.00	77.93	Poor	95.50	91.79	Poor
RPPOH	SECCHI	Spring2	0.35	15.88	Poor	-	-	-
CRRMH	TN	Spring2	0.53	32.83	Good	0.65	34.65	Good
CRRMH	DIN	Spring2	0.04	26.88	Good	0.11	23.04	Good
CRRMH	STP	Spring2	0.03	29.17	Good	0.04	35.50	Good
CRRMH	PO4F	Spring2	0.00	35.27	Good	0.01	36.49	Good
CRRMH	CHLA	Spring2	9.95	44.30	Fair	-	-	-
CRRMH	TSS	Spring2	5.00	19.02	Good	7.00	18.19	Good
CRRMH	SECCHI	Spring2	1.30	39.37	Fair	-	-	-
PIAMH	TN	Spring2	0.58	18.75	Good	0.63	34.51	Good
PIAMH	DIN	Spring2	0.08	19.93	Good	0.13	19.31	Good
PIAMH	STP	Spring2	0.02	24.29	Good	0.03	23.83	Good
PIAMH	PO4F	Spring2	0.00	19.97	Good	0.00	21.11	Good
PIAMH	CHLA	Spring2	11.79	42.04	Fair	-	-	-
PIAMH	TSS	Spring2	7.32	37.18	Good	11.24	32.49	Good
PIAMH	SECCHI	Spring2	1.20	35.78	Poor	-	-	-
POCMH	TN	Spring2	0.70	32.53	Good	0.67	40.06	Fair
POCMH	DIN	Spring2	0.02	13.48	Good	0.05	12.69	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
POCMH	STP	Spring2	0.04	41.55	Fair	0.04	36.62	Good
POCMH	PO4F	Spring2	0.00	24.44	Good	0.00	22.51	Good
POCMH	CHLA	Spring2	12.71	59.79	Poor	-	-	-
POCMH	TSS	Spring2	18.80	79.81	Poor	23.18	74.04	Poor
POCMH	SECCHI	Spring2	0.55	4.58	Poor	-	-	-
CB5MH	TN	Spring2	0.76	39.33	Fair	0.79	70.82	Poor
CB5MH	DIN	Spring2	0.15	43.71	Fair	0.26	82.08	Poor
CB5MH	STP	Spring2	0.02	22.76	Good	0.04	31.70	Good
CB5MH	PO4F	Spring2	0.00	25.70	Good	0.00	31.43	Good
CB5MH	CHLA	Spring2	11.59	37.35	Good	-	-	-
CB5MH	TSS	Spring2	6.30	27.42	Good	13.25	45.59	Fair
CB5MH	SECCHI	Spring2	1.30	53.82	Fair	-	-	-
CB6PH	TN	Spring2	0.59	23.49	Good	0.50	59.99	Fair
CB6PH	DIN	Spring2	0.12	26.88	Good	0.13	88.37	Poor
CB6PH	STP	Spring2	0.02	19.61	Good	0.02	27.87	Good
CB6PH	PO4F	Spring2	0.00	20.83	Good	0.00	18.27	Good
CB6PH	CHLA	Spring2	8.62	43.49	Fair	-	-	-
CB6PH	TSS	Spring2	6.76	31.20	Good	14.82	52.84	Fair
CB6PH	SECCHI	Spring2	1.65	46.69	Fair	-	-	-
CB7PH	TN	Spring2	0.52	22.44	Good	0.40	36.15	Good
CB7PH	DIN	Spring2	0.12	25.58	Good	0.09	46.05	Fair
CB7PH	STP	Spring2	0.02	20.77	Good	0.03	26.23	Good
CB7PH	PO4F	Spring2	0.00	19.78	Good	0.00	21.11	Good
CB7PH	CHLA	Spring2	7.37	37.78	Good	-	-	-
CB7PH	TSS	Spring2	7.20	35.64	Good	14.45	54.21	Fair
CB7PH	SECCHI	Spring2	1.50	42.67	Fair	-	-	-
CB8PH	TN	Spring2	0.44	28.97	Good	0.30	13.59	Good
CB8PH	DIN	Spring2	0.06	27.69	Good	0.02	29.00	Good
CB8PH	STP	Spring2	0.02	24.29	Good	0.02	22.55	Good
CB8PH	PO4F	Spring2	0.00	17.51	Good	0.00	21.15	Good
CB8PH	CHLA	Spring2	7.52	47.11	Fair	-	-	-
CB8PH	TSS	Spring2	7.49	45.93	Fair	11.98	38.60	Good
CB8PH	SECCHI	Spring2	1.35	26.03	Poor	-	-	-
APPTF	TN	Summer1	0.90	14.94	Good	0.89	11.87	Good
APPTF	DIN	Summer1	0.20	13.34	Good	0.21	12.27	Good
APPTF	STP	Summer1	0.09	33.53	Good	0.09	28.43	Good
APPTF	PO4F	Summer1	0.02	31.52	Good	0.02	40.56	Fair
APPTF	CHLA	Summer1	20.79	67.95	Poor	-	-	-
APPTF	TSS	Summer1	24.50	76.70	Poor	33.50	55.42	Fair
APPTF	SECCHI	Summer1	0.40	19.16	Poor	-	-	-
APPTF	DISOXY	Summer1	-	-	-	7.43	-	Good
JMSTFF1	TN	Summer1	0.92	14.56	Good	1.05	15.48	Good
JMSTFF1	DIN	Summer1	0.34	21.40	Good	0.34	20.82	Good
JMSTFF1	STP	Summer1	0.08	27.41	Good	0.10	30.85	Good
JMSTFF1	PO4F	Summer1	0.02	36.22	Fair	0.02	40.95	Fair
JMSTFF1	CHLA	Summer1	15.17	44.38	Fair	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
JMSTFF1	TSS	Summer1	27.00	73.67	Poor	43.50	66.19	Poor
JMSTFF1	SECCHI	Summer1	0.35	19.16	Poor	-	-	-
JMSTFF1	DISOXY	Summer1	-	-	-	6.78	-	Good
JMSTFF2	TN	Summer1	0.85	12.43	Good	0.94	12.20	Good
JMSTFF2	DIN	Summer1	0.43	22.74	Good	0.49	29.89	Good
JMSTFF2	STP	Summer1	0.07	24.35	Good	0.08	25.68	Good
JMSTFF2	PO4F	Summer1	0.03	42.56	Fair	0.03	48.38	Fair
JMSTFF2	CHLA	Summer1	3.03	3.29	Good	-	-	-
JMSTFF2	TSS	Summer1	9.50	22.63	Good	26.25	43.09	Fair
JMSTFF2	SECCHI	Summer1	0.68	69.53	Good	-	-	-
JMSTFF2	DISOXY	Summer1	-	-	-	7.57	-	Good
CHKOH	TN	Summer1	0.60	7.79	Good	0.71	14.09	Good
CHKOH	DIN	Summer1	0.01	11.78	Good	0.02	8.57	Good
CHKOH	STP	Summer1	0.08	27.32	Good	0.10	33.66	Good
CHKOH	PO4F	Summer1	0.02	30.69	Good	0.02	36.04	Good
CHKOH	CHLA	Summer1	11.97	41.60	Fair	-	-	-
CHKOH	TSS	Summer1	17.50	55.92	Fair	57.50	82.55	Poor
CHKOH	SECCHI	Summer1	0.50	34.64	Poor	-	-	-
CHKOH	DISOXY	Summer1	-	-	-	6.09	-	Good
JMSOH	TN	Summer1	0.60	8.56	Good	0.71	11.34	Good
JMSOH	DIN	Summer1	0.19	19.38	Good	0.19	17.50	Good
JMSOH	STP	Summer1	0.08	30.64	Good	0.11	45.25	Fair
JMSOH	PO4F	Summer1	0.03	49.81	Fair	0.03	52.96	Fair
JMSOH	CHLA	Summer1	9.79	25.08	Good	-	-	-
JMSOH	TSS	Summer1	22.50	73.63	Poor	45.00	75.16	Poor
JMSOH	SECCHI	Summer1	0.43	17.83	Poor	-	-	-
JMSOH	DISOXY	Summer1	-	-	-	6.27	-	Good
JMSMH	TN	Summer1	0.51	19.24	Good	0.61	53.82	Fair
JMSMH	DIN	Summer1	0.14	45.15	Fair	0.14	54.98	Fair
JMSMH	STP	Summer1	0.07	44.29	Fair	0.08	65.33	Poor
JMSMH	PO4F	Summer1	0.03	89.56	Poor	0.04	85.99	Poor
JMSMH	CHLA	Summer1	5.82	17.40	Good	-	-	-
JMSMH	TSS	Summer1	12.50	54.01	Fair	32.88	80.90	Poor
JMSMH	SECCHI	Summer1	0.80	26.71	Poor	-	-	-
JMSMH	DISOXY	Summer1	-	-	-	5.76	-	Good
JMSPH	TN	Summer1	0.52	36.71	Fair	0.48	44.01	Fair
JMSPH	DIN	Summer1	0.09	52.92	Fair	0.08	41.35	Fair
JMSPH	STP	Summer1	0.05	48.07	Fair	0.05	45.35	Fair
JMSPH	PO4F	Summer1	0.02	76.40	Poor	0.02	52.99	Fair
JMSPH	CHLA	Summer1	9.61	63.65	Poor	-	-	-
JMSPH	TSS	Summer1	10.56	58.41	Fair	15.50	37.78	Good
JMSPH	SECCHI	Summer1	0.98	19.23	Poor	-	-	-
JMSPH	DISOXY	Summer1	-	-	-	6.69	-	Good
EBEMH	TN	Summer1	0.94	83.66	Poor	0.87	92.59	Poor
EBEMH	DIN	Summer1	0.47	99.54	Poor	0.44	99.15	Poor
EBEMH	STP	Summer1	0.09	78.90	Poor	0.10	86.56	Poor

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
EBEMH	PO4F	Summer1	0.06	99.72	Poor	0.07	98.87	Poor
EBEMH	CHLA	Summer1	4.63	18.08	Good	-	-	-
EBEMH	TSS	Summer1	8.61	39.31	Fair	12.01	28.85	Good
EBEMH	SECCHI	Summer1	1.05	26.00	Poor	-	-	-
EBEMH	DISOXY	Summer1	-	-	-	4.58	-	Fair
WBEMH	TN	Summer1	0.76	75.27	Poor	0.78	77.38	Poor
WBEMH	DIN	Summer1	0.23	93.24	Poor	0.30	81.12	Poor
WBEMH	STP	Summer1	0.08	84.78	Poor	0.09	75.43	Poor
WBEMH	PO4F	Summer1	0.04	95.60	Poor	0.04	85.04	Poor
WBEMH	CHLA	Summer1	11.75	63.83	Poor	-	-	-
WBEMH	TSS	Summer1	21.08	88.36	Poor	24.00	72.89	Poor
WBEMH	SECCHI	Summer1	0.60	3.80	Poor	-	-	-
WBEMH	DISOXY	Summer1	-	-	-	5.69	-	Good
SBEMH	TN	Summer1	1.11	98.04	Poor	1.04	97.77	Poor
SBEMH	DIN	Summer1	0.61	99.90	Poor	0.57	99.87	Poor
SBEMH	STP	Summer1	0.09	83.53	Poor	0.09	83.18	Poor
SBEMH	PO4F	Summer1	0.05	98.74	Poor	0.06	98.78	Poor
SBEMH	CHLA	Summer1	5.31	15.29	Good	-	-	-
SBEMH	TSS	Summer1	8.53	37.60	Good	10.04	21.23	Good
SBEMH	SECCHI	Summer1	0.93	15.93	Poor	-	-	-
SBEMH	DISOXY	Summer1	-	-	-	3.73	-	Fair
ELIPH	TN	Summer1	0.72	70.19	Poor	0.66	79.18	Poor
ELIPH	DIN	Summer1	0.28	94.75	Poor	0.25	94.93	Poor
ELIPH	STP	Summer1	0.08	77.51	Poor	0.08	79.25	Poor
ELIPH	PO4F	Summer1	0.04	96.58	Poor	0.05	95.65	Poor
ELIPH	CHLA	Summer1	10.20	54.85	Fair	-	-	-
ELIPH	TSS	Summer1	10.41	53.71	Fair	20.46	46.86	Fair
ELIPH	SECCHI	Summer1	0.90	11.66	Poor	-	-	-
ELIPH	DISOXY	Summer1	-	-	-	4.99	-	Fair
PMKTF	TN	Summer1	0.78	10.83	Good	0.80	9.25	Good
PMKTF	DIN	Summer1	0.31	18.73	Good	0.31	17.73	Good
PMKTF	STP	Summer1	0.08	27.94	Good	0.08	22.83	Good
PMKTF	PO4F	Summer1	0.02	30.69	Good	0.02	36.04	Good
PMKTF	CHLA	Summer1	2.80	7.35	Good	-	-	-
PMKTF	TSS	Summer1	15.50	44.92	Fair	12.00	9.17	Good
PMKTF	SECCHI	Summer1	0.70	67.29	Good	-	-	-
PMKTF	DISOXY	Summer1	-	-	-	5.30	-	Good
PMKOH	TN	Summer1	0.74	23.89	Good	0.88	44.69	Fair
PMKOH	DIN	Summer1	0.18	23.47	Good	0.20	27.53	Good
PMKOH	STP	Summer1	0.11	62.23	Fair	0.15	74.58	Poor
PMKOH	PO4F	Summer1	0.03	55.31	Fair	0.03	56.11	Fair
PMKOH	CHLA	Summer1	8.70	29.02	Good	-	-	-
PMKOH	TSS	Summer1	27.50	89.28	Poor	50.50	90.20	Poor
PMKOH	SECCHI	Summer1	0.50	7.73	Poor	-	-	-
PMKOH	DISOXY	Summer1	-	-	-	4.57	-	Fair
MPNTF	TN	Summer1	0.69	8.24	Good	0.68	5.65	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
MPNTF	DIN	Summer1	0.25	15.76	Good	0.23	13.49	Good
MPNTF	STP	Summer1	0.07	22.35	Good	0.07	20.57	Good
MPNTF	PO4F	Summer1	0.01	25.65	Good	0.01	33.15	Good
MPNTF	CHLA	Summer1	1.95	4.73	Good	-	-	-
MPNTF	TSS	Summer1	7.50	12.25	Good	11.00	7.33	Good
MPNTF	SECCHI	Summer1	0.80	81.63	Good	-	-	-
MPNTF	DISOXY	Summer1	-	-	-	5.74	-	Good
MPNOH	TN	Summer1	0.70	21.28	Good	0.85	28.41	Good
MPNOH	DIN	Summer1	0.16	23.32	Good	0.15	15.93	Good
MPNOH	STP	Summer1	0.10	61.58	Fair	0.12	66.12	Poor
MPNOH	PO4F	Summer1	0.03	55.20	Fair	0.02	52.38	Fair
MPNOH	CHLA	Summer1	7.55	22.73	Good	-	-	-
MPNOH	TSS	Summer1	28.50	92.52	Poor	52.50	87.55	Poor
MPNOH	SECCHI	Summer1	0.40	9.08	Poor	-	-	-
MPNOH	DISOXY	Summer1	-	-	-	4.69	-	Fair
YRKMH	TN	Summer1	0.66	34.98	Good	0.85	85.67	Poor
YRKMH	DIN	Summer1	0.17	45.12	Fair	0.16	43.12	Fair
YRKMH	STP	Summer1	0.08	55.59	Fair	0.14	98.33	Poor
YRKMH	PO4F	Summer1	0.03	79.46	Poor	0.03	68.64	Poor
YRKMH	CHLA	Summer1	13.80	45.24	Fair	-	-	-
YRKMH	TSS	Summer1	23.00	83.99	Poor	67.25	94.08	Poor
YRKMH	SECCHI	Summer1	0.55	6.38	Poor	-	-	-
YRKMH	DISOXY	Summer1	-	-	-	4.41	-	Fair
YRKPH	TN	Summer1	0.55	27.01	Good	0.62	67.13	Poor
YRKPH	DIN	Summer1	0.10	55.61	Fair	0.20	78.52	Poor
YRKPH	STP	Summer1	0.06	44.73	Fair	0.07	59.80	Fair
YRKPH	PO4F	Summer1	0.02	69.83	Poor	0.03	67.15	Poor
YRKPH	CHLA	Summer1	10.32	46.65	Fair	-	-	-
YRKPH	TSS	Summer1	9.00	48.47	Fair	28.00	65.81	Poor
YRKPH	SECCHI	Summer1	0.90	21.82	Poor	-	-	-
YRKPH	DISOXY	Summer1	-	-	-	3.81	-	Fair
MOBPH	TN	Summer1	0.52	44.68	Fair	0.53	49.91	Fair
MOBPH	DIN	Summer1	0.02	25.33	Good	0.04	14.00	Good
MOBPH	STP	Summer1	0.04	37.04	Fair	0.04	31.74	Good
MOBPH	PO4F	Summer1	0.00	23.15	Good	0.00	15.95	Good
MOBPH	CHLA	Summer1	11.82	73.18	Poor	-	-	-
MOBPH	TSS	Summer1	11.62	56.37	Fair	15.43	34.71	Good
MOBPH	SECCHI	Summer1	0.90	15.93	Poor	-	-	-
MOBPH	DISOXY	Summer1	-	-	-	6.13	-	Good
RPPTF	TN	Summer1	0.85	13.93	Good	0.87	11.81	Good
RPPTF	DIN	Summer1	0.43	22.45	Good	0.43	18.99	Good
RPPTF	STP	Summer1	0.07	21.50	Good	0.08	21.60	Good
RPPTF	PO4F	Summer1	0.01	23.14	Good	0.01	29.66	Good
RPPTF	CHLA	Summer1	20.73	73.16	Poor	-	-	-
RPPTF	TSS	Summer1	24.00	71.21	Poor	35.94	53.38	Fair
RPPTF	SECCHI	Summer1	0.45	33.46	Poor	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
RPPTF	DISOXY	Summer1	-	-	-	6.86	-	Good
RPPMH	TN	Summer1	0.57	20.99	Good	0.57	31.99	Good
RPPMH	DIN	Summer1	0.02	19.89	Good	0.06	16.26	Good
RPPMH	STP	Summer1	0.05	35.16	Fair	0.05	30.69	Good
RPPMH	PO4F	Summer1	0.01	34.28	Good	0.01	26.76	Good
RPPMH	CHLA	Summer1	11.66	57.08	Fair	-	-	-
RPPMH	TSS	Summer1	9.32	38.15	Fair	15.20	46.57	Fair
RPPMH	SECCHI	Summer1	0.98	32.29	Poor	-	-	-
RPPMH	DISOXY	Summer1	-	-	-	4.28	-	Fair
RPPOH	TN	Summer1	0.62	12.70	Good	0.85	16.07	Good
RPPOH	DIN	Summer1	0.01	13.83	Good	0.02	13.18	Good
RPPOH	STP	Summer1	0.06	26.54	Good	0.09	39.20	Fair
RPPOH	PO4F	Summer1	0.01	26.01	Good	0.01	31.72	Good
RPPOH	CHLA	Summer1	17.78	61.67	Fair	-	-	-
RPPOH	TSS	Summer1	23.00	76.70	Poor	55.00	80.07	Poor
RPPOH	SECCHI	Summer1	0.45	17.83	Poor	-	-	-
RPPOH	DISOXY	Summer1	-	-	-	6.68	-	Good
CRRMH	TN	Summer1	0.55	43.91	Fair	0.57	43.34	Fair
CRRMH	DIN	Summer1	0.01	18.96	Good	0.02	9.58	Good
CRRMH	STP	Summer1	0.05	35.16	Fair	0.05	30.69	Good
CRRMH	PO4F	Summer1	0.01	34.28	Good	0.01	21.90	Good
CRRMH	CHLA	Summer1	9.97	48.82	Fair	-	-	-
CRRMH	TSS	Summer1	5.00	14.97	Good	6.00	9.82	Good
CRRMH	SECCHI	Summer1	1.25	58.93	Fair	-	-	-
CRRMH	DISOXY	Summer1	-	-	-	4.31	-	Fair
PIAMH	TN	Summer1	0.55	23.99	Good	0.54	26.82	Good
PIAMH	DIN	Summer1	0.02	18.96	Good	0.04	13.04	Good
PIAMH	STP	Summer1	0.03	25.24	Good	0.04	21.42	Good
PIAMH	PO4F	Summer1	0.00	21.18	Good	0.00	15.02	Good
PIAMH	CHLA	Summer1	11.24	58.11	Fair	-	-	-
PIAMH	TSS	Summer1	7.77	33.66	Good	10.32	30.33	Good
PIAMH	SECCHI	Summer1	1.15	48.03	Fair	-	-	-
PIAMH	DISOXY	Summer1	-	-	-	5.89	-	Good
POCMH	TN	Summer1	0.72	51.23	Fair	0.75	66.39	Poor
POCMH	DIN	Summer1	0.02	25.79	Good	0.04	12.89	Good
POCMH	STP	Summer1	0.04	32.89	Good	0.05	26.92	Good
POCMH	PO4F	Summer1	0.00	23.09	Good	0.00	15.25	Good
POCMH	CHLA	Summer1	11.67	59.93	Fair	-	-	-
POCMH	TSS	Summer1	14.18	69.41	Poor	19.70	59.24	Fair
POCMH	SECCHI	Summer1	0.65	8.27	Poor	-	-	-
POCMH	DISOXY	Summer1	-	-	-	6.89	-	Good
CB5MH	TN	Summer1	0.62	33.12	Good	0.60	58.34	Fair
CB5MH	DIN	Summer1	0.03	23.97	Good	0.16	69.59	Poor
CB5MH	STP	Summer1	0.03	23.96	Good	0.05	30.60	Good
CB5MH	PO4F	Summer1	0.00	27.99	Good	0.02	44.78	Fair
CB5MH	CHLA	Summer1	10.16	43.07	Fair	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
CB5MH	TSS	Summer1	6.52	25.28	Good	9.28	21.78	Good
CB5MH	SECCHI	Summer1	1.43	67.14	Good	-	-	-
CB5MH	DISOXY	Summer1	-	-	-	3.08	-	Fair
CB6PH	TN	Summer1	0.54	24.64	Good	0.47	40.73	Fair
CB6PH	DIN	Summer1	0.02	26.64	Good	0.12	60.25	Fair
CB6PH	STP	Summer1	0.03	26.02	Good	0.04	28.48	Good
CB6PH	PO4F	Summer1	0.00	25.11	Good	0.02	40.13	Fair
CB6PH	CHLA	Summer1	10.94	52.60	Fair	-	-	-
CB6PH	TSS	Summer1	7.83	33.90	Good	14.12	31.25	Good
CB6PH	SECCHI	Summer1	1.33	58.93	Fair	-	-	-
CB6PH	DISOXY	Summer1	-	-	-	3.99	-	Fair
CB7PH	TN	Summer1	0.46	22.67	Good	0.43	29.85	Good
CB7PH	DIN	Summer1	0.02	27.92	Good	0.09	34.02	Good
CB7PH	STP	Summer1	0.03	23.17	Good	0.04	23.48	Good
CB7PH	PO4F	Summer1	0.00	24.09	Good	0.01	25.44	Good
CB7PH	CHLA	Summer1	8.30	43.12	Fair	-	-	-
CB7PH	TSS	Summer1	7.39	32.28	Good	13.91	30.21	Good
CB7PH	SECCHI	Summer1	1.43	55.01	Fair	-	-	-
CB7PH	DISOXY	Summer1	-	-	-	5.24	-	Good
CB8PH	TN	Summer1	0.39	28.44	Good	0.32	10.43	Good
CB8PH	DIN	Summer1	0.03	35.02	Good	0.05	23.61	Good
CB8PH	STP	Summer1	0.03	32.70	Good	0.03	15.80	Good
CB8PH	PO4F	Summer1	0.01	29.89	Good	0.02	30.71	Good
CB8PH	CHLA	Summer1	7.38	54.23	Fair	-	-	-
CB8PH	TSS	Summer1	7.46	33.42	Good	10.31	12.31	Good
CB8PH	SECCHI	Summer1	1.60	48.03	Fair	-	-	-
CB8PH	DISOXY	Summer1	-	-	-	6.69	-	Good
APPTF	TN	Summer2	0.84	12.51	Good	0.96	14.46	Good
APPTF	DIN	Summer2	0.20	13.34	Good	0.21	12.27	Good
APPTF	STP	Summer2	0.09	34.40	Good	0.09	28.81	Good
APPTF	PO4F	Summer2	0.02	31.52	Good	0.02	40.56	Fair
APPTF	CHLA	Summer2	29.70	74.84	Poor	-	-	-
APPTF	TSS	Summer2	23.00	73.39	Poor	35.00	58.35	Fair
APPTF	SECCHI	Summer2	0.40	19.02	Poor	-	-	-
JMSTFF1	TN	Summer2	0.95	15.20	Good	1.05	18.66	Good
JMSTFF1	DIN	Summer2	0.34	21.40	Good	0.34	20.82	Good
JMSTFF1	STP	Summer2	0.08	26.25	Good	0.10	31.16	Good
JMSTFF1	PO4F	Summer2	0.02	36.22	Fair	0.02	40.95	Fair
JMSTFF1	CHLA	Summer2	11.98	33.74	Good	-	-	-
JMSTFF1	TSS	Summer2	25.00	73.39	Poor	47.00	67.55	Poor
JMSTFF1	SECCHI	Summer2	0.30	9.16	Poor	-	-	-
JMSTFF2	TN	Summer2	0.88	12.89	Good	1.00	14.40	Good
JMSTFF2	DIN	Summer2	0.43	22.74	Good	0.49	29.89	Good
JMSTFF2	STP	Summer2	0.07	26.16	Good	0.09	25.33	Good
JMSTFF2	PO4F	Summer2	0.03	42.56	Fair	0.03	48.38	Fair
JMSTFF2	CHLA	Summer2	4.33	4.02	Good	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
JMSTFF2	TSS	Summer2	9.00	19.32	Good	24.50	43.46	Fair
JMSTFF2	SECCHI	Summer2	0.85	68.29	Good	-	-	-
CHKOH	TN	Summer2	0.64	8.37	Good	0.80	15.65	Good
CHKOH	DIN	Summer2	0.01	11.78	Good	0.02	8.57	Good
CHKOH	STP	Summer2	0.08	27.11	Good	0.10	44.93	Fair
CHKOH	PO4F	Summer2	0.02	30.69	Good	0.02	36.04	Good
CHKOH	CHLA	Summer2	12.32	36.47	Good	-	-	-
CHKOH	TSS	Summer2	16.00	63.91	Poor	58.00	87.36	Poor
CHKOH	SECCHI	Summer2	0.60	34.05	Poor	-	-	-
JMSOH	TN	Summer2	0.68	11.39	Good	0.71	13.18	Good
JMSOH	DIN	Summer2	0.19	19.38	Good	0.19	17.50	Good
JMSOH	STP	Summer2	0.08	30.88	Good	0.10	53.47	Fair
JMSOH	PO4F	Summer2	0.03	49.81	Fair	0.03	52.96	Fair
JMSOH	CHLA	Summer2	8.62	19.29	Good	-	-	-
JMSOH	TSS	Summer2	27.50	77.12	Poor	48.50	82.44	Poor
JMSOH	SECCHI	Summer2	0.40	15.56	Poor	-	-	-
JMSMH	TN	Summer2	0.52	18.74	Good	0.63	55.98	Fair
JMSMH	DIN	Summer2	0.14	45.15	Fair	0.14	54.98	Fair
JMSMH	STP	Summer2	0.08	49.90	Fair	0.10	75.16	Poor
JMSMH	PO4F	Summer2	0.03	89.56	Poor	0.04	85.99	Poor
JMSMH	CHLA	Summer2	4.53	12.95	Good	-	-	-
JMSMH	TSS	Summer2	12.50	51.99	Fair	36.00	81.12	Poor
JMSMH	SECCHI	Summer2	0.80	26.10	Poor	-	-	-
JMSPH	TN	Summer2	0.53	34.85	Good	0.48	42.67	Fair
JMSPH	DIN	Summer2	0.09	52.92	Fair	0.08	41.35	Fair
JMSPH	STP	Summer2	0.06	46.90	Fair	0.05	36.67	Good
JMSPH	PO4F	Summer2	0.02	76.40	Poor	0.02	52.99	Fair
JMSPH	CHLA	Summer2	10.14	64.15	Poor	-	-	-
JMSPH	TSS	Summer2	11.00	56.27	Fair	15.00	30.68	Good
JMSPH	SECCHI	Summer2	1.00	23.19	Poor	-	-	-
EBEMH	TN	Summer2	0.90	81.50	Poor	0.80	90.93	Poor
EBEMH	DIN	Summer2	0.47	99.54	Poor	0.44	99.15	Poor
EBEMH	STP	Summer2	0.10	77.69	Poor	0.10	88.46	Poor
EBEMH	PO4F	Summer2	0.06	99.72	Poor	0.07	98.87	Poor
EBEMH	CHLA	Summer2	4.63	8.14	Good	-	-	-
EBEMH	TSS	Summer2	8.83	38.22	Fair	11.80	20.12	Good
EBEMH	SECCHI	Summer2	1.10	31.75	Poor	-	-	-
WBEMH	TN	Summer2	0.74	76.04	Poor	0.83	79.98	Poor
WBEMH	DIN	Summer2	0.23	93.24	Poor	0.30	81.12	Poor
WBEMH	STP	Summer2	0.09	93.55	Poor	0.10	72.54	Poor
WBEMH	PO4F	Summer2	0.04	95.60	Poor	0.04	85.04	Poor
WBEMH	CHLA	Summer2	11.75	60.23	Fair	-	-	-
WBEMH	TSS	Summer2	17.20	82.02	Poor	23.17	66.89	Poor
WBEMH	SECCHI	Summer2	0.70	4.21	Poor	-	-	-
SBEMH	TN	Summer2	1.11	97.75	Poor	1.09	98.34	Poor
SBEMH	DIN	Summer2	0.61	99.90	Poor	0.57	99.87	Poor



Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
SBEMH	STP	Summer2	0.09	80.60	Poor	0.09	84.19	Poor
SBEMH	PO4F	Summer2	0.05	98.74	Poor	0.06	98.78	Poor
SBEMH	CHLA	Summer2	5.81	13.56	Good	-	-	-
SBEMH	TSS	Summer2	8.57	34.99	Good	10.03	21.49	Good
SBEMH	SECCHI	Summer2	0.85	17.10	Poor	-	-	-
ELIPH	TN	Summer2	0.72	76.21	Poor	0.67	81.83	Poor
ELIPH	DIN	Summer2	0.28	94.75	Poor	0.25	94.93	Poor
ELIPH	STP	Summer2	0.08	77.06	Poor	0.08	79.86	Poor
ELIPH	PO4F	Summer2	0.04	96.58	Poor	0.05	95.65	Poor
ELIPH	CHLA	Summer2	10.19	49.15	Fair	-	-	-
ELIPH	TSS	Summer2	10.38	48.09	Fair	17.90	33.88	Good
ELIPH	SECCHI	Summer2	0.90	14.33	Poor	-	-	-
PMKTF	TN	Summer2	0.78	11.24	Good	0.78	9.42	Good
PMKTF	DIN	Summer2	0.31	18.73	Good	0.31	17.73	Good
PMKTF	STP	Summer2	0.08	24.53	Good	0.07	19.85	Good
PMKTF	PO4F	Summer2	0.02	30.69	Good	0.02	36.04	Good
PMKTF	CHLA	Summer2	2.69	6.15	Good	-	-	-
PMKTF	TSS	Summer2	16.00	46.97	Fair	10.00	6.25	Good
PMKTF	SECCHI	Summer2	0.60	51.88	Fair	-	-	-
PMKOH	TN	Summer2	0.70	24.15	Good	0.87	37.45	Fair
PMKOH	DIN	Summer2	0.18	23.47	Good	0.20	27.53	Good
PMKOH	STP	Summer2	0.12	60.72	Fair	0.14	57.48	Fair
PMKOH	PO4F	Summer2	0.03	55.31	Fair	0.03	56.11	Fair
PMKOH	CHLA	Summer2	7.80	24.99	Good	-	-	-
PMKOH	TSS	Summer2	28.00	89.43	Poor	44.00	88.15	Poor
PMKOH	SECCHI	Summer2	0.50	6.56	Poor	-	-	-
MPNTF	TN	Summer2	0.67	7.41	Good	0.64	4.70	Good
MPNTF	DIN	Summer2	0.25	15.76	Good	0.23	13.49	Good
MPNTF	STP	Summer2	0.06	18.15	Good	0.07	19.05	Good
MPNTF	PO4F	Summer2	0.01	25.65	Good	0.01	33.15	Good
MPNTF	CHLA	Summer2	1.99	4.23	Good	-	-	-
MPNTF	TSS	Summer2	5.00	5.44	Good	7.50	3.32	Good
MPNTF	SECCHI	Summer2	0.80	80.53	Good	-	-	-
MPNOH	TN	Summer2	0.70	17.35	Good	0.73	17.96	Good
MPNOH	DIN	Summer2	0.16	23.32	Good	0.15	15.93	Good
MPNOH	STP	Summer2	0.10	42.16	Fair	0.11	51.31	Fair
MPNOH	PO4F	Summer2	0.03	55.20	Fair	0.02	52.38	Fair
MPNOH	CHLA	Summer2	7.46	19.59	Good	-	-	-
MPNOH	TSS	Summer2	28.00	68.35	Poor	31.00	80.77	Poor
MPNOH	SECCHI	Summer2	0.50	19.02	Poor	-	-	-
CRRMH	DISOXY	Summer1	-	-	-	4.31	-	Fair
YRKMH	TN	Summer2	0.67	37.38	Fair	0.84	87.26	Poor
YRKMH	DIN	Summer2	0.17	45.12	Fair	0.16	43.12	Fair
YRKMH	STP	Summer2	0.08	50.21	Fair	0.13	98.02	Poor
YRKMH	PO4F	Summer2	0.03	79.46	Poor	0.03	68.64	Poor
YRKMH	CHLA	Summer2	10.55	39.67	Fair	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
YRKM	TSS	Summer2	17.75	76.41	Poor	46.50	80.93	Poor
YRKM	SECCHI	Summer2	0.55	6.56	Poor	-	-	-
YRKPH	TN	Summer2	0.57	30.56	Good	0.60	63.12	Poor
YRKPH	DIN	Summer2	0.10	55.61	Fair	0.20	78.52	Poor
YRKPH	STP	Summer2	0.06	45.23	Fair	0.08	53.88	Fair
YRKPH	PO4F	Summer2	0.02	69.83	Poor	0.03	67.15	Poor
YRKPH	CHLA	Summer2	9.93	42.73	Fair	-	-	-
YRKPH	TSS	Summer2	9.00	47.80	Fair	26.00	64.19	Poor
YRKPH	SECCHI	Summer2	0.90	19.26	Poor	-	-	-
MOBPH	TN	Summer2	0.52	46.27	Fair	0.53	47.28	Fair
MOBPH	DIN	Summer2	0.02	25.33	Good	0.04	14.00	Good
MOBPH	STP	Summer2	0.04	38.66	Fair	0.05	28.17	Good
MOBPH	PO4F	Summer2	0.00	23.15	Good	0.00	15.95	Good
MOBPH	CHLA	Summer2	13.26	73.82	Poor	-	-	-
MOBPH	TSS	Summer2	11.56	55.80	Fair	15.98	33.47	Good
MOBPH	SECCHI	Summer2	0.90	16.57	Poor	-	-	-
RPPTF	TN	Summer2	0.85	13.40	Good	0.84	10.24	Good
RPPTF	DIN	Summer2	0.43	22.45	Good	0.43	18.99	Good
RPPTF	STP	Summer2	0.06	19.61	Good	0.07	20.09	Good
RPPTF	PO4F	Summer2	0.01	23.14	Good	0.01	29.66	Good
RPPTF	CHLA	Summer2	24.78	71.52	Poor	-	-	-
RPPTF	TSS	Summer2	24.00	70.35	Poor	31.00	48.83	Fair
RPPTF	SECCHI	Summer2	0.45	31.53	Poor	-	-	-
RPPMH	TN	Summer2	0.56	24.37	Good	0.56	29.79	Good
RPPMH	DIN	Summer2	0.02	19.89	Good	0.06	16.26	Good
RPPMH	STP	Summer2	0.05	34.91	Good	0.05	31.59	Good
RPPMH	PO4F	Summer2	0.01	34.28	Good	0.01	26.76	Good
RPPMH	CHLA	Summer2	12.51	55.88	Fair	-	-	-
RPPMH	TSS	Summer2	9.78	35.53	Good	13.00	32.84	Good
RPPMH	SECCHI	Summer2	1.00	35.40	Poor	-	-	-
RPPOH	TN	Summer2	0.61	12.76	Good	0.82	18.29	Good
RPPOH	DIN	Summer2	0.01	13.83	Good	0.02	13.18	Good
RPPOH	STP	Summer2	0.06	28.89	Good	0.10	54.69	Fair
RPPOH	PO4F	Summer2	0.01	26.01	Good	0.01	31.72	Good
RPPOH	CHLA	Summer2	21.88	61.50	Fair	-	-	-
RPPOH	TSS	Summer2	23.00	79.31	Poor	59.00	84.45	Poor
RPPOH	SECCHI	Summer2	0.50	10.53	Poor	-	-	-
CRRMH	TN	Summer2	0.56	46.87	Fair	0.57	39.12	Fair
CRRMH	DIN	Summer2	0.01	18.96	Good	0.02	9.58	Good
CRRMH	STP	Summer2	0.05	32.29	Good	0.05	28.99	Good
CRRMH	PO4F	Summer2	0.01	34.28	Good	0.01	21.90	Good
CRRMH	CHLA	Summer2	9.99	64.81	Poor	-	-	-
CRRMH	TSS	Summer2	5.00	13.45	Good	6.00	7.10	Good
CRRMH	SECCHI	Summer2	1.20	60.04	Fair	-	-	-
PIAMH	TN	Summer2	0.53	23.98	Good	0.53	21.20	Good
PIAMH	DIN	Summer2	0.02	18.96	Good	0.04	13.04	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
PIAMH	STP	Summer2	0.04	28.42	Good	0.05	22.00	Good
PIAMH	PO4F	Summer2	0.00	21.18	Good	0.00	15.02	Good
PIAMH	CHLA	Summer2	10.92	55.66	Fair	-	-	-
PIAMH	TSS	Summer2	7.84	31.24	Good	11.28	28.22	Good
PIAMH	SECCHI	Summer2	1.20	50.88	Fair	-	-	-
POCMH	TN	Summer2	0.70	54.58	Fair	0.74	68.13	Poor
POCMH	DIN	Summer2	0.02	25.79	Good	0.04	12.89	Good
POCMH	STP	Summer2	0.04	31.46	Good	0.05	23.43	Good
POCMH	PO4F	Summer2	0.00	23.09	Good	0.00	15.25	Good
POCMH	CHLA	Summer2	10.62	57.44	Fair	-	-	-
POCMH	TSS	Summer2	12.70	62.75	Poor	18.20	53.82	Fair
POCMH	SECCHI	Summer2	0.70	10.53	Poor	-	-	-
CB5MH	TN	Summer2	0.60	33.35	Good	0.60	53.72	Fair
CB5MH	DIN	Summer2	0.03	23.97	Good	0.16	69.59	Poor
CB5MH	STP	Summer2	0.03	24.34	Good	0.05	33.47	Good
CB5MH	PO4F	Summer2	0.00	27.99	Good	0.02	44.78	Fair
CB5MH	CHLA	Summer2	9.84	39.83	Fair	-	-	-
CB5MH	TSS	Summer2	6.44	22.18	Good	7.40	16.72	Good
CB5MH	SECCHI	Summer2	1.50	75.08	Good	-	-	-
CB6PH	TN	Summer2	0.51	25.05	Good	0.46	34.32	Good
CB6PH	DIN	Summer2	0.02	26.64	Good	0.12	60.25	Fair
CB6PH	STP	Summer2	0.03	27.47	Good	0.05	27.13	Good
CB6PH	PO4F	Summer2	0.00	25.11	Good	0.02	40.13	Fair
CB6PH	CHLA	Summer2	10.15	49.12	Fair	-	-	-
CB6PH	TSS	Summer2	7.88	31.86	Good	13.65	27.05	Good
CB6PH	SECCHI	Summer2	1.35	60.04	Fair	-	-	-
CB7PH	TN	Summer2	0.44	22.50	Good	0.42	26.32	Good
CB7PH	DIN	Summer2	0.02	27.92	Good	0.09	34.02	Good
CB7PH	STP	Summer2	0.03	22.07	Good	0.04	20.86	Good
CB7PH	PO4F	Summer2	0.00	24.09	Good	0.01	25.44	Good
CB7PH	CHLA	Summer2	8.28	42.60	Fair	-	-	-
CB7PH	TSS	Summer2	7.12	29.03	Good	13.86	24.97	Good
CB7PH	SECCHI	Summer2	1.45	60.04	Fair	-	-	-
CB8PH	TN	Summer2	0.39	27.61	Good	0.33	9.14	Good
CB8PH	DIN	Summer2	0.03	35.02	Good	0.05	23.61	Good
CB8PH	STP	Summer2	0.03	31.06	Good	0.03	14.30	Good
CB8PH	PO4F	Summer2	0.01	29.89	Good	0.02	30.71	Good
CB8PH	CHLA	Summer2	7.55	53.62	Fair	-	-	-
CB8PH	TSS	Summer2	7.35	30.17	Good	11.12	9.97	Good
CB8PH	SECCHI	Summer2	1.60	49.61	Fair	-	-	-
APPTF	TN	Winter	0.86	10.65	Good	0.85	9.38	Good
APPTF	DIN	Winter	0.38	8.29	Good	0.38	7.85	Good
APPTF	STP	Winter	0.10	51.25	Fair	0.08	26.72	Good
APPTF	PO4F	Winter	0.01	26.10	Good	0.02	28.63	Good
APPTF	CHLA	Winter	8.03	92.75	Poor	-	-	-
APPTF	TSS	Winter	23.00	71.36	Poor	19.00	36.04	Good
APPTF	SECCHI	Winter	0.50	45.35	Fair	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface	Surface	Surface	Bottom	Bottom	Bottom
			Median	Score	Status	Median	Score	Status
JMSTF1	TN	Winter	1.39	24.95	Good	1.85	35.67	Good
JMSTF1	DIN	Winter	0.80	22.33	Good	0.83	20.81	Good
JMSTF1	STP	Winter	0.11	48.30	Fair	0.14	58.95	Poor
JMSTF1	PO4F	Winter	0.02	31.56	Good	0.02	32.90	Good
JMSTF1	CHLA	Winter	8.69	93.08	Poor	-	-	-
JMSTF1	TSS	Winter	34.00	79.82	Poor	65.00	82.82	Poor
JMSTF1	SECCHI	Winter	0.40	29.47	Poor	-	-	-
JMSTF2	TN	Winter	0.62	7.39	Good	0.81	8.20	Good
JMSTF2	DIN	Winter	0.47	10.71	Good	0.57	13.16	Good
JMSTF2	STP	Winter	0.06	24.44	Good	0.09	29.26	Good
JMSTF2	PO4F	Winter	0.03	43.89	Fair	0.04	53.82	Fair
JMSTF2	CHLA	Winter	0.98	10.21	Good	-	-	-
JMSTF2	TSS	Winter	5.00	10.56	Good	6.50	8.63	Good
JMSTF2	SECCHI	Winter	1.60	99.45	Good	-	-	-
CHKOH	TN	Winter	0.72	6.30	Good	0.71	5.34	Good
CHKOH	DIN	Winter	0.22	4.72	Good	0.19	4.19	Good
CHKOH	STP	Winter	0.06	24.16	Good	0.07	21.79	Good
CHKOH	PO4F	Winter	0.01	23.33	Good	0.01	23.89	Good
CHKOH	CHLA	Winter	12.82	93.73	Poor	-	-	-
CHKOH	TSS	Winter	19.00	63.61	Poor	22.00	36.11	Good
CHKOH	SECCHI	Winter	0.50	45.35	Fair	-	-	-
JMSOH	TN	Winter	0.85	24.07	Good	0.83	15.58	Good
JMSOH	DIN	Winter	0.47	29.60	Good	0.41	22.65	Good
JMSOH	STP	Winter	0.07	57.09	Fair	0.09	56.01	Fair
JMSOH	PO4F	Winter	0.02	77.81	Poor	0.01	75.01	Poor
JMSOH	CHLA	Winter	6.64	36.03	Good	-	-	-
JMSOH	TSS	Winter	22.00	77.96	Poor	36.00	66.08	Poor
JMSOH	SECCHI	Winter	0.59	20.89	Poor	-	-	-
JMSMH	TN	Winter	0.58	27.45	Good	0.59	37.44	Good
JMSMH	DIN	Winter	0.04	13.81	Good	0.03	20.14	Good
JMSMH	STP	Winter	0.04	59.76	Poor	0.05	64.52	Poor
JMSMH	PO4F	Winter	0.01	43.05	Fair	0.01	50.98	Fair
JMSMH	CHLA	Winter	12.08	69.49	Poor	-	-	-
JMSMH	TSS	Winter	12.00	26.60	Good	17.25	51.21	Fair
JMSMH	SECCHI	Winter	1.03	20.77	Poor	-	-	-
JMSPH	TN	Winter	0.45	21.30	Good	0.49	31.08	Good
JMSPH	DIN	Winter	0.03	16.28	Good	0.02	21.20	Good
JMSPH	STP	Winter	0.03	41.86	Fair	0.03	30.38	Good
JMSPH	PO4F	Winter	0.00	29.15	Good	0.00	20.38	Good
JMSPH	CHLA	Winter	14.10	47.75	Fair	-	-	-
JMSPH	TSS	Winter	10.01	58.20	Poor	12.50	31.65	Good
JMSPH	SECCHI	Winter	1.35	24.62	Poor	-	-	-
EBEMH	TN	Winter	0.72	51.20	Fair	0.71	61.01	Poor
EBEMH	DIN	Winter	0.28	45.51	Fair	0.17	63.25	Poor
EBEMH	STP	Winter	0.04	59.84	Poor	0.04	42.55	Fair
EBEMH	PO4F	Winter	0.00	23.78	Good	0.00	16.94	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
EBEMH	CHLA	Winter	14.69	79.21	Poor	-	-	-
EBEMH	TSS	Winter	10.75	63.62	Poor	13.31	37.01	Good
EBEMH	SECCHI	Winter	1.00	14.05	Poor	-	-	-
WBEMH	TN	Winter	0.60	32.35	Good	0.57	33.78	Good
WBEMH	DIN	Winter	0.09	15.41	Good	0.11	26.25	Good
WBEMH	STP	Winter	0.04	52.82	Fair	0.04	38.15	Good
WBEMH	PO4F	Winter	0.00	21.99	Good	0.00	16.94	Good
WBEMH	CHLA	Winter	12.64	73.08	Poor	-	-	-
WBEMH	TSS	Winter	11.09	63.74	Poor	12.95	35.25	Good
WBEMH	SECCHI	Winter	0.85	8.42	Poor	-	-	-
SBEMH	TN	Winter	1.03	83.70	Poor	0.89	82.14	Poor
SBEMH	DIN	Winter	0.45	76.68	Poor	0.38	83.30	Poor
SBEMH	STP	Winter	0.04	63.33	Poor	0.04	42.64	Good
SBEMH	PO4F	Winter	0.01	79.93	Poor	0.01	58.57	Poor
SBEMH	CHLA	Winter	9.88	53.69	Fair	-	-	-
SBEMH	TSS	Winter	7.90	47.53	Fair	9.51	22.41	Good
SBEMH	SECCHI	Winter	0.90	13.16	Poor	-	-	-
ELIPH	TN	Winter	0.64	49.57	Fair	0.65	62.85	Poor
ELIPH	DIN	Winter	0.15	32.45	Good	0.07	45.19	Fair
ELIPH	STP	Winter	0.04	64.49	Poor	0.04	56.25	Fair
ELIPH	PO4F	Winter	0.00	26.77	Good	0.00	30.83	Good
ELIPH	CHLA	Winter	15.96	83.39	Poor	-	-	-
ELIPH	TSS	Winter	10.08	62.89	Poor	19.32	52.83	Fair
ELIPH	SECCHI	Winter	0.93	11.91	Poor	-	-	-
PMKTF	TN	Winter	0.96	13.52	Good	0.99	12.85	Good
PMKTF	DIN	Winter	0.58	14.32	Good	0.57	13.48	Good
PMKTF	STP	Winter	0.08	36.73	Good	0.07	26.14	Good
PMKTF	PO4F	Winter	0.01	28.32	Good	0.01	29.71	Good
PMKTF	CHLA	Winter	2.16	20.16	Good	-	-	-
PMKTF	TSS	Winter	21.00	60.24	Poor	24.50	42.94	Fair
PMKTF	SECCHI	Winter	0.45	37.41	Poor	-	-	-
PMKOH	TN	Winter	0.90	39.02	Good	1.15	37.51	Good
PMKOH	DIN	Winter	0.41	35.66	Good	0.40	43.81	Fair
PMKOH	STP	Winter	0.08	80.94	Poor	0.17	88.35	Poor
PMKOH	PO4F	Winter	0.02	95.21	Poor	0.02	96.70	Poor
PMKOH	CHLA	Winter	4.64	33.19	Good	-	-	-
PMKOH	TSS	Winter	35.00	92.78	Poor	90.00	94.50	Poor
PMKOH	SECCHI	Winter	0.43	7.03	Poor	-	-	-
MPNTF	TN	Winter	0.80	9.28	Good	0.88	9.95	Good
MPNTF	DIN	Winter	0.42	9.48	Good	0.42	8.95	Good
MPNTF	STP	Winter	0.06	24.66	Good	0.06	19.77	Good
MPNTF	PO4F	Winter	0.01	20.90	Good	0.01	21.99	Good
MPNTF	CHLA	Winter	1.28	12.64	Good	-	-	-
MPNTF	TSS	Winter	18.00	59.81	Poor	20.00	38.17	Good
MPNTF	SECCHI	Winter	0.50	45.35	Fair	-	-	-
MPNOH	TN	Winter	0.83	6.99	Good	0.91	12.85	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
MPNOH	DIN	Winter	0.34	10.20	Good	0.32	17.66	Good
MPNOH	STP	Winter	0.08	55.87	Fair	0.10	69.53	Poor
MPNOH	PO4F	Winter	0.01	36.76	Good	0.01	65.69	Poor
MPNOH	CHLA	Winter	2.24	13.12	Good	-	-	-
MPNOH	TSS	Winter	23.50	81.87	Poor	45.00	87.49	Poor
MPNOH	SECCHI	Winter	0.40	19.21	Poor	-	-	-
YRKMH	TN	Winter	0.74	30.41	Good	0.81	49.92	Fair
YRKMH	DIN	Winter	0.22	19.13	Good	0.18	36.84	Good
YRKMH	STP	Winter	0.06	80.55	Poor	0.09	84.68	Poor
YRKMH	PO4F	Winter	0.01	72.38	Poor	0.01	86.09	Poor
YRKMH	CHLA	Winter	10.74	60.29	Poor	-	-	-
YRKMH	TSS	Winter	16.50	72.45	Poor	64.25	94.01	Poor
YRKMH	SECCHI	Winter	0.73	9.75	Poor	-	-	-
YRKPH	TN	Winter	0.43	20.61	Good	0.51	56.02	Fair
YRKPH	DIN	Winter	0.08	19.55	Good	0.07	45.18	Fair
YRKPH	STP	Winter	0.04	58.01	Fair	0.06	87.87	Poor
YRKPH	PO4F	Winter	0.00	39.22	Good	0.01	47.28	Fair
YRKPH	CHLA	Winter	8.39	48.13	Fair	-	-	-
YRKPH	TSS	Winter	7.50	41.69	Good	23.50	62.32	Poor
YRKPH	SECCHI	Winter	1.48	48.69	Fair	-	-	-
MOBPH	TN	Winter	0.31	16.80	Good	0.35	21.90	Good
MOBPH	DIN	Winter	0.02	14.13	Good	0.02	22.13	Good
MOBPH	STP	Winter	0.02	22.64	Good	0.02	15.43	Good
MOBPH	PO4F	Winter	0.00	17.95	Good	0.00	14.60	Good
MOBPH	CHLA	Winter	4.49	12.34	Good	-	-	-
MOBPH	TSS	Winter	6.95	31.35	Good	7.80	13.95	Good
MOBPH	SECCHI	Winter	1.90	63.12	Good	-	-	-
RPPTF	TN	Winter	1.29	19.66	Good	1.37	18.88	Good
RPPTF	DIN	Winter	0.94	27.25	Good	0.93	26.90	Good
RPPTF	STP	Winter	0.10	25.61	Good	0.12	28.76	Good
RPPTF	PO4F	Winter	0.01	23.61	Good	0.01	24.70	Good
RPPTF	CHLA	Winter	3.04	52.81	Fair	-	-	-
RPPTF	TSS	Winter	40.50	81.33	Poor	73.00	77.71	Poor
RPPTF	SECCHI	Winter	0.25	13.82	Poor	-	-	-
RPPMH	TN	Winter	0.76	31.55	Good	0.73	35.84	Good
RPPMH	DIN	Winter	0.26	24.37	Good	0.18	30.41	Good
RPPMH	STP	Winter	0.03	36.84	Good	0.04	31.12	Good
RPPMH	PO4F	Winter	0.00	39.22	Good	0.00	41.87	Good
RPPMH	CHLA	Winter	7.04	42.82	Good	-	-	-
RPPMH	TSS	Winter	9.28	34.12	Good	11.10	32.99	Good
RPPMH	SECCHI	Winter	1.15	38.64	Poor	-	-	-
RPPOH	TN	Winter	1.56	40.37	Fair	1.62	37.93	Good
RPPOH	DIN	Winter	1.02	43.57	Fair	1.03	39.08	Good
RPPOH	STP	Winter	0.08	46.07	Fair	0.09	46.98	Fair
RPPOH	PO4F	Winter	0.01	31.30	Good	0.01	30.66	Good
RPPOH	CHLA	Winter	2.69	21.12	Good	-	-	-

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
RPOH	TSS	Winter	33.00	82.18	Poor	42.50	77.49	Poor
RPOH	SECCHI	Winter	0.20	8.27	Poor	-	-	-
CRRMH	TN	Winter	0.42	25.54	Good	0.43	32.79	Good
CRRMH	DIN	Winter	0.05	15.98	Good	0.05	22.86	Good
CRRMH	STP	Winter	0.02	32.35	Good	0.02	20.77	Good
CRRMH	PO4F	Winter	0.00	35.55	Good	0.00	33.94	Good
CRRMH	CHLA	Winter	3.67	12.16	Good	-	-	-
CRRMH	TSS	Winter	3.00	12.46	Good	4.50	6.05	Good
CRRMH	SECCHI	Winter	2.20	81.12	Good	-	-	-
PIAMH	TN	Winter	0.50	16.47	Good	0.57	22.51	Good
PIAMH	DIN	Winter	0.11	16.62	Good	0.10	21.23	Good
PIAMH	STP	Winter	0.01	16.15	Good	0.02	12.65	Good
PIAMH	PO4F	Winter	0.00	18.16	Good	0.00	17.09	Good
PIAMH	CHLA	Winter	3.31	8.86	Good	-	-	-
PIAMH	TSS	Winter	5.32	29.23	Good	7.40	11.82	Good
PIAMH	SECCHI	Winter	2.05	71.41	Good	-	-	-
POCMH	TN	Winter	0.45	33.29	Good	0.52	32.50	Good
POCMH	DIN	Winter	0.05	15.22	Good	0.04	18.52	Good
POCMH	STP	Winter	0.02	25.20	Good	0.02	16.51	Good
POCMH	PO4F	Winter	0.00	18.78	Good	0.00	16.94	Good
POCMH	CHLA	Winter	6.41	30.72	Good	-	-	-
POCMH	TSS	Winter	9.59	57.24	Fair	11.22	29.07	Good
POCMH	SECCHI	Winter	1.30	30.73	Poor	-	-	-
CB5MH	TN	Winter	0.78	45.39	Fair	0.59	57.17	Poor
CB5MH	DIN	Winter	0.37	42.73	Fair	0.06	46.86	Fair
CB5MH	STP	Winter	0.02	20.51	Good	0.03	23.12	Good
CB5MH	PO4F	Winter	0.00	20.11	Good	0.00	20.09	Good
CB5MH	CHLA	Winter	5.95	20.53	Good	-	-	-
CB5MH	TSS	Winter	4.60	20.61	Good	11.83	27.23	Good
CB5MH	SECCHI	Winter	2.08	74.33	Good	-	-	-
CB6PH	TN	Winter	0.47	18.82	Good	0.37	22.22	Good
CB6PH	DIN	Winter	0.11	22.59	Good	0.06	23.26	Good
CB6PH	STP	Winter	0.01	16.74	Good	0.02	16.15	Good
CB6PH	PO4F	Winter	0.00	18.16	Good	0.00	14.60	Good
CB6PH	CHLA	Winter	3.95	17.08	Good	-	-	-
CB6PH	TSS	Winter	5.68	25.73	Good	10.36	22.39	Good
CB6PH	SECCHI	Winter	2.15	82.78	Good	-	-	-
CB7PH	TN	Winter	0.40	16.11	Good	0.42	32.89	Good
CB7PH	DIN	Winter	0.06	18.26	Good	0.05	29.70	Good
CB7PH	STP	Winter	0.01	18.43	Good	0.02	20.92	Good
CB7PH	PO4F	Winter	0.00	18.16	Good	0.00	14.60	Good
CB7PH	CHLA	Winter	3.68	11.76	Good	-	-	-
CB7PH	TSS	Winter	5.76	25.85	Good	11.46	32.58	Good
CB7PH	SECCHI	Winter	2.30	84.41	Good	-	-	-
CB8PH	TN	Winter	0.31	16.04	Good	0.28	11.59	Good
CB8PH	DIN	Winter	0.04	20.27	Good	0.03	29.05	Good

Appendix A. Continued.

Segment	Parameter	Season	Surface Median	Surface Score	Surface Status	Bottom Median	Bottom Score	Bottom Status
CB8PH	STP	Winter	0.02	21.18	Good	0.02	20.96	Good
CB8PH	PO4F	Winter	0.00	18.16	Good	0.00	37.36	Good
CB8PH	CHLA	Winter	4.11	13.45	Good	-	-	-
CB8PH	TSS	Winter	6.82	29.32	Good	10.73	23.70	Good
CB8PH	SECCHI	Winter	2.00	69.38	Good	-	-	-



Appendix B - Section I. Blocked seasonal Kendall Long-term trends in water quality for the Virginia tributaries (1985-2004). Parameters are as follows: STN=Surface total nitrogen, BTN=Bottom total nitrogen, SDIN=Surface dissolved inorganic nitrogen, BDIN=Bottom dissolved inorganic nitrogen, STP=Surface total phosphorus, BTP=Bottom total phosphorus, SPO4F=Surface dissolved inorganic phosphorus, BPO4F=Bottom dissolved inorganic phosphorus.

Segment	Season	Parameter	'93		'93		'04		'04		Trend	Combined	Combined
			P value	'93 Slope	Trend	P value	'04 Slope	Trend	P value	Comparison	Trend	P value	Trend
APPTF	Annual	STN	0.0114	-0.0238	No Trend	0.5773	0.0050	No Trend	0.0315	Same	0.1823	No Trend	
APPTF	Annual	BTN	0.1008	-0.0175	No Trend	0.5984	-0.0034	No Trend	0.4617	Same	0.1297	No Trend	
APPTF	Annual	SDIN	0.2946	-0.0050	No Trend	0.1859	-0.0075	No Trend	0.7981	Same	0.0881	No Trend	
APPTF	Annual	BDIN	0.1003	-0.0067	No Trend	0.1144	-0.0080	No Trend	0.9487	Same	0.0218	No Trend	
APPTF	Annual	STP	0.7501	0.0000	No Trend	0.6931	-0.0002	No Trend	0.5977	Same	0.9495	No Trend	
APPTF	Annual	BTP	0.0346	0.0025	No Trend	0.4432	-0.0007	No Trend	0.0458	Same	0.3954	No Trend	
APPTF	Annual	SPO4F	0.0005	-0.0013	Improving	0.3213	-0.0003	No Trend	0.1473	Same	0.0029	Improving	
APPTF	Annual	BPO4F	0.0001	-0.0017	Improving	0.2517	-0.0002	No Trend	0.0990	Same	0.0007	Improving	
JMSTF1	Annual	STN	0.0808	-0.0225	No Trend	0.0539	-0.0125	No Trend	0.8029	Same	0.0088	Improving	
JMSTF1	Annual	BTN	0.1387	-0.0292	No Trend	0.0066	-0.0218	Improving	0.2977	Same	0.0024	Improving	
JMSTF1	Annual	SDIN	0.0022	-0.0258	Improving	0.8270	-0.0009	No Trend	0.0615	Same	0.0279	No Trend	
JMSTF1	Annual	BDIN	0.0003	-0.0283	Improving	0.5850	-0.0025	No Trend	0.0504	Same	0.0053	Improving	
JMSTF1	Annual	STP	0.1733	0.0013	No Trend	0.1309	-0.0013	No Trend	0.0400	Same	0.8195	No Trend	
JMSTF1	Annual	BTP	0.0008	0.0050	Degrading	0.0210	-0.0042	No Trend	0.0001	Different	0.6327	-	
JMSTF1	Annual	SPO4F	0.0000	-0.0025	Improving	0.3309	-0.0002	No Trend	0.0408	Same	0.0004	Improving	
JMSTF1	Annual	BPO4F	0.0000	-0.0017	Improving	0.0801	-0.0004	No Trend	0.1686	Same	0.0000	Improving	
JMSTF2	Annual	STN	0.0001	-0.0438	Improving	0.0200	0.0131	No Trend	0.0000	Different	0.3455	-	
JMSTF2	Annual	BTN	0.0000	-0.1100	Improving	0.0205	0.0161	No Trend	0.0000	Different	0.0060	-	
JMSTF2	Annual	SDIN	0.0003	-0.0200	Improving	0.2351	0.0046	No Trend	0.0010	Different	0.1395	-	
JMSTF2	Annual	BDIN	0.0000	-0.0550	Improving	0.1363	0.0080	No Trend	0.0000	Different	0.0109	-	
JMSTF2	Annual	STP	0.0000	-0.0125	Improving	0.8917	-0.0003	No Trend	0.0004	Different	0.0002	-	
JMSTF2	Annual	BTP	0.0000	-0.0188	Improving	0.8880	-0.0002	No Trend	0.0000	Different	0.0000	-	
JMSTF2	Annual	SPO4F	0.0000	-0.0110	Improving	0.1769	-0.0008	No Trend	0.0040	Different	0.0000	-	
JMSTF2	Annual	BPO4F	0.0000	-0.0150	Improving	0.0349	-0.0010	No Trend	0.0193	Same	0.0000	Improving	
CHKOH	Annual	STN	0.0290	-0.0367	No Trend	0.2633	-0.0059	No Trend	1.0000	Same	0.0453	No Trend	
CHKOH	Annual	BTN	0.2880	-0.0283	No Trend	0.0579	-0.0196	No Trend	0.2205	Same	0.0281	No Trend	
CHKOH	Annual	SDIN	0.0576	0.0000	No Trend	0.7782	0.0000	No Trend	0.2913	Same	0.5889	No Trend	
CHKOH	Annual	BDIN	0.0381	-0.0090	No Trend	0.4416	-0.0006	No Trend	0.8799	Same	0.1185	No Trend	
CHKOH	Annual	STP	0.0311	0.0025	No Trend	0.0857	-0.0014	No Trend	0.0125	Same	0.5406	No Trend	
CHKOH	Annual	BTP	0.0315	0.0050	No Trend	0.0281	-0.0031	No Trend	0.0033	Different	0.3038	-	
CHKOH	Annual	SPO4F	0.1546	0.0000	No Trend	0.8695	0.0000	No Trend	0.5474	Same	0.7735	No Trend	
CHKOH	Annual	BPO4F	0.0335	0.0000	No Trend	0.8290	0.0000	No Trend	0.6096	Same	0.3580	No Trend	
JMSOH	Annual	STN	0.0943	-0.0119	No Trend	0.6010	0.0030	No Trend	0.1300	Same	0.4678	No Trend	
JMSOH	Annual	BTN	0.1169	0.0195	No Trend	0.2769	-0.0092	No Trend	0.0614	Same	0.8171	No Trend	
JMSOH	Annual	SDIN	0.0001	-0.0200	Improving	0.1636	0.0049	No Trend	0.0003	Different	0.1270	-	
JMSOH	Annual	BDIN	0.0001	-0.0200	Improving	0.3969	0.0025	No Trend	0.0010	Different	0.0420	-	
JMSOH	Annual	STP	0.0000	0.0050	Degrading	0.4157	-0.0004	No Trend	0.0008	Different	0.0353	-	
JMSOH	Annual	BTP	0.0000	0.0117	Degrading	0.0012	-0.0064	Improving	0.0000	Different	0.2722	D85 - I95	
JMSOH	Annual	SPO4F	0.1452	0.0000	No Trend	0.3088	0.0003	No Trend	0.8841	Same	0.0839	No Trend	
JMSOH	Annual	BPO4F	0.4470	0.0000	No Trend	0.1511	0.0005	No Trend	0.5434	Same	0.1067	No Trend	
JMSMH	Annual	STN	0.0808	0.0125	No Trend	0.4248	0.0027	No Trend	0.6218	Same	0.0823	No Trend	
JMSMH	Annual	BTN	0.0033	0.0188	Degrading	0.2649	0.0063	No Trend	0.3443	Same	0.0068	Degrading	
JMSMH	Annual	SDIN	0.5830	-0.0017	No Trend	0.1760	0.0050	No Trend	0.1581	Same	0.5082	No Trend	
JMSMH	Annual	BDIN	0.6912	0.0000	No Trend	0.1949	0.0037	No Trend	0.1993	Same	0.4574	No Trend	
JMSMH	Annual	STP	0.0000	0.0036	Degrading	0.6642	-0.0002	No Trend	0.0007	Different	0.0068	-	
JMSMH	Annual	BTP	0.0000	0.0033	Degrading	0.8475	-0.0002	No Trend	0.0024	Different	0.0061	-	
JMSMH	Annual	SPO4F	0.0020	0.0013	Degrading	0.0876	0.0006	No Trend	0.5571	Same	0.0011	Degrading	
JMSMH	Annual	BPO4F	0.0009	0.0006	Degrading	0.0284	0.0005	No Trend	0.7479	Same	0.0001	Degrading	

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Trend	Combined Trend	Combined Trend
			Trend	P value	'93 Slope	Direction	P value	'04 Slope	Direction	P value				
JMSPH	Annual	STN	0.7406	0.0014	No Trend	0.5699	0.0018	No Trend	0.8446	Same	0.5051	No Trend		
JMSPH	Annual	BTN	0.2523	0.0070	No Trend	0.1298	0.0040	No Trend	0.7077	Same	0.0556	No Trend		
JMSPH	Annual	SDIN	0.5421	0.0000	No Trend	0.0560	0.0026	No Trend	0.0613	Same	0.2964	No Trend		
JMSPH	Annual	BDIN	0.6873	0.0000	No Trend	0.0231	0.0027	No Trend	0.1423	Same	0.0431	No Trend		
JMSPH	Annual	STP	0.5062	0.0002	No Trend	0.1037	-0.0005	No Trend	0.0913	Same	0.4322	No Trend		
JMSPH	Annual	BTP	0.4686	0.0005	No Trend	0.0012	-0.0010	Improving	0.0032	Different	0.0497	-		
JMSPH	Annual	SPO4F	0.2896	0.0000	No Trend	0.2541	-0.0002	No Trend	0.8577	Same	0.1155	No Trend		
JMSPH	Annual	BPO4F	0.6633	0.0000	No Trend	0.0296	-0.0004	No Trend	0.1696	Same	0.0488	No Trend		
ELIPH	Annual	STN	1.0000	0.0000	No Trend	0.1000	0.0065	No Trend	0.1761	Same	0.1900	No Trend		
ELIPH	Annual	BTN	1.0000	0.0000	No Trend	0.0201	0.0074	No Trend	0.0570	Same	0.0570	No Trend		
ELIPH	Annual	BDIN	0.9426	0.0002	No Trend	0.0072	0.0087	Degrading	0.0341	Same	0.0248	No Trend		
ELIPH	Annual	BDIN	0.8504	0.0000	No Trend	0.0389	0.0051	No Trend	0.1149	Same	0.0669	No Trend		
ELIPH	Annual	STP	0.8184	0.0000	No Trend	0.0663	-0.0006	No Trend	0.1087	Same	0.2008	No Trend		
ELIPH	Annual	BTP	0.1060	0.0013	No Trend	0.0707	-0.0008	No Trend	0.0146	Same	0.7015	No Trend		
ELIPH	Annual	SPO4F	0.7632	0.0000	No Trend	0.8765	0.0000	No Trend	0.7431	Same	0.9347	No Trend		
ELIPH	Annual	BPO4F	0.5036	0.0000	No Trend	0.7564	0.0001	No Trend	0.8540	Same	0.4998	No Trend		
PMKTF	Annual	STN	0.9500	0.0000	No Trend	0.0000	0.0331	Degrading	0.0000	Different	0.0000	-		
PMKTF	Annual	BTN	0.4911	-0.0050	No Trend	0.0000	0.0230	Degrading	0.0004	Different	0.0119	-		
PMKTF	Annual	SDIN	0.7301	-0.0032	No Trend	0.0000	0.0203	Degrading	0.0002	Different	0.0010	-		
PMKTF	Annual	BDIN	0.8440	-0.0020	No Trend	0.0039	0.0174	Degrading	0.0204	Same	0.0439	No Trend		
PMKTF	Annual	STP	0.0005	0.0025	Degrading	0.0015	0.0019	Degrading	0.9483	Same	0.0000	Degrading		
PMKTF	Annual	BTP	0.0000	0.0043	Degrading	0.0787	0.0017	No Trend	0.0691	Same	0.0000	Degrading		
PMKTF	Annual	SPO4F	0.0042	0.0000	High BDLS	0.0001	-0.0010	Improving	0.1570	Same	0.0000	Improving		
PMKTF	Annual	BPO4F	0.0041	0.0000	High BDLS	0.0000	-0.0010	Improving	0.1284	Same	0.0000	Improving		
PMKOH	Annual	STN	0.0012	0.0275	Degrading	0.2370	0.0059	No Trend	0.1575	Same	0.0018	Degrading		
PMKOH	Annual	BTN	0.0005	0.0500	Degrading	0.0774	0.0209	No Trend	0.2924	Same	0.0002	Degrading		
PMKOH	Annual	SDIN	0.5354	-0.0008	No Trend	0.0185	0.0093	No Trend	0.0310	Same	0.2082	No Trend		
PMKOH	Annual	BDIN	0.8888	0.0000	No Trend	0.0063	0.0098	Degrading	0.0500	Same	0.0287	No Trend		
PMKOH	Annual	STP	0.0005	0.0063	Degrading	0.2417	-0.0015	No Trend	0.0010	Different	0.1092	-		
PMKOH	Annual	BTP	0.0003	0.0175	Degrading	0.9264	0.0003	No Trend	0.0166	Same	0.0114	No Trend		
PMKOH	Annual	SPO4F	0.0116	0.0000	No Trend	0.5836	-0.0001	No Trend	0.0405	Same	0.2291	No Trend		
PMKOH	Annual	BPO4F	0.1884	0.0000	No Trend	0.7737	0.0000	No Trend	0.2936	Same	0.5527	No Trend		
MPNTF	Annual	STN	0.8507	0.0005	No Trend	0.0002	0.0203	Degrading	0.0099	Different	0.0040	-		
MPNTF	Annual	BTN	0.0156	-0.0130	No Trend	0.0002	0.0170	Degrading	0.0000	Different	0.2877	-		
MPNTF	Annual	SDIN	0.5936	0.0023	No Trend	0.0000	0.0146	Degrading	0.0007	Different	0.0000	-		
MPNTF	Annual	BDIN	0.7114	0.0008	No Trend	0.0000	0.0124	Degrading	0.0033	Different	0.0005	-		
MPNTF	Annual	STP	0.0002	0.0017	Degrading	0.4363	0.0006	No Trend	0.0556	Same	0.0021	Degrading		
MPNTF	Annual	BTP	0.0211	0.0013	No Trend	0.4057	0.0006	No Trend	0.3382	Same	0.0286	No Trend		
MPNTF	Annual	SPO4F	1.0000	0.0000	No Trend	0.0000	-0.0016	Improving	0.0000	Different	0.0000	-		
MPNTF	Annual	BPO4F	0.0287	0.0000	No Trend	0.0000	-0.0015	Improving	0.0076	Different	0.0000	-		
MPNOH	Annual	STN	0.0000	0.0246	Degrading	0.0110	0.0166	No Trend	0.2141	Same	0.0000	Degrading		
MPNOH	Annual	BTN	0.0211	0.0218	No Trend	0.7699	-0.0037	No Trend	0.0672	Same	0.1591	No Trend		
MPNOH	Annual	SDIN	0.3547	0.0015	No Trend	0.0006	0.0115	Degrading	0.0685	Same	0.0017	Degrading		
MPNOH	Annual	BDIN	0.3570	0.0025	No Trend	0.0021	0.0108	Degrading	0.0924	Same	0.0033	Degrading		
MPNOH	Annual	STP	0.0000	0.0058	Degrading	0.4482	0.0015	No Trend	0.0121	Same	0.0003	Degrading		
MPNOH	Annual	BTP	0.0012	0.0061	Degrading	0.4737	0.0013	No Trend	0.0968	Same	0.0065	Degrading		
MPNOH	Annual	SPO4F	0.0603	0.0000	No Trend	0.4378	-0.0003	No Trend	0.0706	Same	0.5467	No Trend		
MPNOH	Annual	BPO4F	0.0943	0.0000	No Trend	0.2364	-0.0004	No Trend	0.0458	Same	0.8723	No Trend		
YRKMH	Annual	STN	0.0122	0.0200	No Trend	0.0011	0.0125	Degrading	0.4659	Same	0.0000	Degrading		
YRKMH	Annual	BTN	0.0010	0.0270	Degrading	0.0345	0.0157	No Trend	0.6152	Same	0.0002	Degrading		
YRKMH	Annual	SDIN	0.3716	-0.0017	No Trend	0.0256	0.0093	No Trend	0.0233	Same	0.3122	No Trend		
YRKMH	Annual	BDIN	0.5417	-0.0006	No Trend	0.0160	0.0099	No Trend	0.0237	Same	0.1525	No Trend		
YRKMH	Annual	STP	0.0000	0.0050	Degrading	0.6867	-0.0004	No Trend	0.0000	Different	0.0002	-		
YRKMH	Annual	BTP	0.0000	0.0075	Degrading	0.1205	0.0028	No Trend	0.0531	Same	0.0000	Degrading		
YRKMH	Annual	SPO4F	0.0000	0.0008	Degrading	0.1339	0.0004	No Trend	0.1335	Same	0.0001	Degrading		
YRKMH	Annual	BPO4F	0.0000	0.0010	Degrading	0.0045	0.0005	Degrading	0.7390	Same	0.0000	Degrading		

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined	
			P value	'93 Slope	Trend	Direction	P value	'04 Slope	Trend	Direction		Trend	P value
YRKPH	Annual	STN	0.0035	0.0179	Degrading	0.0044	0.0077	Degrading	0.7670	Same	0.0000	Degrading	
YRKPH	Annual	BTN	0.0000	0.0333	Degrading	0.0916	0.0071	No Trend	0.1867	Same	0.0001	Degrading	
YRKPH	Annual	SDIN	0.1261	-0.0013	No Trend	0.1365	0.0017	No Trend	0.0316	Same	0.9060	No Trend	
YRKPH	Annual	BDIN	0.5912	0.0000	No Trend	0.2949	0.0009	No Trend	0.6163	Same	0.2362	No Trend	
YRKPH	Annual	STP	0.0000	0.0029	Degrading	0.4056	0.0004	No Trend	0.0023	Different	0.0000	-	
YRKPH	Annual	BTP	0.0000	0.0036	Degrading	0.7342	0.0002	No Trend	0.0003	Different	0.0000	-	
YRKPH	Annual	SPO4F	0.0037	0.0000	High BDIs	0.3733	0.0001	No Trend	0.3115	Same	0.0142	No Trend	
YRKPH	Annual	BPO4F	0.0104	0.0000	No Trend	0.4538	0.0001	No Trend	0.3763	Same	0.0349	No Trend	
RPPTF	Annual	STN	0.3813	-0.0089	No Trend	0.0076	0.0108	Degrading	0.0089	Different	0.1528	-	
RPPTF	Annual	BTN	0.0187	-0.0215	No Trend	0.0458	0.0100	No Trend	0.0022	Different	1.0000	-	
RPPTF	Annual	SDIN	0.1096	0.0113	No Trend	0.0448	0.0113	No Trend	0.6278	Same	0.0097	Degrading	
RPPTF	Annual	BDIN	0.0489	0.0100	No Trend	0.0958	0.0091	No Trend	0.9837	Same	0.0106	No Trend	
RPPTF	Annual	STP	0.0808	0.0007	No Trend	0.2686	-0.0007	No Trend	0.0459	Same	0.7526	No Trend	
RPPTF	Annual	BTP	0.3526	0.0007	No Trend	0.9559	0.0000	No Trend	0.5575	Same	0.5026	No Trend	
RPPTF	Annual	SPO4F	0.6364	0.0000	No Trend	0.0008	-0.0005	Improving	0.0018	Different	0.0100	-	
RPPTF	Annual	BPO4F	0.7403	0.0000	No Trend	0.0038	-0.0005	Improving	0.0253	Same	0.0083	Improving	
RPPMH	Annual	STN	0.0235	0.0100	No Trend	0.9588	-0.0002	No Trend	0.1286	Same	0.1496	No Trend	
RPPMH	Annual	BTN	0.0009	0.0149	Degrading	0.6606	-0.0017	No Trend	0.0120	Same	0.0651	No Trend	
RPPMH	Annual	SDIN	0.0037	-0.0050	Improving	0.4376	0.0004	No Trend	0.0138	Same	0.2073	No Trend	
RPPMH	Annual	BDIN	0.2307	-0.0008	No Trend	1.0000	0.0000	No Trend	0.4291	Same	0.4291	No Trend	
RPPMH	Annual	STP	0.0000	0.0020	Degrading	0.3658	-0.0004	No Trend	0.0001	Different	0.0152	-	
RPPMH	Annual	BTP	0.0045	0.0015	Degrading	0.2349	-0.0006	No Trend	0.0059	Different	0.3519	-	
RPPMH	Annual	SPO4F	0.8505	0.0000	No Trend	0.7725	0.0000	No Trend	0.7161	Same	0.8652	No Trend	
RPPMH	Annual	BPO4F	0.1538	0.0000	No Trend	0.8959	0.0000	No Trend	0.4499	Same	0.6034	No Trend	
RPOOH	Annual	STN	0.2225	0.0133	No Trend	0.0737	0.0156	No Trend	0.6055	Same	0.0301	No Trend	
RPOOH	Annual	BTN	0.0064	0.0275	Degrading	0.0745	0.0157	No Trend	0.6570	Same	0.0016	Degrading	
RPOOH	Annual	SDIN	0.0211	-0.0086	No Trend	0.4820	0.0001	No Trend	0.0400	Same	0.3241	No Trend	
RPOOH	Annual	BDIN	0.0046	-0.0100	Improving	0.8908	0.0000	No Trend	0.0523	Same	0.0837	No Trend	
RPOOH	Annual	STP	0.0001	0.0050	Degrading	0.7189	-0.0004	No Trend	0.0036	Different	0.0179	-	
RPOOH	Annual	BTP	0.0000	0.0070	Degrading	0.9079	-0.0002	No Trend	0.0014	Different	0.0025	-	
RPOOH	Annual	SPO4F	0.4892	0.0000	No Trend	0.1440	-0.0002	No Trend	0.3347	Same	0.1010	No Trend	
RPOOH	Annual	BPO4F	0.1177	0.0000	No Trend	0.0897	-0.0003	No Trend	0.4704	Same	0.0237	No Trend	
CRRMH	Annual	STN	0.0776	0.0121	No Trend	0.3294	0.0033	No Trend	0.7276	Same	0.0600	No Trend	
CRRMH	Annual	BTN	0.0109	0.0200	No Trend	0.5445	-0.0028	No Trend	0.0445	Same	0.3040	No Trend	
CRRMH	Annual	SDIN	0.0007	-0.0050	Improving	1.0000	0.0000	No Trend	0.0154	Same	0.0154	No Trend	
CRRMH	Annual	BDIN	0.0496	-0.0017	No Trend	0.8705	0.0000	No Trend	0.2619	Same	0.1685	No Trend	
CRRMH	Annual	STP	0.0000	0.0013	Degrading	0.5641	-0.0002	No Trend	0.0004	Different	0.0074	-	
CRRMH	Annual	BTP	0.0000	0.0017	Degrading	0.0506	-0.0009	No Trend	0.0000	Different	0.1771	-	
CRRMH	Annual	SPO4F	0.6865	0.0000	No Trend	0.4313	0.0000	No Trend	0.3623	Same	0.5999	No Trend	
CRRMH	Annual	BPO4F	0.2846	0.0000	No Trend	0.8610	0.0000	No Trend	0.7167	Same	0.5004	No Trend	
APPTF	Fall	STN	0.3346	-0.0175	No Trend	0.6124	-0.0088	No Trend	0.6943	Same	0.2749	No Trend	
APPTF	Fall	BTN	0.8567	-0.0044	No Trend	0.6124	-0.0121	No Trend	0.8615	Same	0.6006	No Trend	
APPTF	Fall	SDIN	0.7157	-0.0050	No Trend	0.6905	-0.0074	No Trend	1.0000	Same	0.5611	No Trend	
APPTF	Fall	BDIN	0.7175	-0.0029	No Trend	0.4596	-0.0081	No Trend	0.8039	Same	0.4079	No Trend	
APPTF	Fall	STP	0.6295	0.0019	No Trend	1.0000	0.0001	No Trend	0.6973	Same	0.6973	No Trend	
APPTF	Fall	BTP	0.2270	0.0053	No Trend	0.6207	-0.0008	No Trend	0.2101	Same	0.5742	No Trend	
APPTF	Fall	SPO4F	0.0795	-0.0017	No Trend	0.1893	-0.0008	No Trend	0.8002	Same	0.0283	No Trend	
APPTF	Fall	BPO4F	0.1308	-0.0009	No Trend	0.0968	-0.0013	No Trend	0.8655	Same	0.0222	No Trend	
JMSTF1	Fall	STN	0.7634	-0.0215	No Trend	0.0762	-0.0234	No Trend	0.3371	Same	0.1380	No Trend	
JMSTF1	Fall	BTN	0.9040	0.0169	No Trend	0.0313	-0.0288	No Trend	0.1061	Same	0.1758	No Trend	
JMSTF1	Fall	SDIN	0.3666	-0.0266	No Trend	0.2798	-0.0135	No Trend	0.9013	Same	0.1479	No Trend	
JMSTF1	Fall	BDIN	0.2062	-0.0324	No Trend	0.3335	-0.0093	No Trend	0.8362	Same	0.1069	No Trend	
JMSTF1	Fall	STP	0.7155	0.0008	No Trend	0.7105	-0.0009	No Trend	0.5731	Same	0.9654	No Trend	
JMSTF1	Fall	BTP	0.0454	0.0054	No Trend	0.6207	0.0007	No Trend	0.2602	Same	0.0690	No Trend	
JMSTF1	Fall	SPO4F	0.0084	-0.0023	Improving	0.2085	-0.0009	No Trend	0.3750	Same	0.0060	Improving	
JMSTF1	Fall	BPO4F	0.0039	-0.0017	Improving	0.1233	-0.0010	No Trend	0.3986	Same	0.0018	Improving	

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined	
			Trend	P value	'93 Slope	Direction	Trend	P value	'04 Slope	Direction		Trend	P value
JMSTF2	Fall	STN	0.2062	-0.0290	No Trend	0.1176	0.0132	No Trend	0.0411	Same	0.8648	No Trend	
JMSTF2	Fall	BTN	0.0055	-0.1032	Improving	0.0919	0.0178	No Trend	0.0014	Different	0.4183	-	
JMSTF2	Fall	SDIN	0.1655	-0.0116	No Trend	0.5887	0.0032	No Trend	0.1711	Same	0.5730	No Trend	
JMSTF2	Fall	BDIN	0.0032	-0.0560	Improving	0.5164	0.0079	No Trend	0.0126	Same	0.1264	No Trend	
JMSTF2	Fall	STP	0.0606	-0.0127	No Trend	0.5922	-0.0006	No Trend	0.3291	Same	0.0819	No Trend	
JMSTF2	Fall	BTP	0.0159	-0.0200	No Trend	0.7660	0.0003	No Trend	0.0514	Same	0.1273	No Trend	
JMSTF2	Fall	SPO4F	0.0772	-0.0117	No Trend	0.2762	-0.0011	No Trend	0.6847	Same	0.0424	No Trend	
JMSTF2	Fall	BPO4F	0.0694	-0.0150	No Trend	0.0836	-0.0017	No Trend	0.9678	Same	0.0111	No Trend	
CHKOH	Fall	STN	0.9131	0.0100	No Trend	0.0226	-0.0246	No Trend	0.0374	Same	0.0626	No Trend	
CHKOH	Fall	BTN	0.8283	0.0063	No Trend	0.0492	-0.0309	No Trend	0.0626	Same	0.1251	No Trend	
CHKOH	Fall	SDIN	0.1969	-0.0125	No Trend	0.3335	-0.0142	No Trend	0.7980	Same	0.1377	No Trend	
CHKOH	Fall	BDIN	0.0594	-0.0200	No Trend	0.2315	-0.0164	No Trend	0.8792	Same	0.0481	No Trend	
CHKOH	Fall	STP	0.2665	0.0025	No Trend	0.3223	-0.0016	No Trend	0.1445	Same	0.7870	No Trend	
CHKOH	Fall	BTP	0.2245	0.0040	No Trend	0.9015	-0.0004	No Trend	0.4499	Same	0.5894	No Trend	
CHKOH	Fall	SPO4F	0.4990	0.0000	No Trend	0.9543	0.0000	No Trend	0.7449	Same	0.8283	No Trend	
CHKOH	Fall	BPO4F	0.2801	0.0000	No Trend	0.8191	0.0002	No Trend	0.5201	Same	0.8302	No Trend	
JMSOH	Fall	STN	0.1041	-0.0208	No Trend	0.0990	0.0082	No Trend	0.0184	Same	0.9670	No Trend	
JMSOH	Fall	BTN	0.9520	-0.0010	No Trend	0.3994	0.0120	No Trend	0.4959	Same	0.6095	No Trend	
JMSOH	Fall	SDIN	0.0620	-0.0359	No Trend	0.1967	0.0102	No Trend	0.0255	Same	0.7838	No Trend	
JMSOH	Fall	BDIN	0.0159	-0.0302	No Trend	0.3304	0.0097	No Trend	0.0175	Same	0.3545	No Trend	
JMSOH	Fall	STP	0.3607	0.0025	No Trend	0.4992	0.0012	No Trend	0.8686	Same	0.2469	No Trend	
JMSOH	Fall	BTP	0.0620	0.0088	No Trend	0.6770	-0.0005	No Trend	0.0988	Same	0.2900	No Trend	
JMSOH	Fall	SPO4F	0.5997	0.0000	No Trend	0.0968	0.0009	No Trend	0.3492	Same	0.0952	No Trend	
JMSOH	Fall	BPO4F	0.4414	0.0000	No Trend	0.0144	0.0013	No Trend	0.1844	Same	0.0161	No Trend	
JMSMH	Fall	STN	0.9431	0.0047	No Trend	0.1245	0.0159	No Trend	0.2659	Same	0.1969	No Trend	
JMSMH	Fall	BTN	0.5727	-0.0073	No Trend	0.1486	0.0180	No Trend	0.1228	Same	0.4404	No Trend	
JMSMH	Fall	SDIN	0.1521	-0.0277	No Trend	0.1342	0.0107	No Trend	0.0362	Same	0.7376	No Trend	
JMSMH	Fall	BDIN	0.1958	-0.0243	No Trend	0.4305	0.0089	No Trend	0.1520	Same	0.8897	No Trend	
JMSMH	Fall	STP	0.6041	0.0000	No Trend	0.8218	0.0002	No Trend	0.8317	Same	0.5805	No Trend	
JMSMH	Fall	BTP	0.6500	0.0000	No Trend	0.5916	0.0005	No Trend	0.9650	Same	0.4557	No Trend	
JMSMH	Fall	SPO4F	0.0757	0.0018	No Trend	0.0627	0.0013	No Trend	0.7450	Same	0.0093	Degrading	
JMSMH	Fall	BPO4F	0.0383	0.0017	No Trend	0.1585	0.0015	No Trend	0.8311	Same	0.0150	No Trend	
JMSPH	Fall	STN	0.5880	-0.0041	No Trend	0.5020	0.0029	No Trend	0.3674	Same	0.9064	No Trend	
JMSPH	Fall	BTN	0.5873	0.0052	No Trend	0.6421	0.0012	No Trend	0.9687	Same	0.4561	No Trend	
JMSPH	Fall	SDIN	0.4693	-0.0069	No Trend	0.4386	0.0043	No Trend	0.2721	Same	0.9375	No Trend	
JMSPH	Fall	BDIN	0.5465	-0.0035	No Trend	0.0707	0.0049	No Trend	0.0712	Same	0.3465	No Trend	
JMSPH	Fall	STP	0.5063	0.0006	No Trend	0.0627	-0.0008	No Trend	0.0593	Same	0.3458	No Trend	
JMSPH	Fall	BTP	0.8562	0.0004	No Trend	0.0264	-0.0010	No Trend	0.0651	Same	0.1258	No Trend	
JMSPH	Fall	SPO4F	0.4677	-0.0006	No Trend	0.7963	0.0002	No Trend	0.4795	Same	0.7533	No Trend	
JMSPH	Fall	BPO4F	0.8084	-0.0001	No Trend	0.3011	0.0002	No Trend	0.3253	Same	0.5551	No Trend	
ELIPH	Fall	STN	0.3244	-0.0255	No Trend	0.5164	0.0042	No Trend	0.2524	Same	0.9298	No Trend	
ELIPH	Fall	BTN	0.5956	0.0150	No Trend	0.6653	0.0047	No Trend	1.0000	Same	0.4812	No Trend	
ELIPH	Fall	SDIN	0.6501	-0.0058	No Trend	0.5700	0.0065	No Trend	0.4428	Same	0.8646	No Trend	
ELIPH	Fall	BDIN	0.8798	-0.0025	No Trend	0.0707	0.0062	No Trend	0.1052	Same	0.1724	No Trend	
ELIPH	Fall	STP	0.8481	0.0003	No Trend	0.1627	-0.0009	No Trend	0.2129	Same	0.3554	No Trend	
ELIPH	Fall	BTP	0.2751	0.0012	No Trend	0.3265	-0.0007	No Trend	0.1366	Same	0.9679	No Trend	
ELIPH	Fall	SPO4F	0.0600	0.0016	No Trend	0.7960	-0.0002	No Trend	0.1636	Same	0.3254	No Trend	
ELIPH	Fall	BPO4F	0.0245	0.0010	No Trend	0.5020	0.0003	No Trend	0.3874	Same	0.0531	No Trend	
PMKTF	Fall	STN	0.7515	-0.0051	No Trend	0.0844	0.0259	No Trend	0.1290	Same	0.3185	No Trend	
PMKTF	Fall	BTN	0.2884	-0.0100	No Trend	0.0324	0.0231	No Trend	0.0173	Same	0.3323	No Trend	
PMKTF	Fall	SDIN	0.1436	-0.0100	No Trend	0.1944	0.0136	No Trend	0.0480	Same	1.0000	No Trend	
PMKTF	Fall	BDIN	0.3981	-0.0083	No Trend	0.4159	0.0123	No Trend	0.2289	Same	0.9315	No Trend	
PMKTF	Fall	STP	0.0179	0.0037	No Trend	0.4383	0.0010	No Trend	0.2890	Same	0.0272	No Trend	
PMKTF	Fall	BTP	0.0156	0.0033	No Trend	0.5510	0.0011	No Trend	0.2671	Same	0.0419	No Trend	
PMKTF	Fall	SPO4F	0.3651	0.0000	No Trend	0.0009	-0.0017	Improving	0.0441	Same	0.0013	Improving	
PMKTF	Fall	BPO4F	0.0299	-0.0007	No Trend	0.0028	-0.0014	Improving	0.2474	Same	0.0002	Improving	

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined	
			Trend	P value	'93 Slope	Direction	Trend	P value	'04 Slope	Direction		Trend	P value
PMKOH	Fall	STN	0.0973	0.0350	No Trend	0.3117	0.0120	No Trend	0.6901	Same	0.0568	No Trend	
PMKOH	Fall	BTN	0.0112	0.0520	No Trend	0.0650	0.0432	No Trend	0.7851	Same	0.0020	Degrading	
PMKOH	Fall	SDIN	0.0833	-0.0070	No Trend	0.2278	0.0090	No Trend	0.0356	Same	0.7543	No Trend	
PMKOH	Fall	BDIN	0.3957	-0.0057	No Trend	0.0990	0.0100	No Trend	0.0626	Same	0.4781	No Trend	
PMKOH	Fall	STP	0.0137	0.0100	No Trend	0.0574	-0.0037	No Trend	0.0018	Different	0.7135	-	
PMKOH	Fall	BTP	0.0192	0.0200	No Trend	0.2786	0.0039	No Trend	0.4627	Same	0.0170	No Trend	
PMKOH	Fall	SPO4F	0.8326	0.0000	No Trend	0.6047	-0.0003	No Trend	0.5624	Same	0.8237	No Trend	
PMKOH	Fall	BPO4F	0.8137	0.0000	No Trend	0.8191	0.0001	No Trend	1.0000	Same	0.7115	No Trend	
MPNTF	Fall	STN	1.0000	-0.0004	No Trend	0.1597	0.0131	No Trend	0.2665	Same	0.3035	No Trend	
MPNTF	Fall	BTN	0.0396	-0.0214	No Trend	0.0096	0.0179	Degrading	0.0008	Different	0.4804	-	
MPNTF	Fall	SDIN	1.0000	0.0000	No Trend	0.0231	0.0136	No Trend	0.0834	Same	0.0834	No Trend	
MPNTF	Fall	BDIN	0.8314	-0.0010	No Trend	0.0516	0.0133	No Trend	0.0854	Same	0.1688	No Trend	
MPNTF	Fall	STP	0.1148	0.0023	No Trend	0.8645	0.0001	No Trend	0.3441	Same	0.2285	No Trend	
MPNTF	Fall	BTP	0.3970	0.0000	No Trend	0.3223	0.0011	No Trend	0.8470	Same	0.1769	No Trend	
MPNTF	Fall	SPO4F	0.5571	0.0000	No Trend	0.0033	-0.0018	Improving	0.0492	Same	0.0059	Improving	
MPNTF	Fall	BPO4F	0.1474	0.0000	No Trend	0.0011	-0.0018	Improving	0.0646	Same	0.0004	Improving	
MPNOH	Fall	STN	0.0131	0.0292	No Trend	0.7355	0.0030	No Trend	0.1518	Same	0.0525	No Trend	
MPNOH	Fall	BTN	0.0060	0.0345	Degrading	0.5214	-0.0144	No Trend	0.0198	Same	0.1728	No Trend	
MPNOH	Fall	SDIN	0.4411	-0.0042	No Trend	0.1486	0.0085	No Trend	0.1042	Same	0.6291	No Trend	
MPNOH	Fall	BDIN	0.7364	-0.0050	No Trend	0.1591	0.0094	No Trend	0.1769	Same	0.3987	No Trend	
MPNOH	Fall	STP	0.0272	0.0065	No Trend	0.6087	0.0016	No Trend	0.2658	Same	0.0597	No Trend	
MPNOH	Fall	BTP	0.0909	0.0050	No Trend	0.6087	0.0015	No Trend	0.4593	Same	0.1276	No Trend	
MPNOH	Fall	SPO4F	1.0000	0.0000	No Trend	0.8706	-0.0002	No Trend	0.9317	Same	0.8639	No Trend	
MPNOH	Fall	BPO4F	0.6501	0.0000	No Trend	0.6250	-0.0003	No Trend	0.4804	Same	0.9297	No Trend	
YRKMH	Fall	STN	0.2265	0.0217	No Trend	0.3117	0.0084	No Trend	1.0000	Same	0.1119	No Trend	
YRKMH	Fall	BTN	0.0753	0.0257	No Trend	0.2114	0.0165	No Trend	0.9236	Same	0.0350	No Trend	
YRKMH	Fall	SDIN	0.4043	-0.0075	No Trend	0.0778	0.0103	No Trend	0.0504	Same	0.3873	No Trend	
YRKMH	Fall	BDIN	0.5178	-0.0050	No Trend	0.0465	0.0124	No Trend	0.0407	Same	0.2264	No Trend	
YRKMH	Fall	STP	0.0000	0.0063	Degrading	0.9517	0.0000	No Trend	0.0017	Different	0.0013	-	
YRKMH	Fall	BTP	0.0000	0.0087	Degrading	0.1854	0.0047	No Trend	0.0653	Same	0.0001	Degrading	
YRKMH	Fall	SPO4F	0.0227	0.0017	No Trend	0.1550	0.0009	No Trend	0.6375	Same	0.0090	Degrading	
YRKMH	Fall	BPO4F	0.0070	0.0025	Degrading	0.2307	0.0008	No Trend	0.4031	Same	0.0073	Degrading	
YRKPH	Fall	STN	0.0187	0.0221	No Trend	0.0324	0.0082	No Trend	0.7113	Same	0.0017	Degrading	
YRKPH	Fall	BTN	0.0125	0.0200	No Trend	0.1368	0.0040	No Trend	0.7375	Same	0.0064	Degrading	
YRKPH	Fall	SDIN	0.0744	-0.0107	No Trend	0.2342	0.0051	No Trend	0.0429	Same	0.9641	No Trend	
YRKPH	Fall	BDIN	0.5727	-0.0050	No Trend	0.5508	0.0012	No Trend	0.3926	Same	0.8926	No Trend	
YRKPH	Fall	STP	0.0023	0.0050	Degrading	0.2798	0.0011	No Trend	0.2038	Same	0.0040	Degrading	
YRKPH	Fall	BTP	0.0023	0.0040	Degrading	0.5887	0.0017	No Trend	0.1284	Same	0.0180	No Trend	
YRKPH	Fall	SPO4F	0.3764	0.0013	No Trend	0.4166	0.0006	No Trend	0.9662	Same	0.2192	No Trend	
YRKPH	Fall	BPO4F	0.1051	0.0013	No Trend	0.2548	0.0005	No Trend	0.9304	Same	0.0547	No Trend	
RPPTF	Fall	STN	0.0913	-0.0302	No Trend	0.1148	0.0286	No Trend	0.0190	Same	0.9672	No Trend	
RPPTF	Fall	BTN	0.0536	-0.0336	No Trend	0.0180	0.0245	No Trend	0.0020	Different	0.7111	-	
RPPTF	Fall	SDIN	0.6718	-0.0055	No Trend	0.2795	0.0156	No Trend	0.2589	Same	0.6285	No Trend	
RPPTF	Fall	BDIN	0.6289	-0.0100	No Trend	0.2795	0.0143	No Trend	0.2426	Same	0.6576	No Trend	
RPPTF	Fall	STP	0.0813	0.0027	No Trend	0.8645	0.0008	No Trend	0.2749	Same	0.1790	No Trend	
RPPTF	Fall	BTP	1.0000	0.0000	No Trend	0.2545	0.0026	No Trend	0.4287	Same	0.3817	No Trend	
RPPTF	Fall	SPO4F	0.7362	0.0000	No Trend	0.8278	0.0000	No Trend	0.6809	Same	0.9636	No Trend	
RPPTF	Fall	BPO4F	0.7362	0.0000	No Trend	0.9566	0.0000	No Trend	0.8550	Same	0.7840	No Trend	
RPPMH	Fall	STN	0.4671	-0.0045	No Trend	0.2349	0.0065	No Trend	0.1571	Same	0.6943	No Trend	
RPPMH	Fall	BTN	0.9516	0.0000	No Trend	0.3265	0.0050	No Trend	0.5037	Same	0.4088	No Trend	
RPPMH	Fall	SDIN	0.0169	-0.0115	No Trend	0.1632	0.0026	No Trend	0.0082	Different	0.6078	-	
RPPMH	Fall	BDIN	0.1379	-0.0080	No Trend	0.1342	0.0033	No Trend	0.0323	Same	0.8740	No Trend	
RPPMH	Fall	STP	0.0074	0.0019	Degrading	0.7564	0.0003	No Trend	0.1306	Same	0.0467	No Trend	
RPPMH	Fall	BTP	0.1379	0.0013	No Trend	0.4386	0.0010	No Trend	0.6919	Same	0.1129	No Trend	
RPPMH	Fall	SPO4F	0.7642	0.0000	No Trend	0.6737	0.0000	No Trend	0.5762	Same	0.8522	No Trend	
RPPMH	Fall	BPO4F	0.2016	0.0000	No Trend	0.7156	0.0000	No Trend	0.2954	Same	0.6628	No Trend	

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93 Trend		'93 Trend		'04 Trend		'04 Trend		Trend Comparison	Combined Trend		Combined Trend	
			P value	'93 Slope	Direction	P value	'04 Slope	Direction	P value	Comparison		P value	Direction	P value	Direction
RPOH	Fall	STN	0.9040	0.0055	No Trend	0.3108	0.0227	No Trend	0.5370	Same	0.3874	No Trend			
RPOH	Fall	BTN	0.1324	0.0243	No Trend	0.1368	0.0257	No Trend	0.9662	Same	0.0309	No Trend			
RPOH	Fall	SDIN	0.3346	-0.0154	No Trend	0.9136	-0.0002	No Trend	0.5453	Same	0.4436	No Trend			
RPOH	Fall	BDIN	0.3062	-0.0150	No Trend	0.9546	-0.0020	No Trend	0.4821	Same	0.4321	No Trend			
RPOH	Fall	STP	0.0212	0.0059	No Trend	0.6895	0.0015	No Trend	0.1836	Same	0.0559	No Trend			
RPOH	Fall	BTP	0.0338	0.0067	No Trend	0.3482	0.0029	No Trend	0.3606	Same	0.0264	No Trend			
RPOH	Fall	SPO4F	0.5367	0.0000	No Trend	0.8273	0.0000	No Trend	0.8850	Same	0.5959	No Trend			
RPOH	Fall	BPO4F	0.2874	0.0000	No Trend	0.8630	0.0000	No Trend	0.6047	Same	0.4238	No Trend			
CRRMH	Fall	STN	0.8666	0.0000	No Trend	0.9472	-0.0005	No Trend	0.8353	Same	0.9172	No Trend			
CRRMH	Fall	BTN	0.6552	0.0143	No Trend	0.3753	0.0035	No Trend	0.6794	Same	0.3015	No Trend			
CRRMH	Fall	SDIN	0.1962	-0.0050	No Trend	0.1395	-0.0005	No Trend	0.9512	Same	0.0434	No Trend			
CRRMH	Fall	BDIN	0.1703	-0.0050	No Trend	0.7358	-0.0003	No Trend	0.5504	Same	0.2543	No Trend			
CRRMH	Fall	STP	0.0042	0.0013	Degrading	0.7248	-0.0004	No Trend	0.0178	Same	0.0593	No Trend			
CRRMH	Fall	BTP	0.0075	0.0017	Degrading	1.0000	0.0000	No Trend	0.0652	Same	0.0652	No Trend			
CRRMH	Fall	SPO4F	0.7473	0.0000	No Trend	0.3594	-0.0001	No Trend	0.5762	Same	0.3143	No Trend			
CRRMH	Fall	BPO4F	1.0000	0.0000	No Trend	0.7032	0.0000	No Trend	0.7770	Same	0.6917	No Trend			
APPTF	SAV1	STN	0.0098	-0.0340	Improving	0.7898	-0.0065	No Trend	0.1082	Same	0.0462	No Trend			
APPTF	SAV1	BTN	0.0401	-0.0242	No Trend	0.2176	-0.0103	No Trend	0.6029	Same	0.0199	No Trend			
APPTF	SAV1	SDIN	0.6861	-0.0024	No Trend	0.0785	-0.0103	No Trend	0.3309	Same	0.1133	No Trend			
APPTF	SAV1	BDIN	0.4441	-0.0046	No Trend	0.0668	-0.0124	No Trend	0.4266	Same	0.0586	No Trend			
APPTF	SAV1	STP	0.1941	-0.0020	No Trend	0.2755	-0.0013	No Trend	0.9576	Same	0.0889	No Trend			
APPTF	SAV1	BTP	0.4609	0.0009	No Trend	0.2758	-0.0021	No Trend	0.1822	Same	0.7489	No Trend			
APPTF	SAV1	SPO4F	0.0413	-0.0007	No Trend	0.7233	0.0000	No Trend	0.2972	Same	0.1116	No Trend			
APPTF	SAV1	BPO4F	0.0053	-0.0013	Improving	0.9433	0.0000	No Trend	0.0797	Same	0.0626	No Trend			
JMSTF1	SAV1	STN	0.1240	-0.0166	No Trend	0.0185	-0.0148	No Trend	0.4786	Same	0.0050	Improving			
JMSTF1	SAV1	BTN	0.1259	-0.0271	No Trend	0.0020	-0.0276	Improving	0.2078	Same	0.0008	Improving			
JMSTF1	SAV1	SDIN	0.0018	-0.0273	Improving	0.7793	0.0022	No Trend	0.0212	Same	0.0593	No Trend			
JMSTF1	SAV1	BDIN	0.0006	-0.0300	Improving	0.6743	-0.0025	No Trend	0.0506	Same	0.0096	Improving			
JMSTF1	SAV1	STP	0.0773	0.0025	No Trend	0.1760	-0.0013	No Trend	0.0279	Same	0.8971	No Trend			
JMSTF1	SAV1	BTP	0.0002	0.0050	Degrading	0.0045	-0.0059	Improving	0.0000	Different	0.7952	D85 - I95			
JMSTF1	SAV1	SPO4F	0.0276	-0.0011	No Trend	0.3549	0.0002	No Trend	0.0314	Same	0.4626	No Trend			
JMSTF1	SAV1	BPO4F	0.0456	-0.0003	No Trend	0.6575	0.0000	No Trend	0.1046	Same	0.3517	No Trend			
JMSTF2	SAV1	STN	0.0000	-0.0567	Improving	0.0480	0.0145	No Trend	0.0000	Different	0.1137	-			
JMSTF2	SAV1	BTN	0.0000	-0.1255	Improving	0.1081	0.0158	No Trend	0.0000	Different	0.0017	-			
JMSTF2	SAV1	SDIN	0.0002	-0.0278	Improving	0.0928	0.0066	No Trend	0.0002	Different	0.2242	-			
JMSTF2	SAV1	BDIN	0.0000	-0.0667	Improving	0.1424	0.0092	No Trend	0.0000	Different	0.0141	-			
JMSTF2	SAV1	STP	0.0000	-0.0150	Improving	0.9730	0.0002	No Trend	0.0004	Different	0.0005	-			
JMSTF2	SAV1	BTP	0.0000	-0.0225	Improving	1.0000	0.0000	No Trend	0.0000	Different	0.0000	-			
JMSTF2	SAV1	SPO4F	0.0000	-0.0125	Improving	0.6599	-0.0003	No Trend	0.0024	Different	0.0002	-			
JMSTF2	SAV1	BPO4F	0.0000	-0.0180	Improving	0.1775	-0.0008	No Trend	0.0081	Different	0.0000	-			
CHKOH	SAV1	STN	0.0546	-0.0375	No Trend	0.7413	-0.0027	No Trend	0.5355	Same	0.2276	No Trend			
CHKOH	SAV1	BTN	0.7753	-0.0150	No Trend	0.3692	-0.0091	No Trend	0.5211	Same	0.3358	No Trend			
CHKOH	SAV1	SDIN	0.4664	0.0000	No Trend	0.0650	0.0014	No Trend	0.0439	Same	0.1792	No Trend			
CHKOH	SAV1	BDIN	0.4344	0.0000	No Trend	0.5243	0.0003	No Trend	0.3500	Same	0.8215	No Trend			
CHKOH	SAV1	STP	0.1175	0.0020	No Trend	0.1216	-0.0016	No Trend	0.0358	Same	0.4840	No Trend			
CHKOH	SAV1	BTP	0.0622	0.0063	No Trend	0.0387	-0.0042	No Trend	0.0069	Different	0.3053	-			
CHKOH	SAV1	SPO4F	0.3681	0.0000	No Trend	0.2085	0.0003	No Trend	0.1333	Same	0.3677	No Trend			
CHKOH	SAV1	BPO4F	0.0599	0.0000	No Trend	0.3382	0.0002	No Trend	0.1207	Same	0.7959	No Trend			
JMSOH	SAV1	STN	0.4530	-0.0050	No Trend	0.1136	0.0100	No Trend	0.0878	Same	0.5115	No Trend			
JMSOH	SAV1	BTN	0.0535	0.0221	No Trend	0.7784	0.0028	No Trend	0.2704	Same	0.1280	No Trend			
JMSOH	SAV1	SDIN	0.0020	-0.0173	Improving	0.0012	0.0135	Degrading	0.0000	Different	0.7886	185 - D95			
JMSOH	SAV1	BDIN	0.0031	-0.0154	Improving	0.0071	0.0123	Degrading	0.0001	Different	0.9573	185 - D95			
JMSOH	SAV1	STP	0.0001	0.0050	Degrading	0.7867	-0.0002	No Trend	0.0069	Different	0.0219	-			
JMSOH	SAV1	BTP	0.0000	0.0104	Degrading	0.0332	-0.0047	No Trend	0.0000	Different	0.2081	-			
JMSOH	SAV1	SPO4F	0.0083	0.0007	Degrading	0.0385	0.0010	No Trend	0.9370	Same	0.0010	Degrading			
JMSOH	SAV1	BPO4F	0.1579	0.0000	No Trend	0.0835	0.0008	No Trend	0.6741	Same	0.0238	No Trend			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined	
			Trend	'93 Slope	Trend	'93 Slope	Trend	'04 Slope	Trend	'04 Slope		Trend	Direction
JMSMH	SAV1	STN	0.0285	0.0167	No Trend	0.0320	0.0092	No Trend	0.8066	Same	0.0021	Degrading	
JMSMH	SAV1	BTN	0.0004	0.0250	Degrading	0.0223	0.0122	No Trend	0.6245	Same	0.0001	Degrading	
JMSMH	SAV1	SDIN	0.9656	0.0000	No Trend	0.0576	0.0089	No Trend	0.1676	Same	0.1355	No Trend	
JMSMH	SAV1	BDIN	0.8283	0.0000	No Trend	0.0737	0.0053	No Trend	0.2246	Same	0.1222	No Trend	
JMSMH	SAV1	STP	0.0000	0.0050	Degrading	0.9192	0.0001	No Trend	0.0023	Different	0.0014	-	
JMSMH	SAV1	BTP	0.0000	0.0050	Degrading	0.4568	0.0009	No Trend	0.0068	Different	0.0001	-	
JMSMH	SAV1	SPO4F	0.0054	0.0017	Degrading	0.1456	0.0008	No Trend	0.4979	Same	0.0035	Degrading	
JMSMH	SAV1	BPO4F	0.0018	0.0014	Degrading	0.0782	0.0007	No Trend	0.5286	Same	0.0008	Degrading	
JMSPH	SAV1	STN	0.4079	0.0059	No Trend	0.2107	0.0030	No Trend	0.7002	Same	0.1299	No Trend	
JMSPH	SAV1	BTN	0.2215	0.0083	No Trend	0.0158	0.0078	No Trend	0.3241	Same	0.0081	Degrading	
JMSPH	SAV1	SDIN	0.4254	0.0031	No Trend	0.0041	0.0040	Degrading	0.0990	Same	0.0063	Degrading	
JMSPH	SAV1	BDIN	0.3369	0.0011	No Trend	0.0332	0.0032	No Trend	0.3265	Same	0.0231	No Trend	
JMSPH	SAV1	STP	0.1430	0.0008	No Trend	0.3614	-0.0005	No Trend	0.0947	Same	0.7773	No Trend	
JMSPH	SAV1	BTP	0.0580	0.0012	No Trend	0.0582	-0.0007	No Trend	0.0070	Different	0.8573	-	
JMSPH	SAV1	SPO4F	1.0000	0.0000	No Trend	0.7092	-0.0001	No Trend	0.7748	Same	0.7748	No Trend	
JMSPH	SAV1	BPO4F	0.6873	0.0000	No Trend	0.1189	-0.0004	No Trend	0.3641	Same	0.1394	No Trend	
ELIPH	SAV1	STN	0.4414	0.0080	No Trend	0.0229	0.0123	No Trend	0.1881	Same	0.0212	No Trend	
ELIPH	SAV1	BTN	0.2526	0.0117	No Trend	0.0015	0.0111	Degrading	0.0613	Same	0.0011	Degrading	
ELIPH	SAV1	SDIN	0.4974	0.0032	No Trend	0.0136	0.0097	No Trend	0.1227	Same	0.0159	No Trend	
ELIPH	SAV1	BDIN	0.3168	0.0051	No Trend	0.0461	0.0057	No Trend	0.3076	Same	0.0255	No Trend	
ELIPH	SAV1	STP	0.1659	0.0004	No Trend	0.5655	-0.0003	No Trend	0.1761	Same	0.6396	No Trend	
ELIPH	SAV1	BTP	0.1041	0.0016	No Trend	0.8129	-0.0001	No Trend	0.2122	Same	0.3769	No Trend	
ELIPH	SAV1	SPO4F	0.7742	0.0000	No Trend	0.3792	0.0003	No Trend	0.6387	Same	0.3751	No Trend	
ELIPH	SAV1	BPO4F	0.5596	0.0000	No Trend	0.1460	0.0007	No Trend	0.4622	Same	0.1278	No Trend	
PMKTF	SAV1	STN	0.7822	0.0017	No Trend	0.0000	0.0361	Degrading	0.0021	Different	0.0004	-	
PMKTF	SAV1	BTN	0.8128	0.0025	No Trend	0.0028	0.0220	Degrading	0.0608	Same	0.0230	No Trend	
PMKTF	SAV1	SDIN	0.3432	0.0043	No Trend	0.0003	0.0203	Degrading	0.0408	Same	0.0007	Degrading	
PMKTF	SAV1	BDIN	0.3636	0.0053	No Trend	0.0356	0.0173	No Trend	0.3840	Same	0.0295	No Trend	
PMKTF	SAV1	STP	0.0132	0.0025	No Trend	0.0175	0.0018	No Trend	0.9779	Same	0.0005	Degrading	
PMKTF	SAV1	BTP	0.0003	0.0046	Degrading	0.6947	0.0006	No Trend	0.0204	Same	0.0040	Degrading	
PMKTF	SAV1	SPO4F	0.0041	0.0000	High BDLs	0.0012	-0.0010	Improving	0.5194	Same	0.0000	Improving	
PMKTF	SAV1	BPO4F	0.0753	0.0000	No Trend	0.0005	-0.0010	Improving	0.1541	Same	0.0001	Improving	
PMKOH	SAV1	STN	0.0001	0.0350	Degrading	0.5174	0.0030	No Trend	0.0268	Same	0.0016	Degrading	
PMKOH	SAV1	BTN	0.0026	0.0441	Degrading	0.1685	0.0215	No Trend	0.2865	Same	0.0020	Degrading	
PMKOH	SAV1	SDIN	0.3295	0.0050	No Trend	0.0138	0.0106	No Trend	0.2933	Same	0.0135	No Trend	
PMKOH	SAV1	BDIN	0.3415	0.0050	No Trend	0.0046	0.0120	Degrading	0.1550	Same	0.0058	Degrading	
PMKOH	SAV1	STP	0.0023	0.0063	Degrading	0.2951	-0.0014	No Trend	0.0039	Different	0.1737	-	
PMKOH	SAV1	BTP	0.0014	0.0185	Degrading	0.9696	-0.0004	No Trend	0.0248	Same	0.0286	No Trend	
PMKOH	SAV1	SPO4F	0.0002	0.0017	Degrading	0.8055	0.0001	No Trend	0.0214	Same	0.0075	Degrading	
PMKOH	SAV1	BPO4F	0.0403	0.0003	No Trend	0.8053	0.0000	No Trend	0.2612	Same	0.1318	No Trend	
MPNTF	SAV1	STN	0.8123	-0.0016	No Trend	0.0438	0.0186	No Trend	0.1074	Same	0.2246	No Trend	
MPNTF	SAV1	BTN	0.0110	-0.0185	No Trend	0.0197	0.0132	No Trend	0.0005	Different	0.8167	-	
MPNTF	SAV1	SDIN	0.0966	0.0050	No Trend	0.0004	0.0136	Degrading	0.1437	Same	0.0002	Degrading	
MPNTF	SAV1	BDIN	0.2934	0.0027	No Trend	0.0056	0.0100	Degrading	0.1969	Same	0.0056	Degrading	
MPNTF	SAV1	STP	0.0129	0.0014	No Trend	0.9693	0.0001	No Trend	0.0880	Same	0.0781	No Trend	
MPNTF	SAV1	BTP	0.6206	0.0000	No Trend	0.7837	-0.0004	No Trend	0.5697	Same	0.8646	No Trend	
MPNTF	SAV1	SPO4F	0.6734	0.0000	No Trend	0.0000	-0.0022	Improving	0.0002	Different	0.0022	-	
MPNTF	SAV1	BPO4F	0.0695	0.0000	No Trend	0.0001	-0.0023	Improving	0.0698	Same	0.0000	Improving	
MPNOH	SAV1	STN	0.0000	0.0355	Degrading	0.0948	0.0127	No Trend	0.0108	Same	0.0000	Degrading	
MPNOH	SAV1	BTN	0.0292	0.0345	No Trend	0.2789	-0.0090	No Trend	0.0192	Same	0.4125	No Trend	
MPNOH	SAV1	SDIN	0.0356	0.0073	No Trend	0.0353	0.0100	No Trend	1.0000	Same	0.0027	Degrading	
MPNOH	SAV1	BDIN	0.1485	0.0071	No Trend	0.0361	0.0103	No Trend	0.5947	Same	0.0108	No Trend	
MPNOH	SAV1	STP	0.0000	0.0067	Degrading	0.9086	0.0002	No Trend	0.0008	Different	0.0004	-	
MPNOH	SAV1	BTP	0.0122	0.0065	No Trend	0.9086	-0.0008	No Trend	0.0666	Same	0.0954	No Trend	
MPNOH	SAV1	SPO4F	0.0163	0.0008	No Trend	0.6848	-0.0003	No Trend	0.0538	Same	0.1860	No Trend	
MPNOH	SAV1	BPO4F	0.0141	0.0009	No Trend	0.5242	-0.0004	No Trend	0.0330	Same	0.2387	No Trend	

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined		Combined	
			Trend	P value	'93 Slope	Direction	Trend	P value	'04 Slope	Direction		Trend	P value	Trend	Direction
YRKM	SAV1	STN	0.0002	0.0329	Degrading	0.0059	0.0128	Degrading	0.6809	Same	0.0000	Degrading			
YRKM	SAV1	BTN	0.0012	0.0300	Degrading	0.3398	0.0142	No Trend	0.1499	Same	0.0040	Degrading			
YRKM	SAV1	SDIN	0.3622	-0.0017	No Trend	0.0156	0.0118	No Trend	0.0161	Same	0.2765	No Trend			
YRKM	SAV1	BDIN	0.6708	0.0000	No Trend	0.0443	0.0107	No Trend	0.0715	Same	0.2408	No Trend			
YRKM	SAV1	STP	0.0000	0.0063	Degrading	0.7188	-0.0003	No Trend	0.0008	Different	0.0046	-			
YRKM	SAV1	BTP	0.0011	0.0075	Degrading	0.2815	0.0027	No Trend	0.1698	Same	0.0028	Degrading			
YRKM	SAV1	SPO4F	0.0001	0.0013	Degrading	0.2546	0.0003	No Trend	0.1105	Same	0.0007	Degrading			
YRKM	SAV1	BPO4F	0.0005	0.0013	Degrading	0.0077	0.0006	Degrading	0.9564	Same	0.0000	Degrading			
YRKP	SAV1	STN	0.0018	0.0238	Degrading	0.0332	0.0070	No Trend	0.6508	Same	0.0002	Degrading			
YRKP	SAV1	BTN	0.0001	0.0489	Degrading	0.0927	-0.0114	No Trend	0.2146	Same	0.0001	Degrading			
YRKP	SAV1	SDIN	0.7579	0.0000	No Trend	0.5678	0.0012	No Trend	0.5102	Same	0.8575	No Trend			
YRKP	SAV1	BDIN	0.1308	0.0046	No Trend	0.5748	0.0009	No Trend	0.6163	Same	0.1639	No Trend			
YRKP	SAV1	STP	0.0000	0.0025	Degrading	0.7149	-0.0001	No Trend	0.0010	Different	0.0061	-			
YRKP	SAV1	BTP	0.0000	0.0038	Degrading	0.9146	-0.0002	No Trend	0.0017	Different	0.0028	-			
YRKP	SAV1	SPO4F	0.0610	0.0000	No Trend	0.3415	0.0002	No Trend	0.6756	Same	0.0542	No Trend			
YRKP	SAV1	BPO4F	0.1598	0.0000	No Trend	0.4823	0.0001	No Trend	0.7389	Same	0.1487	No Trend			
RPPT	SAV1	STN	0.4778	0.0090	No Trend	0.0112	0.0120	No Trend	0.1506	Same	0.0158	No Trend			
RPPT	SAV1	BTN	0.4778	-0.0102	No Trend	0.3102	0.0072	No Trend	0.2084	Same	0.7776	No Trend			
RPPT	SAV1	SDIN	0.0126	0.0213	No Trend	0.2646	0.0046	No Trend	0.4255	Same	0.0126	No Trend			
RPPT	SAV1	BDIN	0.0071	0.0200	Degrading	0.4561	0.0043	No Trend	0.2264	Same	0.0192	No Trend			
RPPT	SAV1	STP	0.0884	0.0010	No Trend	0.1216	-0.0013	No Trend	0.0208	Same	0.9788	No Trend			
RPPT	SAV1	BTP	0.0795	0.0021	No Trend	0.3598	-0.0009	No Trend	0.0610	Same	0.6161	No Trend			
RPPT	SAV1	SPO4F	0.2040	0.0000	No Trend	0.0658	-0.0003	No Trend	0.0236	Same	0.4061	No Trend			
RPPT	SAV1	BPO4F	0.5681	0.0000	No Trend	0.0614	-0.0004	No Trend	0.0566	Same	0.2212	No Trend			
RPPM	SAV1	STN	0.0025	0.0175	Degrading	0.7609	0.0008	No Trend	0.0800	Same	0.0268	No Trend			
RPPM	SAV1	BTN	0.0000	0.0258	Degrading	0.6848	0.0015	No Trend	0.0156	Same	0.0024	Degrading			
RPPM	SAV1	SDIN	0.0059	-0.0048	Improving	0.2628	0.0005	No Trend	0.0085	Different	0.3709	-			
RPPM	SAV1	BDIN	0.3325	0.0000	No Trend	0.9192	-0.0002	No Trend	0.5685	Same	0.4680	No Trend			
RPPM	SAV1	STP	0.0001	0.0020	Degrading	0.7100	-0.0002	No Trend	0.0044	Different	0.0230	-			
RPPM	SAV1	BTP	0.0204	0.0017	No Trend	0.4777	-0.0006	No Trend	0.0400	Same	0.3360	No Trend			
RPPM	SAV1	SPO4F	1.0000	0.0000	No Trend	0.5129	0.0000	No Trend	0.5418	Same	0.5418	No Trend			
RPPM	SAV1	BPO4F	0.1059	0.0000	No Trend	0.6070	0.0000	No Trend	0.2465	Same	0.8265	No Trend			
RPPH	SAV1	STN	0.0264	0.0273	No Trend	0.0976	0.0162	No Trend	0.8370	Same	0.0064	Degrading			
RPPH	SAV1	BTN	0.0003	0.0360	Degrading	0.1129	0.0165	No Trend	0.2386	Same	0.0003	Degrading			
RPPH	SAV1	SDIN	0.2774	-0.0050	No Trend	0.6053	0.0000	No Trend	0.2605	Same	0.7337	No Trend			
RPPH	SAV1	BDIN	0.0481	-0.0075	No Trend	0.8045	0.0000	No Trend	0.2598	Same	0.1330	No Trend			
RPPH	SAV1	STP	0.0005	0.0050	Degrading	0.8051	-0.0003	No Trend	0.0114	Same	0.0308	No Trend			
RPPH	SAV1	BTP	0.0001	0.0067	Degrading	0.9407	0.0003	No Trend	0.0093	Different	0.0068	-			
RPPH	SAV1	SPO4F	0.8404	0.0000	No Trend	0.5596	0.0000	No Trend	0.6912	Same	0.5211	No Trend			
RPPH	SAV1	BPO4F	0.6073	0.0000	No Trend	0.5078	-0.0001	No Trend	0.7593	Same	0.3910	No Trend			
CRRM	SAV1	STN	0.1932	0.0150	No Trend	0.2359	0.0052	No Trend	0.9095	Same	0.0781	No Trend			
CRRM	SAV1	BTN	0.0436	0.0200	No Trend	0.2185	-0.0050	No Trend	0.0269	Same	0.8204	No Trend			
CRRM	SAV1	SDIN	0.0001	-0.0060	Improving	0.6304	0.0000	No Trend	0.0158	Same	0.0020	Improving			
CRRM	SAV1	BDIN	0.0431	-0.0025	No Trend	0.1716	-0.0013	No Trend	0.8031	Same	0.0179	No Trend			
CRRM	SAV1	STP	0.0011	0.0013	Degrading	0.8225	-0.0002	No Trend	0.0171	Same	0.0403	No Trend			
CRRM	SAV1	BTP	0.0012	0.0020	Degrading	0.1077	-0.0010	No Trend	0.0007	Different	0.3149	-			
CRRM	SAV1	SPO4F	0.3893	0.0000	No Trend	0.2111	0.0000	No Trend	0.1232	Same	0.5028	No Trend			
CRRM	SAV1	BPO4F	0.6626	0.0000	No Trend	0.2287	-0.0002	No Trend	0.4313	Same	0.1968	No Trend			
APPT	SAV2	STN	0.6617	-0.0025	No Trend	0.0465	0.0075	No Trend	0.0724	Same	0.2507	No Trend			
APPT	SAV2	BTN	0.9304	0.0021	No Trend	0.0861	0.0068	No Trend	0.2330	Same	0.1715	No Trend			
APPT	SAV2	SDIN	0.1149	-0.0075	No Trend	0.5407	0.0020	No Trend	0.1269	Same	0.5453	No Trend			
APPT	SAV2	BDIN	0.0879	-0.0094	No Trend	0.6464	0.0016	No Trend	0.1344	Same	0.4201	No Trend			
APPT	SAV2	STP	0.0539	0.0017	No Trend	0.3388	-0.0006	No Trend	0.0446	Same	0.5803	No Trend			
APPT	SAV2	BTP	0.0077	0.0025	Degrading	0.8483	0.0000	No Trend	0.1083	Same	0.0577	No Trend			
APPT	SAV2	SPO4F	0.2533	0.0000	No Trend	0.9079	0.0000	No Trend	0.4108	Same	0.5224	No Trend			
APPT	SAV2	BPO4F	0.1511	0.0000	No Trend	0.8468	0.0000	No Trend	0.4463	Same	0.2863	No Trend			



Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined	
			Trend	P value	'93 Slope	Direction	P value	'04 Slope	Direction	Trend		P value	Direction
JMSTF1	SAV2	STN	0.7330	0.0037	No Trend	0.9418	-0.0009	No Trend	0.7603	Same	0.8461	No Trend	
JMSTF1	SAV2	BTN	0.8613	-0.0025	No Trend	0.8839	-0.0013	No Trend	0.9777	Same	0.8010	No Trend	
JMSTF1	SAV2	SDIN	0.1854	-0.0075	No Trend	0.2423	0.0056	No Trend	0.0756	Same	1.0000	No Trend	
JMSTF1	SAV2	BDIN	0.1055	-0.0081	No Trend	0.4652	0.0033	No Trend	0.1039	Same	0.6138	No Trend	
JMSTF1	SAV2	STP	0.0065	0.0025	Degrading	0.1541	-0.0008	No Trend	0.0042	Different	0.5003	-	
JMSTF1	SAV2	BTP	0.0027	0.0025	Degrading	0.0339	-0.0013	No Trend	0.0004	Different	0.7771	-	
JMSTF1	SAV2	SPO4F	0.0975	0.0000	No Trend	0.7958	0.0000	No Trend	0.2102	Same	0.3981	No Trend	
JMSTF1	SAV2	BPO4F	0.1534	0.0000	No Trend	0.9707	0.0000	No Trend	0.3932	Same	0.3614	No Trend	
JMSTF2	SAV2	STN	1.0000	-0.0005	No Trend	0.0436	0.0068	No Trend	0.1223	Same	0.1365	No Trend	
JMSTF2	SAV2	BTN	0.1901	-0.0092	No Trend	0.1014	0.0072	No Trend	0.0337	Same	0.7490	No Trend	
JMSTF2	SAV2	SDIN	0.1464	-0.0069	No Trend	0.0859	0.0064	No Trend	0.0228	Same	0.7390	No Trend	
JMSTF2	SAV2	BDIN	0.0228	-0.0150	No Trend	0.0671	0.0066	No Trend	0.0037	Different	0.9095	-	
JMSTF2	SAV2	STP	0.7941	0.0000	No Trend	0.5836	-0.0003	No Trend	0.5382	Same	0.8229	No Trend	
JMSTF2	SAV2	BTP	0.7210	0.0000	No Trend	0.1664	-0.0007	No Trend	0.1872	Same	0.4221	No Trend	
JMSTF2	SAV2	SPO4F	0.0106	-0.0001	No Trend	1.0000	0.0000	No Trend	0.1112	Same	0.1112	No Trend	
JMSTF2	SAV2	BPO4F	0.0040	-0.0009	Improving	0.8810	-0.0001	No Trend	0.0965	Same	0.0575	No Trend	
CHKOH	SAV2	STN	0.9572	-0.0007	No Trend	0.0792	0.0070	No Trend	0.1331	Same	0.1678	No Trend	
CHKOH	SAV2	BTN	0.6682	0.0050	No Trend	0.4218	0.0049	No Trend	0.6949	Same	0.3496	No Trend	
CHKOH	SAV2	SDIN	0.1965	-0.0075	No Trend	0.0333	0.0064	No Trend	0.0119	Same	0.3262	No Trend	
CHKOH	SAV2	BDIN	0.1606	-0.0081	No Trend	0.3610	0.0024	No Trend	0.1156	Same	0.9517	No Trend	
CHKOH	SAV2	STP	0.0005	0.0033	Degrading	0.3312	-0.0006	No Trend	0.0053	Different	0.2388	-	
CHKOH	SAV2	BTP	0.0004	0.0033	Degrading	0.0373	-0.0012	No Trend	0.0002	Different	0.8072	-	
CHKOH	SAV2	SPO4F	0.7360	0.0000	No Trend	0.6508	0.0000	No Trend	0.5535	Same	0.8434	No Trend	
CHKOH	SAV2	BPO4F	0.5012	0.0000	No Trend	0.7967	0.0000	No Trend	0.8972	Same	0.5611	No Trend	
JMSOH	SAV2	STN	0.4685	0.0057	No Trend	0.1653	0.0055	No Trend	0.5791	Same	0.1204	No Trend	
JMSOH	SAV2	BTN	0.0267	0.0164	No Trend	0.7702	0.0014	No Trend	0.2122	Same	0.0908	No Trend	
JMSOH	SAV2	SDIN	0.1241	-0.0083	No Trend	0.0152	0.0075	No Trend	0.0041	Different	0.4311	-	
JMSOH	SAV2	BDIN	0.1241	-0.0081	No Trend	0.0333	0.0068	No Trend	0.0082	Different	0.5739	-	
JMSOH	SAV2	STP	0.0000	0.0050	Degrading	0.0311	-0.0012	No Trend	0.0000	Different	0.1533	-	
JMSOH	SAV2	BTP	0.0000	0.0063	Degrading	0.0373	-0.0016	No Trend	0.0000	Different	0.0500	-	
JMSOH	SAV2	SPO4F	0.3078	0.0000	No Trend	0.7069	0.0000	No Trend	0.7213	Same	0.3414	No Trend	
JMSOH	SAV2	BPO4F	1.0000	0.0000	No Trend	0.4316	0.0002	No Trend	0.5322	Same	0.5322	No Trend	
JMSMH	SAV2	STN	0.0170	0.0154	No Trend	0.1887	0.0049	No Trend	0.5604	Same	0.0099	Degrading	
JMSMH	SAV2	BTN	0.0049	0.0200	Degrading	0.2426	0.0052	No Trend	0.3319	Same	0.0061	Degrading	
JMSMH	SAV2	SDIN	0.6692	-0.0021	No Trend	0.0622	0.0066	No Trend	0.0882	Same	0.2802	No Trend	
JMSMH	SAV2	BDIN	0.4925	-0.0033	No Trend	0.0868	0.0060	No Trend	0.0775	Same	0.4253	No Trend	
JMSMH	SAV2	STP	0.0000	0.0050	Degrading	0.0859	-0.0009	No Trend	0.0000	Different	0.0248	-	
JMSMH	SAV2	BTP	0.0000	0.0046	Degrading	0.3610	-0.0005	No Trend	0.0002	Different	0.0171	-	
JMSMH	SAV2	SPO4F	0.4448	0.0000	No Trend	0.2609	0.0003	No Trend	0.6726	Same	0.1649	No Trend	
JMSMH	SAV2	BPO4F	0.2016	0.0000	No Trend	0.4097	0.0002	No Trend	0.9038	Same	0.1470	No Trend	
JMSPH	SAV2	STN	0.1055	0.0113	No Trend	0.4652	0.0030	No Trend	0.5984	Same	0.1019	No Trend	
JMSPH	SAV2	BTN	0.0297	0.0149	No Trend	0.0797	0.0072	No Trend	0.9117	Same	0.0055	Degrading	
JMSPH	SAV2	SDIN	0.6665	-0.0001	No Trend	0.0486	0.0063	No Trend	0.0702	Same	0.2309	No Trend	
JMSPH	SAV2	BDIN	0.9296	0.0000	No Trend	0.0130	0.0060	No Trend	0.0457	Same	0.0674	No Trend	
JMSPH	SAV2	STP	0.0009	0.0015	Degrading	0.0528	-0.0008	No Trend	0.0003	Different	0.5016	-	
JMSPH	SAV2	BTP	0.0017	0.0020	Degrading	0.4875	-0.0003	No Trend	0.0099	Different	0.1301	-	
JMSPH	SAV2	SPO4F	1.0000	0.0000	No Trend	0.7410	0.0000	No Trend	0.8134	Same	0.7679	No Trend	
JMSPH	SAV2	BPO4F	0.8821	0.0000	No Trend	0.5568	-0.0001	No Trend	0.7235	Same	0.5555	No Trend	
ELIPH	SAV2	STN	0.1387	0.0123	No Trend	0.0236	0.0072	No Trend	0.4278	Same	0.0065	Degrading	
ELIPH	SAV2	BTN	0.3222	0.0075	No Trend	0.0342	0.0072	No Trend	0.2987	Same	0.0209	No Trend	
ELIPH	SAV2	SDIN	1.0000	0.0000	No Trend	0.0486	0.0066	No Trend	0.1260	Same	0.1260	No Trend	
ELIPH	SAV2	BDIN	0.6703	-0.0025	No Trend	0.0576	0.0065	No Trend	0.0731	Same	0.2248	No Trend	
ELIPH	SAV2	STP	0.0048	0.0014	Degrading	0.0670	-0.0007	No Trend	0.0012	Different	0.6725	-	
ELIPH	SAV2	BTP	0.0001	0.0032	Degrading	0.1541	-0.0007	No Trend	0.0004	Different	0.1742	-	
ELIPH	SAV2	SPO4F	0.8412	0.0000	No Trend	0.6864	0.0000	No Trend	0.8590	Same	0.6357	No Trend	
ELIPH	SAV2	BPO4F	0.2683	0.0000	No Trend	0.6604	0.0000	No Trend	0.3001	Same	0.7447	No Trend	

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined	
			Trend	P value	'93 Slope	Direction	Trend	P value	'04 Slope	Direction		Trend	P value
PMKTF	SAV2	STN	0.0332	0.0133	No Trend	0.0003	0.0154	Degrading	0.2061	Same	0.0000	Degrading	
PMKTF	SAV2	BTN	0.1594	0.0092	No Trend	0.0108	0.0105	No Trend	0.3710	Same	0.0043	Degrading	
PMKTF	SAV2	SDIN	0.8309	0.0000	No Trend	0.0004	0.0107	Degrading	0.0123	Same	0.0045	Degrading	
PMKTF	SAV2	BDIN	1.0000	0.0000	No Trend	0.0378	0.0068	No Trend	0.1330	Same	0.1187	No Trend	
PMKTF	SAV2	STP	0.0000	0.0033	Degrading	0.2668	0.0005	No Trend	0.0467	Same	0.0003	Degrading	
PMKTF	SAV2	BTP	0.0000	0.0042	Degrading	0.5560	0.0002	No Trend	0.0047	Different	0.0002	-	
PMKTF	SAV2	SPO4F	0.7037	0.0000	No Trend	0.2940	-0.0003	No Trend	0.5372	Same	0.2667	No Trend	
PMKTF	SAV2	BPO4F	0.7200	0.0000	No Trend	0.2535	-0.0003	No Trend	0.5121	Same	0.2481	No Trend	
PMKOH	SAV2	STN	0.0884	0.0150	No Trend	0.3814	0.0041	No Trend	0.6094	Same	0.0693	No Trend	
PMKOH	SAV2	BTN	0.0960	0.0141	No Trend	0.0744	0.0076	No Trend	0.8845	Same	0.0136	No Trend	
PMKOH	SAV2	SDIN	0.6992	0.0000	No Trend	0.0675	0.0060	No Trend	0.2789	Same	0.0984	No Trend	
PMKOH	SAV2	BDIN	0.7001	0.0004	No Trend	0.1186	0.0062	No Trend	0.3780	Same	0.1469	No Trend	
PMKOH	SAV2	STP	0.0000	0.0050	Degrading	0.3828	-0.0003	No Trend	0.0004	Different	0.0223	-	
PMKOH	SAV2	BTP	0.0000	0.0050	Degrading	0.2605	-0.0007	No Trend	0.0001	Different	0.0175	-	
PMKOH	SAV2	SPO4F	0.3433	0.0000	No Trend	0.2353	-0.0003	No Trend	0.1214	Same	0.7383	No Trend	
PMKOH	SAV2	BPO4F	0.5497	0.0000	No Trend	0.3199	-0.0003	No Trend	0.2366	Same	0.6932	No Trend	
MPNTF	SAV2	STN	0.0027	0.0100	Degrading	0.0123	0.0095	No Trend	0.9104	Same	0.0001	Degrading	
MPNTF	SAV2	BTN	0.7653	0.0031	No Trend	0.0258	0.0083	No Trend	0.1624	Same	0.0625	No Trend	
MPNTF	SAV2	SDIN	0.8638	0.0000	No Trend	0.0005	0.0102	Degrading	0.0058	Different	0.0132	-	
MPNTF	SAV2	BDIN	0.9660	-0.0003	No Trend	0.0032	0.0078	Degrading	0.0269	Same	0.0361	No Trend	
MPNTF	SAV2	STP	0.0000	0.0025	Degrading	0.7888	0.0000	No Trend	0.0101	Same	0.0029	Degrading	
MPNTF	SAV2	BTP	0.0001	0.0025	Degrading	0.5500	-0.0002	No Trend	0.0026	Different	0.0333	-	
MPNTF	SAV2	SPO4F	0.3564	0.0000	No Trend	0.1773	-0.0004	No Trend	0.0962	Same	0.6071	No Trend	
MPNTF	SAV2	BPO4F	0.7921	0.0000	No Trend	0.3785	-0.0003	No Trend	0.6100	Same	0.3721	No Trend	
MPNOH	SAV2	STN	0.0151	0.0150	No Trend	0.0999	0.0069	No Trend	0.6692	Same	0.0040	Degrading	
MPNOH	SAV2	BTN	0.2329	0.0100	No Trend	0.6325	0.0023	No Trend	0.6208	Same	0.2328	No Trend	
MPNOH	SAV2	SDIN	0.4943	0.0020	No Trend	0.0240	0.0068	No Trend	0.2313	Same	0.0303	No Trend	
MPNOH	SAV2	BDIN	0.5213	0.0020	No Trend	0.1109	0.0068	No Trend	0.4841	Same	0.1026	No Trend	
MPNOH	SAV2	STP	0.0000	0.0050	Degrading	0.2576	-0.0007	No Trend	0.0000	Different	0.0089	-	
MPNOH	SAV2	BTP	0.0000	0.0050	Degrading	0.0793	-0.0010	No Trend	0.0000	Different	0.1192	-	
MPNOH	SAV2	SPO4F	0.3848	0.0000	No Trend	0.3526	-0.0002	No Trend	0.1948	Same	0.8531	No Trend	
MPNOH	SAV2	BPO4F	0.8050	0.0000	No Trend	0.4458	-0.0002	No Trend	0.4362	Same	0.6856	No Trend	
YRKMV	SAV2	STN	0.0550	0.0141	No Trend	0.0152	0.0085	No Trend	0.5935	Same	0.0018	Degrading	
YRKMV	SAV2	BTN	0.0884	0.0137	No Trend	0.1556	0.0068	No Trend	0.9328	Same	0.0265	No Trend	
YRKMV	SAV2	SDIN	0.7977	0.0004	No Trend	0.2788	0.0052	No Trend	0.5362	Same	0.3115	No Trend	
YRKMV	SAV2	BDIN	0.7970	0.0000	No Trend	0.1912	0.0060	No Trend	0.2369	Same	0.4304	No Trend	
YRKMV	SAV2	STP	0.0001	0.0033	Degrading	0.5154	-0.0003	No Trend	0.0021	Different	0.0356	-	
YRKMV	SAV2	BTP	0.0030	0.0029	Degrading	0.7306	-0.0002	No Trend	0.0248	Same	0.0843	No Trend	
YRKMV	SAV2	SPO4F	0.2214	0.0000	No Trend	0.8223	0.0001	No Trend	0.5977	Same	0.3680	No Trend	
YRKMV	SAV2	BPO4F	0.4799	0.0000	No Trend	0.5235	0.0001	No Trend	0.9262	Same	0.3384	No Trend	
YRKPH	SAV2	STN	0.0483	0.0137	No Trend	0.1349	0.0062	No Trend	0.8858	Same	0.0147	No Trend	
YRKPH	SAV2	BTN	0.0212	0.0176	No Trend	0.1257	0.0073	No Trend	0.7717	Same	0.0076	Degrading	
YRKPH	SAV2	SDIN	0.1691	-0.0042	No Trend	0.1726	0.0017	No Trend	0.0497	Same	0.9278	No Trend	
YRKPH	SAV2	BDIN	0.7788	0.0000	No Trend	0.2229	0.0024	No Trend	0.2492	Same	0.4601	No Trend	
YRKPH	SAV2	STP	0.0000	0.0029	Degrading	0.4672	-0.0002	No Trend	0.0003	Different	0.0118	-	
YRKPH	SAV2	BTP	0.0000	0.0033	Degrading	0.7306	-0.0002	No Trend	0.0030	Different	0.0143	-	
YRKPH	SAV2	SPO4F	0.7589	0.0000	No Trend	0.8804	0.0000	No Trend	0.9489	Same	0.7485	No Trend	
YRKPH	SAV2	BPO4F	0.8539	0.0000	No Trend	1.0000	0.0000	No Trend	0.8981	Same	0.8981	No Trend	
RPPTF	SAV2	STN	0.3824	0.0071	No Trend	0.0342	0.0077	No Trend	0.3000	Same	0.0269	No Trend	
RPPTF	SAV2	BTN	0.5120	0.0052	No Trend	0.0930	0.0074	No Trend	0.4005	Same	0.0823	No Trend	
RPPTF	SAV2	SDIN	0.9651	0.0000	No Trend	0.0486	0.0068	No Trend	0.1449	Same	0.1164	No Trend	
RPPTF	SAV2	BDIN	0.6614	0.0018	No Trend	0.0679	0.0065	No Trend	0.2740	Same	0.0871	No Trend	
RPPTF	SAV2	STP	0.0018	0.0025	Degrading	0.6538	-0.0003	No Trend	0.0182	Same	0.0948	No Trend	
RPPTF	SAV2	BTP	0.0002	0.0028	Degrading	0.5499	-0.0003	No Trend	0.0040	Different	0.0506	-	
RPPTF	SAV2	SPO4F	0.4569	0.0000	No Trend	0.1858	-0.0002	No Trend	0.1220	Same	0.4963	No Trend	
RPPTF	SAV2	BPO4F	0.8697	0.0000	No Trend	0.4626	-0.0001	No Trend	0.4644	Same	0.6257	No Trend	

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined		Combined	
			Trend	Slope	Trend	Slope	Trend	Slope	Trend	Comparison		Trend	Direction	Trend	Direction
RPPMH	SAV2	STN	0.0332	0.0133	No Trend	0.6613	0.0018	No Trend	0.2796	Same	0.0807	No Trend			
RPPMH	SAV2	BTN	0.0884	0.0133	No Trend	0.5110	0.0030	No Trend	0.5237	Same	0.1019	No Trend			
RPPMH	SAV2	SDIN	0.3242	-0.0046	No Trend	0.2573	0.0026	No Trend	0.1262	Same	0.8457	No Trend			
RPPMH	SAV2	BDIN	0.7974	-0.0021	No Trend	0.6092	0.0011	No Trend	0.5597	Same	0.8458	No Trend			
RPPMH	SAV2	STP	0.0003	0.0025	Degrading	0.7981	-0.0001	No Trend	0.0118	Same	0.0338	No Trend			
RPPMH	SAV2	BTP	0.0076	0.0020	Degrading	0.4429	-0.0003	No Trend	0.0199	Same	0.2503	No Trend			
RPPMH	SAV2	SPO4F	1.0000	0.0000	No Trend	0.2525	0.0001	No Trend	0.2955	Same	0.3267	No Trend			
RPPMH	SAV2	BPO4F	0.6501	0.0000	No Trend	0.1829	0.0001	No Trend	0.3352	Same	0.1530	No Trend			
RPOH	SAV2	STN	0.2329	0.0113	No Trend	0.0130	0.0126	No Trend	0.2796	Same	0.0072	Degrading			
RPOH	SAV2	BTN	0.5509	0.0050	No Trend	0.1081	0.0067	No Trend	0.4214	Same	0.1019	No Trend			
RPOH	SAV2	SDIN	0.1590	-0.0075	No Trend	0.1441	0.0060	No Trend	0.0401	Same	0.8678	No Trend			
RPOH	SAV2	BDIN	0.0548	-0.0100	No Trend	0.2426	0.0060	No Trend	0.0305	Same	0.6977	No Trend			
RPOH	SAV2	STP	0.0013	0.0037	Degrading	0.9702	0.0000	No Trend	0.0311	Same	0.0358	No Trend			
RPOH	SAV2	BTP	0.0002	0.0033	Degrading	0.5008	-0.0004	No Trend	0.0029	Different	0.0503	-			
RPOH	SAV2	SPO4F	0.6425	0.0000	No Trend	0.8825	0.0000	No Trend	0.8762	Same	0.6854	No Trend			
RPOH	SAV2	BPO4F	0.6919	0.0000	No Trend	0.8257	0.0000	No Trend	0.9509	Same	0.6663	No Trend			
CRRMH	SAV2	STN	0.2130	0.0107	No Trend	0.4875	0.0030	No Trend	0.7966	Same	0.1783	No Trend			
CRRMH	SAV2	BTN	0.0720	0.0135	No Trend	0.3808	0.0045	No Trend	0.6469	Same	0.0669	No Trend			
CRRMH	SAV2	SDIN	0.0553	-0.0058	No Trend	0.0778	0.0055	No Trend	0.0090	Different	0.9282	-			
CRRMH	SAV2	BDIN	0.2842	-0.0033	No Trend	0.1672	0.0039	No Trend	0.0756	Same	0.7224	No Trend			
CRRMH	SAV2	STP	0.0001	0.0018	Degrading	0.0565	-0.0006	No Trend	0.0000	Different	0.2524	-			
CRRMH	SAV2	BTP	0.0024	0.0020	Degrading	0.0617	-0.0008	No Trend	0.0006	Different	0.5687	-			
CRRMH	SAV2	SPO4F	1.0000	0.0000	No Trend	0.9694	0.0000	No Trend	1.0000	Same	0.9463	No Trend			
CRRMH	SAV2	BPO4F	0.7515	0.0000	No Trend	0.4037	0.0001	No Trend	0.3620	Same	0.6024	No Trend			
APPTF	Spring1	STN	0.0652	-0.0180	No Trend	0.0913	0.0183	No Trend	0.0110	Same	0.8936	No Trend			
APPTF	Spring1	BTN	0.3421	-0.0175	No Trend	0.2114	0.0118	No Trend	0.1086	Same	0.8283	No Trend			
APPTF	Spring1	SDIN	0.3743	-0.0063	No Trend	0.6087	-0.0041	No Trend	0.7994	Same	0.3093	No Trend			
APPTF	Spring1	BDIN	0.2817	-0.0100	No Trend	0.4596	-0.0042	No Trend	0.8324	Same	0.1895	No Trend			
APPTF	Spring1	STP	0.4056	-0.0021	No Trend	0.8645	-0.0003	No Trend	0.6401	Same	0.4699	No Trend			
APPTF	Spring1	BTP	0.9482	0.0000	No Trend	0.1245	0.0033	No Trend	0.2845	Same	0.2144	No Trend			
APPTF	Spring1	SPO4F	0.0481	-0.0018	No Trend	0.9540	0.0000	No Trend	0.1928	Same	0.1648	No Trend			
APPTF	Spring1	BPO4F	0.0184	-0.0028	No Trend	0.6019	0.0000	No Trend	0.2242	Same	0.0458	No Trend			
JMSTF1	Spring1	STN	0.5873	-0.0081	No Trend	0.1967	-0.0130	No Trend	0.5563	Same	0.1698	No Trend			
JMSTF1	Spring1	BTN	0.1452	-0.0288	No Trend	0.1632	-0.0233	No Trend	0.9044	Same	0.0412	No Trend			
JMSTF1	Spring1	SDIN	0.5873	-0.0065	No Trend	0.7174	0.0021	No Trend	0.5046	Same	0.9063	No Trend			
JMSTF1	Spring1	BDIN	0.3421	-0.0093	No Trend	0.7963	-0.0027	No Trend	0.6598	Same	0.4007	No Trend			
JMSTF1	Spring1	STP	0.8061	0.0000	No Trend	0.3800	-0.0013	No Trend	0.3848	Same	0.6354	No Trend			
JMSTF1	Spring1	BTP	0.5664	0.0009	No Trend	0.0627	-0.0046	No Trend	0.0648	Same	0.2965	No Trend			
JMSTF1	Spring1	SPO4F	0.0107	-0.0033	No Trend	0.8743	0.0000	No Trend	0.0670	Same	0.1112	No Trend			
JMSTF1	Spring1	BPO4F	0.0195	-0.0029	No Trend	0.7946	0.0000	No Trend	0.1939	Same	0.0882	No Trend			
JMSTF2	Spring1	STN	0.2528	-0.0293	No Trend	0.0932	0.0119	No Trend	0.0401	Same	0.6579	No Trend			
JMSTF2	Spring1	BTN	0.0019	-0.0836	Improving	0.2582	0.0162	No Trend	0.0028	Different	0.1788	-			
JMSTF2	Spring1	SDIN	0.4693	-0.0053	No Trend	0.2553	0.0065	No Trend	0.1695	Same	0.7239	No Trend			
JMSTF2	Spring1	BDIN	0.0569	-0.0296	No Trend	0.1937	0.0099	No Trend	0.0235	Same	0.7731	No Trend			
JMSTF2	Spring1	STP	0.0026	-0.0083	Improving	0.7177	0.0005	No Trend	0.0229	Same	0.0844	No Trend			
JMSTF2	Spring1	BTP	0.0023	-0.0140	Improving	0.4166	-0.0014	No Trend	0.1613	Same	0.0084	Improving			
JMSTF2	Spring1	SPO4F	0.0002	-0.0100	Improving	0.8361	-0.0003	No Trend	0.0224	Same	0.0094	Improving			
JMSTF2	Spring1	BPO4F	0.0000	-0.0100	Improving	0.6653	-0.0008	No Trend	0.0150	Same	0.0020	Improving			
CHKOH	Spring1	STN	0.0187	-0.0475	No Trend	0.1944	0.0115	No Trend	0.0271	Same	0.8828	No Trend			
CHKOH	Spring1	BTN	0.2933	-0.0520	No Trend	0.9588	-0.0005	No Trend	0.6708	Same	0.6034	No Trend			
CHKOH	Spring1	SDIN	0.8141	-0.0050	No Trend	0.0836	0.0076	No Trend	0.0855	Same	0.1542	No Trend			
CHKOH	Spring1	BDIN	0.6334	-0.0073	No Trend	1.0000	0.0000	No Trend	0.8125	Same	0.8125	No Trend			
CHKOH	Spring1	STP	0.5538	0.0035	No Trend	0.8288	-0.0002	No Trend	0.6228	Same	0.9216	No Trend			
CHKOH	Spring1	BTP	0.4805	0.0042	No Trend	0.0707	-0.0043	No Trend	0.0471	Same	0.1855	No Trend			
CHKOH	Spring1	SPO4F	0.0736	0.0000	No Trend	0.6600	0.0000	No Trend	0.2786	Same	0.7964	No Trend			
CHKOH	Spring1	BPO4F	0.0122	-0.0013	No Trend	0.5655	-0.0002	No Trend	0.7303	Same	0.1532	No Trend			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93 Trend		'93 Trend		'04 Trend		'04 Trend		Trend Comparison	Combined Trend		Combined Trend	
			P value	'93 Slope	Direction	P value	'04 Slope	Direction	P value	Comparison		P value	Direction		
JMSOH	Spring1	STN	1.0000	-0.0020	No Trend	0.4386	0.0066	No Trend	0.5303	Same	0.5829	No Trend			
JMSOH	Spring1	BTN	0.0470	0.0325	No Trend	0.4386	-0.0080	No Trend	0.0548	Same	0.4565	No Trend			
JMSOH	Spring1	SDIN	0.3985	-0.0083	No Trend	0.0305	0.0178	No Trend	0.0268	Same	0.3142	No Trend			
JMSOH	Spring1	BDIN	0.3985	-0.0087	No Trend	0.0836	0.0183	No Trend	0.0585	Same	0.4937	No Trend			
JMSOH	Spring1	STP	0.0020	0.0092	Degrading	0.0560	-0.0036	No Trend	0.0005	Different	0.5557	-			
JMSOH	Spring1	BTP	0.0000	0.0213	Degrading	0.0707	-0.0071	No Trend	0.0000	Different	0.1817	-			
JMSOH	Spring1	SPO4F	0.3750	0.0000	No Trend	0.7432	0.0001	No Trend	0.7097	Same	0.3850	No Trend			
JMSOH	Spring1	BPO4F	0.6999	0.0000	No Trend	0.3573	0.0004	No Trend	0.3204	Same	0.6788	No Trend			
JMSMH	Spring1	STN	0.0259	0.0295	No Trend	0.5020	0.0032	No Trend	0.3272	Same	0.0456	No Trend			
JMSMH	Spring1	BTN	0.0047	0.0379	Degrading	0.6421	0.0042	No Trend	0.1264	Same	0.0255	No Trend			
JMSMH	Spring1	SDIN	0.5465	0.0042	No Trend	0.1765	0.0102	No Trend	0.5926	Same	0.1497	No Trend			
JMSMH	Spring1	BDIN	0.8078	0.0025	No Trend	0.2600	0.0068	No Trend	0.5354	Same	0.3016	No Trend			
JMSMH	Spring1	STP	0.0000	0.0063	Degrading	0.1967	-0.0014	No Trend	0.0002	Different	0.0825	-			
JMSMH	Spring1	BTP	0.0019	0.0067	Degrading	0.8769	-0.0003	No Trend	0.0302	Same	0.0535	No Trend			
JMSMH	Spring1	SPO4F	0.5812	0.0000	No Trend	0.1585	0.0006	No Trend	0.4687	Same	0.1357	No Trend			
JMSMH	Spring1	BPO4F	0.2124	0.0000	No Trend	0.3290	0.0005	No Trend	0.9659	Same	0.1141	No Trend			
JMSPH	Spring1	STN	0.2528	0.0159	No Trend	0.8769	-0.0016	No Trend	0.3674	Same	0.5052	No Trend			
JMSPH	Spring1	BTN	0.0536	0.0259	No Trend	0.1967	0.0101	No Trend	0.7537	Same	0.0229	No Trend			
JMSPH	Spring1	SDIN	0.5393	0.0039	No Trend	0.1342	0.0076	No Trend	0.4769	Same	0.1139	No Trend			
JMSPH	Spring1	BDIN	0.2453	0.0000	No Trend	0.0264	0.0062	No Trend	0.3332	Same	0.0124	No Trend			
JMSPH	Spring1	STP	0.2760	0.0010	No Trend	0.1094	-0.0011	No Trend	0.0495	Same	0.6374	No Trend			
JMSPH	Spring1	BTP	0.3945	0.0011	No Trend	0.8769	0.0005	No Trend	0.6367	Same	0.4786	No Trend			
JMSPH	Spring1	SPO4F	0.6458	0.0000	No Trend	0.4988	-0.0001	No Trend	0.8384	Same	0.3918	No Trend			
JMSPH	Spring1	BPO4F	0.5136	0.0000	No Trend	0.2980	-0.0002	No Trend	0.7141	Same	0.2070	No Trend			
ELIPH	Spring1	STN	0.3471	0.0165	No Trend	0.0440	0.0118	No Trend	0.3258	Same	0.0271	No Trend			
ELIPH	Spring1	BTN	0.8798	0.0044	No Trend	0.0707	0.0093	No Trend	0.1724	Same	0.1052	No Trend			
ELIPH	Spring1	SDIN	0.1593	0.0100	No Trend	0.1342	0.0097	No Trend	0.7746	Same	0.0370	No Trend			
ELIPH	Spring1	BDIN	0.4043	0.0058	No Trend	0.1632	0.0087	No Trend	0.5221	Same	0.0960	No Trend			
ELIPH	Spring1	STP	0.7102	0.0000	No Trend	0.1462	-0.0007	No Trend	0.1639	Same	0.4035	No Trend			
ELIPH	Spring1	BTP	0.0738	0.0026	No Trend	0.3800	-0.0008	No Trend	0.0648	Same	0.6299	No Trend			
ELIPH	Spring1	SPO4F	0.9466	0.0000	No Trend	0.7160	0.0000	No Trend	0.7118	Same	0.8374	No Trend			
ELIPH	Spring1	BPO4F	0.0506	-0.0008	No Trend	0.6791	0.0001	No Trend	0.1190	Same	0.3667	No Trend			
PMKTF	Spring1	STN	0.0620	0.0213	No Trend	0.0001	0.0412	Degrading	0.0988	Same	0.0000	Degrading			
PMKTF	Spring1	BTN	0.3985	0.0092	No Trend	0.0115	0.0258	No Trend	0.2500	Same	0.0152	No Trend			
PMKTF	Spring1	SDIN	0.1035	0.0100	No Trend	0.0002	0.0232	Degrading	0.0909	Same	0.0001	Degrading			
PMKTF	Spring1	BDIN	0.1838	0.0084	No Trend	0.0919	0.0166	No Trend	0.8312	Same	0.0297	No Trend			
PMKTF	Spring1	STP	0.0173	0.0025	No Trend	0.0037	0.0039	Degrading	0.6468	Same	0.0002	Degrading			
PMKTF	Spring1	BTP	0.0014	0.0050	Degrading	0.0257	0.0037	No Trend	0.4685	Same	0.0001	Degrading			
PMKTF	Spring1	SPO4F	0.2738	0.0000	No Trend	0.0827	-0.0009	No Trend	0.4488	Same	0.0362	No Trend			
PMKTF	Spring1	BPO4F	0.3297	0.0000	No Trend	0.0458	-0.0010	No Trend	0.4110	Same	0.0283	No Trend			
PMKOH	Spring1	STN	0.2062	0.0341	No Trend	1.0000	0.0008	No Trend	0.3656	Same	0.3656	No Trend			
PMKOH	Spring1	BTN	0.2270	0.0525	No Trend	0.1735	0.0469	No Trend	0.9655	Same	0.0631	No Trend			
PMKOH	Spring1	SDIN	0.0589	0.0067	No Trend	0.1945	0.0066	No Trend	0.7095	Same	0.0228	No Trend			
PMKOH	Spring1	BDIN	0.0606	0.0094	No Trend	0.3676	0.0064	No Trend	0.5095	Same	0.0478	No Trend			
PMKOH	Spring1	STP	0.0136	0.0089	No Trend	1.0000	0.0001	No Trend	0.0700	Same	0.0700	No Trend			
PMKOH	Spring1	BTP	0.0047	0.0268	Degrading	0.7782	-0.0047	No Trend	0.0173	Same	0.0546	No Trend			
PMKOH	Spring1	SPO4F	0.4258	0.0000	No Trend	0.0469	-0.0008	No Trend	0.0384	Same	0.3426	No Trend			
PMKOH	Spring1	BPO4F	0.7402	0.0000	No Trend	0.0891	-0.0006	No Trend	0.1209	Same	0.3011	No Trend			
MPNTF	Spring1	STN	0.0020	0.0106	Degrading	0.0173	0.0205	No Trend	0.7467	Same	0.0001	Degrading			
MPNTF	Spring1	BTN	0.5465	-0.0072	No Trend	0.0390	0.0173	No Trend	0.0561	Same	0.3396	No Trend			
MPNTF	Spring1	SDIN	0.3311	0.0041	No Trend	0.0002	0.0158	Degrading	0.0394	Same	0.0006	Degrading			
MPNTF	Spring1	BDIN	0.2528	0.0042	No Trend	0.0022	0.0136	Degrading	0.2085	Same	0.0028	Degrading			
MPNTF	Spring1	STP	0.0216	0.0018	No Trend	0.0990	0.0015	No Trend	0.7058	Same	0.0049	Degrading			
MPNTF	Spring1	BTP	0.0831	0.0015	No Trend	0.6615	0.0006	No Trend	0.3331	Same	0.1132	No Trend			
MPNTF	Spring1	SPO4F	0.4434	0.0000	No Trend	0.0301	-0.0015	No Trend	0.0261	Same	0.2308	No Trend			
MPNTF	Spring1	BPO4F	0.3776	0.0000	No Trend	0.1015	-0.0009	No Trend	0.5340	Same	0.0621	No Trend			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined		Combined	
			Trend	Slope	Trend	Slope	Trend	Slope	Trend	Comparison		Trend	Direction	Trend	Direction
MPNOH	Spring1	STN	0.0219	0.0225	No Trend	0.2545	0.0197	No Trend	0.4313	Same	0.0145	No Trend			
MPNOH	Spring1	BTN	0.5880	0.0167	No Trend	0.4906	-0.0117	No Trend	0.3620	Same	0.9654	No Trend			
MPNOH	Spring1	SDIN	0.0219	0.0100	No Trend	0.0527	0.0120	No Trend	0.8359	Same	0.0025	Degrading			
MPNOH	Spring1	BDIN	0.0254	0.0100	No Trend	0.3472	0.0105	No Trend	0.3172	Same	0.0212	No Trend			
MPNOH	Spring1	STP	0.0003	0.0088	Degrading	0.6770	-0.0009	No Trend	0.0040	Different	0.0222	-			
MPNOH	Spring1	BTP	0.0219	0.0092	No Trend	0.1680	-0.0078	No Trend	0.0080	Different	0.4601	-			
MPNOH	Spring1	SPO4F	0.4877	0.0000	No Trend	0.1029	-0.0006	No Trend	0.0818	Same	0.4482	No Trend			
MPNOH	Spring1	BPO4F	1.0000	0.0000	No Trend	0.1450	-0.0005	No Trend	0.3173	Same	0.2753	No Trend			
YRKMH	Spring1	STN	0.1169	0.0200	No Trend	0.0231	0.0217	No Trend	0.5459	Same	0.0055	Degrading			
YRKMH	Spring1	BTN	0.2062	0.0229	No Trend	0.4166	0.0271	No Trend	0.7781	Same	0.1363	No Trend			
YRKMH	Spring1	SDIN	0.0913	0.0109	No Trend	0.8288	0.0030	No Trend	0.3142	Same	0.1840	No Trend			
YRKMH	Spring1	BDIN	0.3951	0.0055	No Trend	0.5887	0.0043	No Trend	0.8400	Same	0.3126	No Trend			
YRKMH	Spring1	STP	0.0592	0.0030	No Trend	0.7761	0.0004	No Trend	0.2618	Same	0.1241	No Trend			
YRKMH	Spring1	BTP	0.5443	0.0023	No Trend	0.4596	0.0032	No Trend	0.9339	Same	0.3194	No Trend			
YRKMH	Spring1	SPO4F	0.2186	0.0000	No Trend	0.9139	0.0001	No Trend	0.5274	Same	0.4164	No Trend			
YRKMH	Spring1	BPO4F	0.6391	0.0000	No Trend	0.4795	0.0003	No Trend	0.7888	Same	0.3719	No Trend			
YRKPH	Spring1	STN	0.0931	0.0229	No Trend	0.3573	0.0110	No Trend	0.7044	Same	0.0699	No Trend			
YRKPH	Spring1	BTN	0.0268	0.0508	No Trend	0.3304	0.0186	No Trend	0.5461	Same	0.0311	No Trend			
YRKPH	Spring1	SDIN	0.5745	0.0000	No Trend	0.5664	0.0005	No Trend	0.3958	Same	1.0000	No Trend			
YRKPH	Spring1	BDIN	0.3012	0.0013	No Trend	0.6930	0.0009	No Trend	0.7199	Same	0.3240	No Trend			
YRKPH	Spring1	STP	0.0033	0.0025	Degrading	0.8645	0.0002	No Trend	0.0583	Same	0.0319	No Trend			
YRKPH	Spring1	BTP	0.0326	0.0033	No Trend	0.4596	0.0013	No Trend	0.3385	Same	0.0414	No Trend			
YRKPH	Spring1	SPO4F	1.0000	0.0000	No Trend	1.0000	0.0000	No Trend	0.9613	Same	0.9613	No Trend			
YRKPH	Spring1	BPO4F	0.8333	0.0000	No Trend	0.8278	0.0000	No Trend	0.9615	Same	0.7352	No Trend			
RPPTF	Spring1	STN	0.9495	0.0045	No Trend	0.0707	0.0168	No Trend	0.1866	Same	0.1387	No Trend			
RPPTF	Spring1	BTN	0.8990	-0.0085	No Trend	0.2349	0.0110	No Trend	0.2977	Same	0.4231	No Trend			
RPPTF	Spring1	SDIN	0.1452	0.0173	No Trend	0.1342	0.0115	No Trend	0.8414	Same	0.0339	No Trend			
RPPTF	Spring1	BDIN	0.0423	0.0204	No Trend	0.1967	0.0092	No Trend	0.7486	Same	0.0202	No Trend			
RPPTF	Spring1	STP	0.4737	0.0012	No Trend	0.5887	0.0013	No Trend	0.9337	Same	0.3600	No Trend			
RPPTF	Spring1	BTP	0.1071	0.0025	No Trend	0.7456	0.0015	No Trend	0.4074	Same	0.1849	No Trend			
RPPTF	Spring1	SPO4F	0.5992	0.0000	No Trend	0.0371	-0.0003	No Trend	0.0353	Same	0.1395	No Trend			
RPPTF	Spring1	BPO4F	0.8742	0.0000	No Trend	0.2117	-0.0003	No Trend	0.3612	Same	0.2404	No Trend			
RPPMH	Spring1	STN	0.0620	0.0201	No Trend	0.5700	-0.0043	No Trend	0.0919	Same	0.4105	No Trend			
RPPMH	Spring1	BTN	0.2062	0.0208	No Trend	0.7963	-0.0077	No Trend	0.2900	Same	0.5052	No Trend			
RPPMH	Spring1	SDIN	0.9516	0.0000	No Trend	0.7564	0.0007	No Trend	0.7528	Same	0.8749	No Trend			
RPPMH	Spring1	BDIN	0.3968	0.0050	No Trend	0.5700	-0.0041	No Trend	0.3071	Same	0.8751	No Trend			
RPPMH	Spring1	STP	0.1425	0.0011	No Trend	0.4386	0.0004	No Trend	0.7180	Same	0.1176	No Trend			
RPPMH	Spring1	BTP	0.8550	0.0000	No Trend	0.9588	0.0000	No Trend	0.9059	Same	0.8438	No Trend			
RPPMH	Spring1	SPO4F	0.1752	0.0000	No Trend	0.1559	0.0002	No Trend	0.0758	Same	0.3352	No Trend			
RPPMH	Spring1	BPO4F		0.0000		0.0911	0.0002	No Trend	0.0911	Same	0.0911	No Trend			
RPPOH	Spring1	STN	0.5880	0.0167	No Trend	0.0201	0.0318	No Trend	0.1701	Same	0.0311	No Trend			
RPPOH	Spring1	BTN	0.8567	-0.0027	No Trend	0.2782	0.0145	No Trend	0.3272	Same	0.5052	No Trend			
RPPOH	Spring1	SDIN	0.5079	-0.0061	No Trend	0.4386	0.0061	No Trend	0.2900	Same	0.9064	No Trend			
RPPOH	Spring1	BDIN	0.1662	-0.0160	No Trend	0.7177	0.0048	No Trend	0.2244	Same	0.5052	No Trend			
RPPOH	Spring1	STP	0.3346	0.0059	No Trend	0.2554	0.0033	No Trend	0.8720	Same	0.1258	No Trend			
RPPOH	Spring1	BTP	0.0907	0.0054	No Trend	0.8285	0.0008	No Trend	0.3134	Same	0.1833	No Trend			
RPPOH	Spring1	SPO4F	0.1745	0.0000	No Trend	0.6736	0.0000	No Trend	0.7158	Same	0.2747	No Trend			
RPPOH	Spring1	BPO4F	0.2317	0.0000	No Trend	0.6032	-0.0003	No Trend	0.8243	Same	0.2669	No Trend			
CRRMH	Spring1	STN	0.5667	0.0133	No Trend	0.8361	-0.0010	No Trend	0.5858	Same	0.8340	No Trend			
CRRMH	Spring1	BTN	0.1521	0.0200	No Trend	0.9588	0.0005	No Trend	0.4022	Same	0.3568	No Trend			
CRRMH	Spring1	SDIN	0.1621	-0.0046	No Trend	0.2286	0.0038	No Trend	0.0624	Same	1.0000	No Trend			
CRRMH	Spring1	BDIN	0.9419	0.0000	No Trend	0.5283	0.0027	No Trend	0.5581	Same	0.6851	No Trend			
CRRMH	Spring1	STP	0.0442	0.0011	No Trend	0.1163	-0.0005	No Trend	0.0110	Same	0.8696	No Trend			
CRRMH	Spring1	BTP	0.4968	0.0003	No Trend	0.1300	-0.0010	No Trend	0.1036	Same	0.5150	No Trend			
CRRMH	Spring1	SPO4F	0.1752	0.0000	No Trend	0.7763	0.0000	No Trend	0.8701	Same	0.4784	No Trend			
CRRMH	Spring1	BPO4F	0.1640	0.0000	No Trend	0.3158	0.0001	No Trend	0.1194	Same	0.8017	No Trend			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined		Combined	
			P value	'93 Slope	Trend	Direction	P value	'04 Slope	Trend	Direction		Trend	P value	Direction	Trend
APPTF	Spring2	STN	0.0860	-0.0149	No Trend	0.0697	0.0164	No Trend	0.0110	Same	0.9644	No Trend			
APPTF	Spring2	BTN	0.1835	-0.0188	No Trend	0.7660	0.0050	No Trend	0.2416	Same	0.4610	No Trend			
APPTF	Spring2	SDIN	0.5249	0.0042	No Trend	0.8097	-0.0028	No Trend	0.5120	Same	0.7596	No Trend			
APPTF	Spring2	BDIN	0.4103	0.0050	No Trend	0.8564	0.0015	No Trend	0.6310	Same	0.4578	No Trend			
APPTF	Spring2	STP	0.1097	-0.0038	No Trend	0.6087	-0.0013	No Trend	0.4699	Same	0.1368	No Trend			
APPTF	Spring2	BTP	0.1945	-0.0021	No Trend	0.8645	0.0005	No Trend	0.3047	Same	0.4414	No Trend			
APPTF	Spring2	SPO4F	0.1747	-0.0004	No Trend	1.0000	0.0000	No Trend	0.3701	Same	0.3701	No Trend			
APPTF	Spring2	BPO4F	0.0791	-0.0017	No Trend	0.9539	0.0000	No Trend	0.2283	Same	0.2647	No Trend			
JMSTF1	Spring2	STN	0.2054	-0.0142	No Trend	0.1094	-0.0130	No Trend	0.7241	Same	0.0376	No Trend			
JMSTF1	Spring2	BTN	0.1134	-0.0288	No Trend	0.1597	-0.0250	No Trend	1.0000	Same	0.0325	No Trend			
JMSTF1	Spring2	SDIN	0.2054	-0.0146	No Trend	0.5020	0.0081	No Trend	0.1698	Same	0.7241	No Trend			
JMSTF1	Spring2	BDIN	0.1835	-0.0171	No Trend	0.9588	-0.0005	No Trend	0.4007	Same	0.3573	No Trend			
JMSTF1	Spring2	STP	0.4219	-0.0004	No Trend	0.5700	-0.0010	No Trend	0.9054	Same	0.3219	No Trend			
JMSTF1	Spring2	BTP	0.2505	0.0023	No Trend	0.0201	-0.0052	No Trend	0.0102	Same	0.2965	No Trend			
JMSTF1	Spring2	SPO4F	0.2399	-0.0013	No Trend	0.5985	0.0000	No Trend	0.2290	Same	0.6884	No Trend			
JMSTF1	Spring2	BPO4F	0.2567	-0.0004	No Trend	0.7542	0.0000	No Trend	0.3239	Same	0.6219	No Trend			
JMSTF2	Spring2	STN	0.0047	-0.0567	Improving	0.1431	0.0124	No Trend	0.0025	Different	0.3975	-			
JMSTF2	Spring2	BTN	0.0000	-0.1168	Improving	0.5127	0.0108	No Trend	0.0003	Different	0.0082	-			
JMSTF2	Spring2	SDIN	0.0351	-0.0238	No Trend	0.1967	0.0085	No Trend	0.0168	Same	0.6664	No Trend			
JMSTF2	Spring2	BDIN	0.0010	-0.0592	Improving	0.3297	0.0065	No Trend	0.0034	Different	0.1494	-			
JMSTF2	Spring2	STP	0.0001	-0.0119	Improving	0.7963	0.0005	No Trend	0.0059	Different	0.0184	-			
JMSTF2	Spring2	BTP	0.0000	-0.0189	Improving	0.5887	-0.0013	No Trend	0.0107	Same	0.0007	Improving			
JMSTF2	Spring2	SPO4F	0.0000	-0.0108	Improving	1.0000	0.0000	No Trend	0.0068	Different	0.0068	-			
JMSTF2	Spring2	BPO4F	0.0000	-0.0163	Improving	0.5514	-0.0008	No Trend	0.0107	Same	0.0005	Improving			
CHKOH	Spring2	STN	0.0064	-0.0550	Improving	0.9546	-0.0015	No Trend	0.2073	Same	0.1732	No Trend			
CHKOH	Spring2	BTN	0.1289	-0.0540	No Trend	0.1597	-0.0235	No Trend	0.5945	Same	0.0472	No Trend			
CHKOH	Spring2	SDIN	0.8283	-0.0050	No Trend	0.0264	0.0059	No Trend	0.0330	Same	0.0656	No Trend			
CHKOH	Spring2	BDIN	0.8262	-0.0025	No Trend	0.9586	0.0000	No Trend	0.8510	Same	0.9252	No Trend			
CHKOH	Spring2	STP	0.4865	0.0000	No Trend	0.5315	-0.0013	No Trend	0.3579	Same	0.8381	No Trend			
CHKOH	Spring2	BTP	0.5102	0.0033	No Trend	0.0094	-0.0079	Improving	0.0076	Different	0.0467	-			
CHKOH	Spring2	SPO4F	0.1148	0.0000	No Trend	0.7830	0.0000	No Trend	0.7189	Same	0.3821	No Trend			
CHKOH	Spring2	BPO4F	0.0084	-0.0013	Improving	0.3727	-0.0002	No Trend	0.8455	Same	0.0641	No Trend			
JMSOH	Spring2	STN	0.8567	-0.0105	No Trend	0.5887	0.0034	No Trend	0.5733	Same	0.8093	No Trend			
JMSOH	Spring2	BTN	0.1324	0.0300	No Trend	0.2795	-0.0120	No Trend	0.0643	Same	0.8093	No Trend			
JMSOH	Spring2	SDIN	0.2777	-0.0113	No Trend	0.0152	0.0155	No Trend	0.0096	Different	0.2721	-			
JMSOH	Spring2	BDIN	0.6295	-0.0062	No Trend	0.0560	0.0176	No Trend	0.0712	Same	0.2721	No Trend			
JMSOH	Spring2	STP	0.0090	0.0071	Degrading	0.0980	-0.0030	No Trend	0.0028	Different	0.6367	-			
JMSOH	Spring2	BTP	0.0037	0.0150	Degrading	0.0016	-0.0124	Improving	0.0000	Different	0.6374	D85 - I95			
JMSOH	Spring2	SPO4F	0.0652	0.0008	No Trend	0.4997	0.0005	No Trend	0.4942	Same	0.0838	No Trend			
JMSOH	Spring2	BPO4F	0.6549	0.0000	No Trend	0.2769	0.0005	No Trend	0.6011	Same	0.2435	No Trend			
JMSMH	Spring2	STN	0.0047	0.0304	Degrading	0.2782	0.0047	No Trend	0.2900	Same	0.0068	Degrading			
JMSMH	Spring2	BTN	0.0009	0.0350	Degrading	0.4386	0.0069	No Trend	0.1081	Same	0.0054	Degrading			
JMSMH	Spring2	SDIN	0.1846	0.0085	No Trend	0.6791	0.0033	No Trend	0.5560	Same	0.2237	No Trend			
JMSMH	Spring2	BDIN	0.1619	0.0104	No Trend	0.7177	0.0022	No Trend	0.5034	Same	0.2223	No Trend			
JMSMH	Spring2	STP	0.0001	0.0050	Degrading	0.3800	-0.0008	No Trend	0.0014	Different	0.0638	-			
JMSMH	Spring2	BTP	0.0008	0.0050	Degrading	0.8769	0.0003	No Trend	0.0370	Same	0.0203	No Trend			
JMSMH	Spring2	SPO4F	0.0379	0.0015	No Trend	0.5009	0.0005	No Trend	0.4012	Same	0.0602	No Trend			
JMSMH	Spring2	BPO4F	0.0075	0.0015	Degrading	0.3520	0.0005	No Trend	0.3158	Same	0.0144	No Trend			
JMSPH	Spring2	STN	0.7634	0.0031	No Trend	0.7963	0.0005	No Trend	0.9687	Same	0.6664	No Trend			
JMSPH	Spring2	BTN	0.2528	0.0130	No Trend	0.0440	0.0118	No Trend	0.4565	Same	0.0208	No Trend			
JMSPH	Spring2	SDIN	0.3960	0.0047	No Trend	0.6421	0.0019	No Trend	0.8135	Same	0.3454	No Trend			
JMSPH	Spring2	BDIN	0.3235	0.0009	No Trend	0.1967	0.0037	No Trend	0.7514	Same	0.0963	No Trend			
JMSPH	Spring2	STP	0.3329	0.0006	No Trend	0.0884	-0.0010	No Trend	0.0495	Same	0.5297	No Trend			
JMSPH	Spring2	BTP	0.7626	0.0005	No Trend	0.8769	-0.0001	No Trend	0.7239	Same	0.9063	No Trend			
JMSPH	Spring2	SPO4F	1.0000	0.0000	No Trend	0.8764	0.0001	No Trend	0.9042	Same	0.9042	No Trend			
JMSPH	Spring2	BPO4F	0.7049	0.0000	No Trend	0.8356	0.0000	No Trend	0.9043	Same	0.6593	No Trend			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined		Combined	
			Trend	Slope	Trend	Slope	Trend	Slope	Trend	Comparison		Trend	Direction	Trend	Direction
ELIPH	Spring2	STN	0.4192	0.0140	No Trend	0.0152	0.0143	No Trend	0.1636	Same	0.0140	No Trend			
ELIPH	Spring2	BTN	0.3643	0.0150	No Trend	0.0084	0.0175	Degrading	0.1052	Same	0.0064	Degrading			
ELIPH	Spring2	SDIN	0.6390	0.0033	No Trend	0.2349	0.0059	No Trend	0.5395	Same	0.2048	No Trend			
ELIPH	Spring2	BDIN	0.1712	0.0079	No Trend	0.1967	0.0058	No Trend	0.7977	Same	0.0602	No Trend			
ELIPH	Spring2	STP	0.4906	0.0000	No Trend	0.3800	-0.0004	No Trend	0.2478	Same	0.8421	No Trend			
ELIPH	Spring2	BTP	0.0646	0.0019	No Trend	0.8769	0.0001	No Trend	0.2787	Same	0.1855	No Trend			
ELIPH	Spring2	SPO4F	0.5268	0.0000	No Trend	0.4080	0.0003	No Trend	0.2796	Same	0.8413	No Trend			
ELIPH	Spring2	BPO4F	1.0000	0.0000	No Trend	0.1632	0.0008	No Trend	0.2869	Same	0.2514	No Trend			
PMKTF	Spring2	STN	0.2777	0.0067	No Trend	0.0000	0.0412	Degrading	0.0261	Same	0.0002	Degrading			
PMKTF	Spring2	BTN	0.8094	0.0021	No Trend	0.0006	0.0258	Degrading	0.0324	Same	0.0100	Degrading			
PMKTF	Spring2	SDIN	0.0809	0.0100	No Trend	0.0002	0.0233	Degrading	0.1081	Same	0.0001	Degrading			
PMKTF	Spring2	BDIN	0.1471	0.0100	No Trend	0.0353	0.0190	No Trend	0.6192	Same	0.0102	No Trend			
PMKTF	Spring2	STP	0.0326	0.0025	No Trend	0.0049	0.0038	Degrading	0.5172	Same	0.0004	Degrading			
PMKTF	Spring2	BTP	0.0064	0.0039	Degrading	0.0402	0.0034	No Trend	0.6780	Same	0.0007	Degrading			
PMKTF	Spring2	SPO4F	0.0329	-0.0003	No Trend	0.0110	-0.0013	No Trend	0.4504	Same	0.0008	Improving			
PMKTF	Spring2	BPO4F	0.4042	0.0000	No Trend	0.0035	-0.0014	Improving	0.0931	Same	0.0047	Improving			
PMKOH	Spring2	STN	0.0616	0.0408	No Trend	0.9103	0.0020	No Trend	0.2169	Same	0.1617	No Trend			
PMKOH	Spring2	BTN	0.3035	0.0451	No Trend	0.0605	0.0611	No Trend	0.5341	Same	0.0345	No Trend			
PMKOH	Spring2	SDIN	0.0208	0.0115	No Trend	0.1758	0.0072	No Trend	0.5712	Same	0.0096	Degrading			
PMKOH	Spring2	BDIN	0.1016	0.0100	No Trend	0.3304	0.0076	No Trend	0.6865	Same	0.0634	No Trend			
PMKOH	Spring2	STP	0.1012	0.0055	No Trend	0.2798	-0.0022	No Trend	0.0511	Same	0.7087	No Trend			
PMKOH	Spring2	BTP	0.0291	0.0200	No Trend	0.9525	-0.0004	No Trend	0.1066	Same	0.1264	No Trend			
PMKOH	Spring2	SPO4F	0.3717	0.0000	No Trend	0.2540	-0.0006	No Trend	0.1366	Same	0.7782	No Trend			
PMKOH	Spring2	BPO4F	1.0000	0.0000	No Trend	0.2756	-0.0004	No Trend	0.4066	Same	0.3613	No Trend			
MPNTF	Spring2	STN	0.0090	0.0125	Degrading	0.0030	0.0213	Degrading	0.7685	Same	0.0001	Degrading			
MPNTF	Spring2	BTN	0.1846	-0.0173	No Trend	0.0390	0.0200	No Trend	0.0151	Same	0.6642	No Trend			
MPNTF	Spring2	SDIN	0.0389	0.0085	No Trend	0.0004	0.0158	Degrading	0.1810	Same	0.0000	Degrading			
MPNTF	Spring2	BDIN	0.3346	0.0047	No Trend	0.0034	0.0117	Degrading	0.1497	Same	0.0045	Degrading			
MPNTF	Spring2	STP	0.0201	0.0015	No Trend	0.1550	0.0013	No Trend	0.5835	Same	0.0079	Degrading			
MPNTF	Spring2	BTP	0.7117	0.0000	No Trend	0.5127	0.0010	No Trend	0.8641	Same	0.4411	No Trend			
MPNTF	Spring2	SPO4F	0.3126	0.0000	No Trend	0.0038	-0.0020	Improving	0.0032	Different	0.1009	-			
MPNTF	Spring2	BPO4F	0.2459	0.0000	No Trend	0.0369	-0.0018	No Trend	0.4448	Same	0.0175	No Trend			
MPNOH	Spring2	STN	0.0080	0.0254	Degrading	0.0318	0.0278	No Trend	0.7028	Same	0.0006	Degrading			
MPNOH	Spring2	BTN	0.3062	0.0248	No Trend	0.5735	-0.0057	No Trend	0.2416	Same	0.6963	No Trend			
MPNOH	Spring2	SDIN	0.0068	0.0111	Degrading	0.1037	0.0107	No Trend	0.5191	Same	0.0022	Degrading			
MPNOH	Spring2	BDIN	0.0133	0.0100	No Trend	0.3100	0.0104	No Trend	0.3224	Same	0.0134	No Trend			
MPNOH	Spring2	STP	0.0001	0.0079	Degrading	0.4992	0.0024	No Trend	0.0322	Same	0.0017	Degrading			
MPNOH	Spring2	BTP	0.0296	0.0092	No Trend	0.6117	-0.0033	No Trend	0.0579	Same	0.2483	No Trend			
MPNOH	Spring2	SPO4F	0.6523	0.0000	No Trend	0.2522	-0.0005	No Trend	0.2276	Same	0.5886	No Trend			
MPNOH	Spring2	BPO4F	0.6126	0.0000	No Trend	0.3077	-0.0005	No Trend	0.2543	Same	0.7040	No Trend			
YRKMH	Spring2	STN	0.0133	0.0288	No Trend	0.0129	0.0240	No Trend	0.8720	Same	0.0004	Degrading			
YRKMH	Spring2	BTN	0.0620	0.0268	No Trend	0.6260	0.0161	No Trend	0.3545	Same	0.0988	No Trend			
YRKMH	Spring2	SDIN	0.5866	0.0044	No Trend	0.3676	0.0069	No Trend	0.8048	Same	0.2842	No Trend			
YRKMH	Spring2	BDIN	0.4652	0.0033	No Trend	0.4992	0.0077	No Trend	0.9670	Same	0.3015	No Trend			
YRKMH	Spring2	STP	0.0174	0.0037	No Trend	0.8288	-0.0005	No Trend	0.0751	Same	0.1453	No Trend			
YRKMH	Spring2	BTP	0.5423	0.0025	No Trend	0.9139	-0.0003	No Trend	0.5990	Same	0.7159	No Trend			
YRKMH	Spring2	SPO4F	0.2731	0.0000	No Trend	0.6791	0.0002	No Trend	0.7356	Same	0.3111	No Trend			
YRKMH	Spring2	BPO4F	0.1651	0.0000	No Trend	0.4991	0.0003	No Trend	0.7668	Same	0.1622	No Trend			
YRKPH	Spring2	STN	0.0260	0.0287	No Trend	0.1944	0.0086	No Trend	0.6211	Same	0.0135	No Trend			
YRKPH	Spring2	BTN	0.0021	0.0588	Degrading	0.2342	0.0209	No Trend	0.3429	Same	0.0044	Degrading			
YRKPH	Spring2	SDIN	0.4285	0.0023	No Trend	1.0000	0.0000	No Trend	0.5624	Same	0.5624	No Trend			
YRKPH	Spring2	BDIN	0.0606	0.0068	No Trend	0.7177	0.0009	No Trend	0.4010	Same	0.1533	No Trend			
YRKPH	Spring2	STP	0.0002	0.0033	Degrading	0.5887	-0.0002	No Trend	0.0042	Different	0.0409	-			
YRKPH	Spring2	BTP	0.0076	0.0035	Degrading	0.8288	0.0001	No Trend	0.0980	Same	0.0480	No Trend			
YRKPH	Spring2	SPO4F	0.3582	0.0000	No Trend	1.0000	0.0000	No Trend	0.5961	Same	0.5961	No Trend			
YRKPH	Spring2	BPO4F	0.6762	0.0000	No Trend	0.7163	-0.0001	No Trend	0.5665	Same	0.9648	No Trend			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined	
			Trend	P value	'93 Slope	Direction	Trend	P value	'04 Slope	Direction		Trend	P value
RPPTF	Spring2	STN	0.9520	0.0045	No Trend	0.0045	0.0192	Degrading	0.0378	Same	0.0255	No Trend	
RPPTF	Spring2	BTN	0.5465	-0.0156	No Trend	0.0884	0.0163	No Trend	0.0844	Same	0.3882	No Trend	
RPPTF	Spring2	SDIN	0.1662	0.0175	No Trend	0.1967	0.0115	No Trend	0.9687	Same	0.0548	No Trend	
RPPTF	Spring2	BDIN	0.0704	0.0194	No Trend	0.3265	0.0133	No Trend	0.6379	Same	0.0499	No Trend	
RPPTF	Spring2	STP	0.2676	0.0009	No Trend	0.4166	0.0011	No Trend	0.8708	Same	0.1668	No Trend	
RPPTF	Spring2	BTP	0.1429	0.0025	No Trend	0.2129	0.0023	No Trend	0.9354	Same	0.0518	No Trend	
RPPTF	Spring2	SPO4F	0.2490	0.0000	No Trend	0.1045	-0.0003	No Trend	0.0420	Same	0.5163	No Trend	
RPPTF	Spring2	BPO4F	0.6045	0.0000	No Trend	0.1175	-0.0003	No Trend	0.1052	Same	0.3482	No Trend	
RPPMH	Spring2	STN	0.0026	0.0255	Degrading	0.5020	0.0095	No Trend	0.1361	Same	0.0121	No Trend	
RPPMH	Spring2	BTN	0.0021	0.0349	Degrading	0.7177	0.0031	No Trend	0.0778	Same	0.0208	No Trend	
RPPMH	Spring2	SDIN	0.6682	0.0000	No Trend	0.5690	0.0007	No Trend	0.4525	Same	0.9056	No Trend	
RPPMH	Spring2	BDIN	0.5866	0.0047	No Trend	0.7963	-0.0018	No Trend	0.5560	Same	0.8444	No Trend	
RPPMH	Spring2	STP	0.1051	0.0011	No Trend	0.8769	0.0001	No Trend	0.3529	Same	0.2415	No Trend	
RPPMH	Spring2	BTP	0.6227	0.0003	No Trend	0.6421	-0.0006	No Trend	0.4765	Same	1.0000	No Trend	
RPPMH	Spring2	SPO4F	0.1752	0.0000	No Trend	0.4948	0.0001	No Trend	0.2872	Same	0.8000	No Trend	
RPPMH	Spring2	BPO4F		0.0000		0.8327	0.0000	No Trend	0.8327	Same	0.8327	No Trend	
RPPOH	Spring2	STN	0.0470	0.0377	No Trend	0.0045	0.0352	Degrading	0.4105	Same	0.0005	Degrading	
RPPOH	Spring2	BTN	0.2062	0.0292	No Trend	0.1967	0.0376	No Trend	0.9064	Same	0.0655	No Trend	
RPPOH	Spring2	SDIN	0.3985	0.0104	No Trend	0.1094	0.0220	No Trend	0.5303	Same	0.0712	No Trend	
RPPOH	Spring2	BDIN	1.0000	0.0004	No Trend	0.3800	0.0155	No Trend	0.5052	Same	0.5052	No Trend	
RPPOH	Spring2	STP	0.0620	0.0100	No Trend	0.6644	0.0006	No Trend	0.3336	Same	0.1070	No Trend	
RPPOH	Spring2	BTP	0.0901	0.0042	No Trend	0.6649	0.0011	No Trend	0.3967	Same	0.1354	No Trend	
RPPOH	Spring2	SPO4F	0.4671	0.0000	No Trend	0.9579	0.0000	No Trend	0.7152	Same	0.6483	No Trend	
RPPOH	Spring2	BPO4F	0.3071	0.0000	No Trend	0.7136	0.0000	No Trend	0.8194	Same	0.3857	No Trend	
CRRMH	Spring2	STN	0.1593	0.0225	No Trend	0.8288	0.0020	No Trend	0.4488	Same	0.2739	No Trend	
CRRMH	Spring2	BTN	0.2519	0.0168	No Trend	0.8288	0.0021	No Trend	0.5748	Same	0.3648	No Trend	
CRRMH	Spring2	SDIN	0.0220	-0.0061	No Trend	0.3503	0.0012	No Trend	0.0210	Same	0.3361	No Trend	
CRRMH	Spring2	BDIN	0.7734	-0.0013	No Trend	1.0000	0.0000	No Trend	0.8170	Same	0.8170	No Trend	
CRRMH	Spring2	STP	0.2122	0.0008	No Trend	0.1106	-0.0010	No Trend	0.0393	Same	0.7684	No Trend	
CRRMH	Spring2	BTP	0.4616	0.0007	No Trend	0.5315	-0.0004	No Trend	0.3167	Same	0.9335	No Trend	
CRRMH	Spring2	SPO4F	0.1752	0.0000	No Trend	0.1510	-0.0001	No Trend	0.3604	Same	0.0674	No Trend	
CRRMH	Spring2	BPO4F	0.0466	0.0000	No Trend	1.0000	0.0000	No Trend	0.2899	Same	0.2899	No Trend	
APPTF	Summer1	STN	0.0759	-0.0423	No Trend	0.3793	-0.0116	No Trend	0.5796	Same	0.0615	No Trend	
APPTF	Summer1	BTN	0.0854	-0.0346	No Trend	0.1053	-0.0200	No Trend	0.9724	Same	0.0169	No Trend	
APPTF	Summer1	SDIN	0.5997	-0.0044	No Trend	0.1339	-0.0115	No Trend	0.5074	Same	0.1407	No Trend	
APPTF	Summer1	BDIN	0.2730	-0.0083	No Trend	0.1966	-0.0136	No Trend	0.8856	Same	0.0841	No Trend	
APPTF	Summer1	STP	0.9162	0.0000	No Trend	0.4204	-0.0008	No Trend	0.6090	Same	0.4739	No Trend	
APPTF	Summer1	BTP	0.1255	0.0028	No Trend	0.0892	-0.0035	No Trend	0.0203	Same	0.7848	No Trend	
APPTF	Summer1	SPO4F	0.1516	0.0000	No Trend	0.7189	0.0002	No Trend	0.2287	Same	0.5240	No Trend	
APPTF	Summer1	BPO4F	0.0325	-0.0013	No Trend	0.5872	0.0002	No Trend	0.0721	Same	0.3411	No Trend	
JMSTF1	Summer1	STN	0.1593	-0.0311	No Trend	0.1514	-0.0132	No Trend	0.9173	Same	0.0412	No Trend	
JMSTF1	Summer1	BTN	0.5664	-0.0179	No Trend	0.0095	-0.0325	Improving	0.1381	Same	0.0198	No Trend	
JMSTF1	Summer1	SDIN	0.0021	-0.0300	Improving	0.6680	-0.0020	No Trend	0.0727	Same	0.0152	No Trend	
JMSTF1	Summer1	BDIN	0.0015	-0.0354	Improving	0.5356	-0.0050	No Trend	0.0848	Same	0.0083	Improving	
JMSTF1	Summer1	STP	0.0259	0.0037	No Trend	0.1396	-0.0019	No Trend	0.0093	Different	0.7323	-	
JMSTF1	Summer1	BTP	0.0002	0.0078	Degrading	0.0063	-0.0076	Improving	0.0000	Different	0.6831	D85 - I95	
JMSTF1	Summer1	SPO4F	0.2344	-0.0007	No Trend	0.4984	0.0003	No Trend	0.1881	Same	0.7817	No Trend	
JMSTF1	Summer1	BPO4F	0.3439	0.0000	No Trend	0.7517	0.0000	No Trend	0.3804	Same	0.6995	No Trend	
JMSTF2	Summer1	STN	0.0006	-0.0725	Improving	0.2110	0.0217	No Trend	0.0014	Different	0.1929	-	
JMSTF2	Summer1	BTN	0.0000	-0.1390	Improving	0.1053	0.0185	No Trend	0.0000	Different	0.0627	-	
JMSTF2	Summer1	SDIN	0.0041	-0.0318	Improving	0.4179	0.0043	No Trend	0.0111	Same	0.1857	No Trend	
JMSTF2	Summer1	BDIN	0.0000	-0.0683	Improving	0.5356	0.0080	No Trend	0.0015	Different	0.0264	-	
JMSTF2	Summer1	STP	0.0002	-0.0155	Improving	0.7884	0.0005	No Trend	0.0087	Different	0.0269	-	
JMSTF2	Summer1	BTP	0.0000	-0.0227	Improving	0.5915	0.0007	No Trend	0.0012	Different	0.0156	-	
JMSTF2	Summer1	SPO4F	0.0001	-0.0131	Improving	0.3711	-0.0008	No Trend	0.0616	Same	0.0012	Improving	



Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined		Combined	
			P value	'93 Slope	Trend	Direction	P value	'04 Slope	Trend	Direction		Trend	P value	Direction	Trend
JMSTF2	Summer1	BPO4F	0.0000	-0.0191	Improving	0.1921	-0.0008	No Trend	0.0899	Same	0.0002	Improving			
CHKOH	Summer1	STN	0.2220	-0.0438	No Trend	0.4425	-0.0057	No Trend	0.9319	Same	0.1997	No Trend			
CHKOH	Summer1	BTN	0.5071	-0.0350	No Trend	0.4425	-0.0079	No Trend	0.7319	Same	0.3041	No Trend			
CHKOH	Summer1	SDIN	0.5538	0.0000	No Trend	0.6135	0.0000	No Trend	0.4573	Same	0.8526	No Trend			
CHKOH	Summer1	BDIN	0.5135	0.0000	No Trend	0.6276	0.0000	No Trend	0.4513	Same	0.8942	No Trend			
CHKOH	Summer1	STP	0.1594	0.0018	No Trend	0.1946	-0.0018	No Trend	0.0704	Same	0.5844	No Trend			
CHKOH	Summer1	BTP	0.2972	0.0094	No Trend	0.1796	-0.0043	No Trend	0.0882	Same	0.4796	No Trend			
CHKOH	Summer1	SPO4F	0.7165	0.0000	No Trend	0.3633	0.0002	No Trend	0.4535	Same	0.3105	No Trend			
CHKOH	Summer1	BPO4F	0.7822	0.0000	No Trend	0.1894	0.0003	No Trend	0.1688	Same	0.2635	No Trend			
JMSOH	Summer1	STN	0.4324	-0.0050	No Trend	0.8896	0.0011	No Trend	0.5101	Same	0.6522	No Trend			
JMSOH	Summer1	BTN	0.2305	0.0213	No Trend	0.8530	-0.0048	No Trend	0.3323	Same	0.4886	No Trend			
JMSOH	Summer1	SDIN	0.0027	-0.0187	Improving	0.2595	0.0058	No Trend	0.0033	Different	0.1860	-			
JMSOH	Summer1	BDIN	0.0041	-0.0172	Improving	0.3295	0.0027	No Trend	0.0061	Different	0.1760	-			
JMSOH	Summer1	STP	0.0022	0.0058	Degrading	0.3472	0.0009	No Trend	0.1949	Same	0.0064	Degrading			
JMSOH	Summer1	BTP	0.0048	0.0079	Degrading	0.0397	-0.0058	No Trend	0.0006	Different	0.7599	-			
JMSOH	Summer1	SPO4F	0.0316	0.0010	No Trend	0.1933	0.0009	No Trend	0.6794	Same	0.0159	No Trend			
JMSOH	Summer1	BPO4F	0.1324	0.0008	No Trend	0.4999	0.0004	No Trend	0.6292	Same	0.1291	No Trend			
JMSMH	Summer1	STN	0.5988	0.0050	No Trend	0.2872	0.0059	No Trend	0.6372	Same	0.2312	No Trend			
JMSMH	Summer1	BTN	0.0473	0.0163	No Trend	0.2872	0.0093	No Trend	0.6635	Same	0.0355	No Trend			
JMSMH	Summer1	SDIN	0.8145	-0.0006	No Trend	0.4521	0.0050	No Trend	0.4517	Same	0.7215	No Trend			
JMSMH	Summer1	BDIN	0.8594	0.0000	No Trend	0.2149	0.0043	No Trend	0.2707	Same	0.4251	No Trend			
JMSMH	Summer1	STP	0.0012	0.0038	Degrading	0.2831	0.0016	No Trend	0.1941	Same	0.0033	Degrading			
JMSMH	Summer1	BTP	0.0002	0.0050	Degrading	0.9643	0.0001	No Trend	0.0154	Same	0.0127	No Trend			
JMSMH	Summer1	SPO4F	0.0068	0.0025	Degrading	0.2831	0.0008	No Trend	0.3382	Same	0.0093	Degrading			
JMSMH	Summer1	BPO4F	0.0157	0.0023	No Trend	0.0664	0.0009	No Trend	0.8896	Same	0.0028	Degrading			
JMSPH	Summer1	STN	0.7152	0.0015	No Trend	0.1071	0.0067	No Trend	0.3416	Same	0.1351	No Trend			
JMSPH	Summer1	BTN	0.7152	-0.0049	No Trend	0.0466	0.0073	No Trend	0.0776	Same	0.2258	No Trend			
JMSPH	Summer1	SDIN	0.8323	0.0000	No Trend	0.0056	0.0031	Degrading	0.0221	Same	0.0515	No Trend			
JMSPH	Summer1	BDIN	0.9578	0.0000	No Trend	0.3252	0.0022	No Trend	0.4124	Same	0.4946	No Trend			
JMSPH	Summer1	STP	0.7535	0.0001	No Trend	0.4208	0.0004	No Trend	0.7084	Same	0.3953	No Trend			
JMSPH	Summer1	BTP	0.3755	0.0009	No Trend	0.0283	-0.0013	No Trend	0.0229	Same	0.2924	No Trend			
JMSPH	Summer1	SPO4F	0.9161	0.0000	No Trend	0.8930	0.0000	No Trend	0.8376	Same	1.0000	No Trend			
JMSPH	Summer1	BPO4F	0.7938	0.0003	No Trend	0.1793	-0.0006	No Trend	0.2209	Same	0.4145	No Trend			
ELIPH	Summer1	STN	1.0000	0.0040	No Trend	0.4743	0.0094	No Trend	0.5878	Same	0.5391	No Trend			
ELIPH	Summer1	BTN	0.7130	0.0050	No Trend	0.0397	0.0074	No Trend	0.1588	Same	0.0555	No Trend			
ELIPH	Summer1	SDIN	0.9511	-0.0006	No Trend	0.0024	0.0141	Degrading	0.0114	Same	0.0171	No Trend			
ELIPH	Summer1	BDIN	0.8541	0.0023	No Trend	0.1074	0.0060	No Trend	0.2476	Same	0.1484	No Trend			
ELIPH	Summer1	STP	0.7860	0.0000	No Trend	0.7205	0.0001	No Trend	0.9450	Same	0.6289	No Trend			
ELIPH	Summer1	BTP	0.8744	0.0000	No Trend	0.4743	-0.0008	No Trend	0.6825	Same	0.4953	No Trend			
ELIPH	Summer1	SPO4F	0.7469	0.0000	No Trend	0.1797	0.0009	No Trend	0.2033	Same	0.4290	No Trend			
ELIPH	Summer1	BPO4F	0.4892	0.0001	No Trend	0.1797	0.0009	No Trend	0.5839	Same	0.1320	No Trend			
PMKTF	Summer1	STN	0.1907	-0.0109	No Trend	0.0131	0.0250	No Trend	0.0073	Different	0.4899	-			
PMKTF	Summer1	BTN	0.7944	-0.0050	No Trend	0.1949	0.0194	No Trend	0.2743	Same	0.5322	No Trend			
PMKTF	Summer1	SDIN	0.6754	-0.0071	No Trend	0.0515	0.0159	No Trend	0.0829	Same	0.2784	No Trend			
PMKTF	Summer1	BDIN	0.6762	-0.0050	No Trend	0.1216	0.0173	No Trend	0.1489	Same	0.4273	No Trend			
PMKTF	Summer1	STP	0.1543	0.0023	No Trend	0.1623	0.0011	No Trend	0.9705	Same	0.0422	No Trend			
PMKTF	Summer1	BTP	0.0455	0.0050	No Trend	0.7961	-0.0001	No Trend	0.1047	Same	0.2099	No Trend			
PMKTF	Summer1	SPO4F	0.0174	-0.0010	No Trend	0.0478	-0.0010	No Trend	0.9088	Same	0.0020	Improving			
PMKTF	Summer1	BPO4F	0.1239	-0.0008	No Trend	0.0269	-0.0010	No Trend	0.5463	Same	0.0066	Improving			
PMKOH	Summer1	STN	0.0004	0.0300	Degrading	1.0000	0.0005	No Trend	0.0099	Different	0.0099	-			
PMKOH	Summer1	BTN	0.0130	0.0497	No Trend	0.7454	-0.0079	No Trend	0.0463	Same	0.1275	No Trend			
PMKOH	Summer1	SDIN	0.8273	0.0000	No Trend	0.2204	0.0130	No Trend	0.3003	Same	0.5238	No Trend			
PMKOH	Summer1	BDIN	0.6917	-0.0030	No Trend	0.0766	0.0138	No Trend	0.1134	Same	0.3422	No Trend			
PMKOH	Summer1	STP	0.1402	0.0050	No Trend	0.4568	-0.0022	No Trend	0.1120	Same	0.6131	No Trend			
PMKOH	Summer1	BTP	0.2764	0.0104	No Trend	0.6001	-0.0015	No Trend	0.2513	Same	0.7200	No Trend			
PMKOH	Summer1	SPO4F	0.0017	0.0017	Degrading	0.1806	0.0008	No Trend	0.2665	Same	0.0018	Degrading			
PMKOH	Summer1	BPO4F	0.1393	0.0010	No Trend	0.2709	0.0006	No Trend	0.9111	Same	0.0683	No Trend			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined		Combined	
			Trend	P value	'93 Slope	Direction	P value	'04 Slope	Direction	P value		Comparison	Trend	P value	Trend
MPNTF	Summer1	STN	0.0602	-0.0213	No Trend	0.3333	0.0155	No Trend	0.0349	Same	0.3720	No Trend			
MPNTF	Summer1	BTN	0.0929	-0.0133	No Trend	0.6207	0.0050	No Trend	0.1029	Same	0.3279	No Trend			
MPNTF	Summer1	SDIN	0.5311	0.0032	No Trend	0.0515	0.0116	No Trend	0.3481	Same	0.0606	No Trend			
MPNTF	Summer1	BDIN	0.9133	0.0000	No Trend	0.0887	0.0100	No Trend	0.1727	Same	0.2533	No Trend			
MPNTF	Summer1	STP	0.0674	0.0014	No Trend	0.3481	-0.0012	No Trend	0.0473	Same	0.5245	No Trend			
MPNTF	Summer1	BTP	0.6217	0.0009	No Trend	0.4042	-0.0011	No Trend	0.3260	Same	0.8207	No Trend			
MPNTF	Summer1	SPO4F	0.7780	0.0000	No Trend	0.0010	-0.0029	Improving	0.0071	Different	0.0248	-			
MPNTF	Summer1	BPO4F	0.2060	0.0000	No Trend	0.0011	-0.0030	Improving	0.1123	Same	0.0009	Improving			
MPNOH	Summer1	STN	0.0017	0.0300	Degrading	0.0547	0.0159	No Trend	0.2533	Same	0.0002	Degrading			
MPNOH	Summer1	BTN	0.3379	0.0230	No Trend	0.7105	-0.0051	No Trend	0.3173	Same	0.6171	No Trend			
MPNOH	Summer1	SDIN	0.4148	0.0035	No Trend	0.0858	0.0122	No Trend	0.5605	Same	0.0682	No Trend			
MPNOH	Summer1	BDIN	0.8208	-0.0013	No Trend	0.0151	0.0121	No Trend	0.0471	Same	0.1088	No Trend			
MPNOH	Summer1	STP	0.0023	0.0050	Degrading	0.3173	0.0033	No Trend	0.1577	Same	0.0042	Degrading			
MPNOH	Summer1	BTP	0.2769	0.0042	No Trend	0.2943	0.0045	No Trend	1.0000	Same	0.1224	No Trend			
MPNOH	Summer1	SPO4F	0.0123	0.0013	No Trend	0.6892	0.0003	No Trend	0.1510	Same	0.0429	No Trend			
MPNOH	Summer1	BPO4F	0.0130	0.0013	No Trend	0.9601	0.0000	No Trend	0.0993	Same	0.0849	No Trend			
YRKMH	Summer1	STN	0.0299	0.0335	No Trend	0.0953	0.0086	No Trend	0.7351	Same	0.0061	Degrading			
YRKMH	Summer1	BTN	0.0319	0.0275	No Trend	0.3481	0.0092	No Trend	0.4212	Same	0.0290	No Trend			
YRKMH	Summer1	SDIN	0.0713	-0.0054	No Trend	0.0354	0.0146	No Trend	0.0053	Different	1.0000	-			
YRKMH	Summer1	BDIN	0.1900	-0.0030	No Trend	0.0411	0.0137	No Trend	0.0162	Same	0.6538	No Trend			
YRKMH	Summer1	STP	0.0011	0.0067	Degrading	0.3081	-0.0011	No Trend	0.0032	Different	0.1544	-			
YRKMH	Summer1	BTP	0.0070	0.0077	Degrading	0.6107	0.0014	No Trend	0.1671	Same	0.0307	No Trend			
YRKMH	Summer1	SPO4F	0.0011	0.0025	Degrading	0.2652	0.0005	No Trend	0.1917	Same	0.0027	Degrading			
YRKMH	Summer1	BPO4F	0.0013	0.0025	Degrading	0.0025	0.0010	Degrading	0.8016	Same	0.0000	Degrading			
YRKPH	Summer1	STN	0.0311	0.0256	No Trend	0.0657	0.0071	No Trend	0.8448	Same	0.0043	Degrading			
YRKPH	Summer1	BTN	0.0039	0.0441	Degrading	0.2337	0.0111	No Trend	0.2644	Same	0.0041	Degrading			
YRKPH	Summer1	SDIN	1.0000	0.0000	No Trend	0.2675	0.0035	No Trend	0.4340	Same	0.4340	No Trend			
YRKPH	Summer1	BDIN	0.2596	0.0046	No Trend	0.4168	0.0033	No Trend	0.9111	Same	0.1686	No Trend			
YRKPH	Summer1	STP	0.0054	0.0025	Degrading	0.5356	-0.0010	No Trend	0.0189	Same	0.1547	No Trend			
YRKPH	Summer1	BTP	0.0002	0.0038	Degrading	0.7387	-0.0007	No Trend	0.0063	Different	0.0254	-			
YRKPH	Summer1	SPO4F	0.0114	0.0010	No Trend	0.1650	0.0008	No Trend	0.5157	Same	0.0061	Degrading			
YRKPH	Summer1	BPO4F	0.0657	0.0011	No Trend	0.5042	0.0003	No Trend	0.4523	Same	0.0795	No Trend			
RPPTF	Summer1	STN	0.3220	0.0129	No Trend	0.4743	0.0032	No Trend	0.8920	Same	0.2217	No Trend			
RPPTF	Summer1	BTN	0.5664	-0.0074	No Trend	0.4466	-0.0084	No Trend	0.8652	Same	0.3247	No Trend			
RPPTF	Summer1	SDIN	0.0837	0.0221	No Trend	0.7205	-0.0088	No Trend	0.1530	Same	0.3764	No Trend			
RPPTF	Summer1	BDIN	0.0409	0.0200	No Trend	0.5008	-0.0082	No Trend	0.0608	Same	0.3940	No Trend			
RPPTF	Summer1	STP	0.2358	0.0008	No Trend	0.0107	-0.0026	No Trend	0.0059	Different	0.2417	-			
RPPTF	Summer1	BTP	0.1884	0.0020	No Trend	0.1067	-0.0026	No Trend	0.0344	Same	0.7330	No Trend			
RPPTF	Summer1	SPO4F	0.5726	0.0000	No Trend	0.0794	-0.0005	No Trend	0.0687	Same	0.2552	No Trend			
RPPTF	Summer1	BPO4F	0.8328	0.0000	No Trend	0.0431	-0.0007	No Trend	0.0635	Same	0.1204	No Trend			
RPPMH	Summer1	STN	0.0179	0.0215	No Trend	0.7205	-0.0008	No Trend	0.0658	Same	0.1954	No Trend			
RPPMH	Summer1	BTN	0.0003	0.0305	Degrading	0.5606	-0.0031	No Trend	0.0043	Different	0.0486	-			
RPPMH	Summer1	SDIN	0.0052	-0.0075	Improving	0.9641	0.0000	No Trend	0.0718	Same	0.0836	No Trend			
RPPMH	Summer1	BDIN	0.1044	-0.0026	No Trend	0.7205	-0.0007	No Trend	0.4278	Same	0.1788	No Trend			
RPPMH	Summer1	STP	0.0014	0.0021	Degrading	0.0603	-0.0011	No Trend	0.0004	Different	0.5346	-			
RPPMH	Summer1	BTP	0.0661	0.0015	No Trend	0.0318	-0.0014	No Trend	0.0042	Different	0.6542	-			
RPPMH	Summer1	SPO4F	0.4137	0.0000	No Trend	0.8913	0.0000	No Trend	0.6408	Same	0.8320	No Trend			
RPPMH	Summer1	BPO4F	0.1238	0.0000	No Trend	0.3917	-0.0002	No Trend	0.1354	Same	0.9678	No Trend			
RPPOH	Summer1	STN	0.0237	0.0372	No Trend	1.0000	0.0000	No Trend	0.1338	Same	0.1338	No Trend			
RPPOH	Summer1	BTN	0.0005	0.0508	Degrading	0.4208	0.0126	No Trend	0.1049	Same	0.0042	Degrading			
RPPOH	Summer1	SDIN	0.1950	-0.0064	No Trend	0.6775	0.0000	No Trend	0.5743	Same	0.2326	No Trend			
RPPOH	Summer1	BDIN	0.0903	-0.0068	No Trend	0.2426	-0.0005	No Trend	0.8290	Same	0.0438	No Trend			
RPPOH	Summer1	STP	0.0135	0.0050	No Trend	0.1942	-0.0016	No Trend	0.0087	Different	0.5173	-			
RPPOH	Summer1	BTP	0.0024	0.0083	Degrading	0.5356	-0.0020	No Trend	0.0122	Same	0.1151	No Trend			
RPPOH	Summer1	SPO4F	0.6171	0.0000	No Trend	0.2990	-0.0004	No Trend	0.2326	Same	0.4841	No Trend			
RPPOH	Summer1	BPO4F	1.0000	0.0000	No Trend	0.1879	-0.0003	No Trend	0.2110	Same	0.2431	No Trend			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined	
			Trend P value	'93 Slope	Trend	'93 Slope	Trend	'04 Slope	Trend	P value		Trend	Direction
CRRMH	Summer1	STN	0.3916	0.0108	No Trend	0.1363	0.0080	No Trend	0.5453	Same	0.0821	No Trend	
CRRMH	Summer1	BTN	0.0803	0.0250	No Trend	0.0578	-0.0111	No Trend	0.0094	Different	0.6245	-	
CRRMH	Summer1	SDIN	0.0006	-0.0063	Improving	0.5097	0.0000	No Trend	0.0270	Same	0.0021	Improving	
CRRMH	Summer1	BDIN	0.0183	-0.0050	No Trend	0.2814	-0.0013	No Trend	0.5007	Same	0.0184	No Trend	
CRRMH	Summer1	STP	0.0113	0.0013	No Trend	0.5646	0.0005	No Trend	0.2052	Same	0.0327	No Trend	
CRRMH	Summer1	BTP	0.0037	0.0025	Degrading	0.1514	-0.0017	No Trend	0.0025	Different	0.3998	-	
CRRMH	Summer1	SPO4F	0.0828	0.0000	No Trend	0.8060	0.0000	No Trend	0.2935	Same	0.5400	No Trend	
CRRMH	Summer1	BPO4F	0.9315	0.0000	No Trend	0.1759	-0.0003	No Trend	0.2035	Same	0.2681	No Trend	
APPTF	Summer2	STN	0.0704	-0.0468	No Trend	0.1048	-0.0190	No Trend	0.9679	Same	0.0141	No Trend	
APPTF	Summer2	BTN	0.1324	-0.0360	No Trend	0.0836	-0.0331	No Trend	0.8093	Same	0.0196	No Trend	
APPTF	Summer2	SDIN	0.2502	-0.0150	No Trend	0.0495	-0.0163	No Trend	0.5812	Same	0.0245	No Trend	
APPTF	Summer2	BDIN	0.1035	-0.0222	No Trend	0.0153	-0.0252	No Trend	0.5366	Same	0.0034	Improving	
APPTF	Summer2	STP	0.9033	0.0000	No Trend	0.4380	-0.0007	No Trend	0.6366	Same	0.4785	No Trend	
APPTF	Summer2	BTP	0.0432	0.0050	No Trend	0.1967	-0.0026	No Trend	0.0198	Same	0.7223	No Trend	
APPTF	Summer2	SPO4F	0.1627	-0.0007	No Trend	0.8357	0.0003	No Trend	0.2783	Same	0.4456	No Trend	
APPTF	Summer2	BPO4F	0.0603	-0.0011	No Trend	0.6018	0.0003	No Trend	0.1003	Same	0.3999	No Trend	
JMSTF1	Summer2	STN	0.4339	-0.0144	No Trend	0.1300	-0.0193	No Trend	0.5733	Same	0.0911	No Trend	
JMSTF1	Summer2	BTN	0.5880	-0.0188	No Trend	0.0049	-0.0386	Improving	0.0911	Same	0.0126	No Trend	
JMSTF1	Summer2	SDIN	0.0134	-0.0325	No Trend	0.6523	-0.0017	No Trend	0.1617	Same	0.0396	No Trend	
JMSTF1	Summer2	BDIN	0.0096	-0.0385	Improving	0.5733	-0.0048	No Trend	0.1621	Same	0.0264	No Trend	
JMSTF1	Summer2	STP	0.0050	0.0050	Degrading	0.1208	-0.0021	No Trend	0.0024	Different	0.5024	-	
JMSTF1	Summer2	BTP	0.0026	0.0100	Degrading	0.0174	-0.0080	No Trend	0.0001	Different	0.8444	-	
JMSTF1	Summer2	SPO4F	0.1928	-0.0010	No Trend	0.2299	0.0005	No Trend	0.0723	Same	0.9681	No Trend	
JMSTF1	Summer2	BPO4F	0.3100	0.0000	No Trend	0.4345	0.0003	No Trend	0.1975	Same	0.9358	No Trend	
JMSTF2	Summer2	STN	0.0065	-0.0600	Improving	0.1944	0.0265	No Trend	0.0052	Different	0.4108	-	
JMSTF2	Summer2	BTN	0.0001	-0.1204	Improving	0.0660	0.0267	No Trend	0.0001	Different	0.2923	-	
JMSTF2	Summer2	SDIN	0.0094	-0.0350	Improving	0.4305	0.0047	No Trend	0.0184	Same	0.2387	No Trend	
JMSTF2	Summer2	BDIN	0.0004	-0.0652	Improving	0.5733	0.0080	No Trend	0.0058	Different	0.0578	-	
JMSTF2	Summer2	STP	0.0021	-0.0173	Improving	0.8769	0.0011	No Trend	0.0309	Same	0.0544	No Trend	
JMSTF2	Summer2	BTP	0.0005	-0.0232	Improving	0.4386	0.0012	No Trend	0.0044	Different	0.1003	-	
JMSTF2	Summer2	SPO4F	0.0037	-0.0150	Improving	0.5020	-0.0008	No Trend	0.1576	Same	0.0149	No Trend	
JMSTF2	Summer2	BPO4F	0.0019	-0.0191	Improving	0.3770	-0.0005	No Trend	0.1846	Same	0.0071	Improving	
CHKOH	Summer2	STN	0.6644	-0.0325	No Trend	0.9139	-0.0022	No Trend	0.8846	Same	0.7348	No Trend	
CHKOH	Summer2	BTN	1.0000	0.0000	No Trend	0.9139	-0.0009	No Trend	0.8843	Same	0.9613	No Trend	
CHKOH	Summer2	SDIN	0.7604	0.0000	No Trend	0.6251	0.0000	No Trend	0.5328	Same	0.7768	No Trend	
CHKOH	Summer2	BDIN	0.6885	0.0000	No Trend	0.3585	0.0003	No Trend	0.2916	Same	0.5269	No Trend	
CHKOH	Summer2	STP	0.1444	0.0050	No Trend	0.2146	-0.0018	No Trend	0.0743	Same	0.6386	No Trend	
CHKOH	Summer2	BTP	0.1017	0.0100	No Trend	0.2782	-0.0043	No Trend	0.0842	Same	0.8155	No Trend	
CHKOH	Summer2	SPO4F	0.2472	0.0000	No Trend	0.0362	0.0008	No Trend	0.0825	Same	0.0188	No Trend	
CHKOH	Summer2	BPO4F	0.5997	0.0000	No Trend	0.0286	0.0006	No Trend	0.0576	Same	0.0216	No Trend	
JMSOH	Summer2	STN	0.5860	-0.0037	No Trend	0.5020	0.0085	No Trend	0.3662	Same	0.9062	No Trend	
JMSOH	Summer2	BTN	0.3062	0.0195	No Trend	0.7564	0.0030	No Trend	0.6379	Same	0.3465	No Trend	
JMSOH	Summer2	SDIN	0.0173	-0.0150	No Trend	0.1503	0.0064	No Trend	0.0059	Different	0.4577	-	
JMSOH	Summer2	BDIN	0.0047	-0.0165	Improving	0.1680	0.0030	No Trend	0.0024	Different	0.2590	-	
JMSOH	Summer2	STP	0.0180	0.0054	No Trend	0.1967	0.0015	No Trend	0.5554	Same	0.0106	No Trend	
JMSOH	Summer2	BTP	0.0080	0.0090	Degrading	0.3800	-0.0017	No Trend	0.0150	Same	0.2721	No Trend	
JMSOH	Summer2	SPO4F	0.0407	0.0013	No Trend	0.1332	0.0011	No Trend	0.8425	Same	0.0123	No Trend	
JMSOH	Summer2	BPO4F	0.1538	0.0010	No Trend	0.4993	0.0008	No Trend	0.6613	Same	0.1406	No Trend	
JMSMH	Summer2	STN	0.6212	-0.0050	No Trend	0.1944	0.0104	No Trend	0.1695	Same	0.4922	No Trend	
JMSMH	Summer2	BTN	0.2599	0.0100	No Trend	0.0660	0.0164	No Trend	0.4659	Same	0.0287	No Trend	
JMSMH	Summer2	SDIN	0.2563	-0.0033	No Trend	0.0814	0.0120	No Trend	0.0362	Same	0.6611	No Trend	
JMSMH	Summer2	BDIN	0.2840	-0.0036	No Trend	0.0427	0.0065	No Trend	0.0221	Same	0.4100	No Trend	
JMSMH	Summer2	STP	0.0122	0.0033	No Trend	0.2782	0.0018	No Trend	0.4073	Same	0.0129	No Trend	
JMSMH	Summer2	BTP	0.0034	0.0041	Degrading	0.6791	0.0009	No Trend	0.1057	Same	0.0245	No Trend	
JMSMH	Summer2	SPO4F	0.0567	0.0023	No Trend	0.1632	0.0011	No Trend	0.8433	Same	0.0197	No Trend	
JMSMH	Summer2	BPO4F	0.1105	0.0013	No Trend	0.0627	0.0010	No Trend	0.6878	Same	0.0127	No Trend	

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined		Combined	
			Trend	P value	'93 Slope	Direction	Trend	P value	'04 Slope	Direction		Trend	Comparison	Trend	P value
JMSPH	Summer2	STN	0.4339	0.0066	No Trend	0.1627	0.0069	No Trend	0.6101	Same	0.1078	No Trend			
JMSPH	Summer2	BTN	0.9520	-0.0019	No Trend	0.1300	0.0069	No Trend	0.2275	Same	0.2956	No Trend			
JMSPH	Summer2	SDIN	0.7133	0.0000	No Trend	0.0002	0.0052	Degrading	0.0021	Different	0.0115	-			
JMSPH	Summer2	BDIN	0.8080	0.0012	No Trend	0.1342	0.0030	No Trend	0.3450	Same	0.1810	No Trend			
JMSPH	Summer2	STP	1.0000	0.0000	No Trend	0.4386	0.0005	No Trend	0.5560	Same	0.5560	No Trend			
JMSPH	Summer2	BTP	0.2528	0.0010	No Trend	0.0299	-0.0018	No Trend	0.0150	Same	0.3882	No Trend			
JMSPH	Summer2	SPO4F	0.8550	0.0000	No Trend	0.8766	0.0000	No Trend	0.9685	Same	0.7824	No Trend			
JMSPH	Summer2	BPO4F	0.6295	0.0005	No Trend	0.0437	-0.0011	No Trend	0.0595	Same	0.2390	No Trend			
ELIPH	Summer2	STN	1.0000	-0.0005	No Trend	0.7963	0.0040	No Trend	0.8027	Same	0.8677	No Trend			
ELIPH	Summer2	BTN	1.0000	0.0025	No Trend	0.1342	0.0070	No Trend	0.2432	Same	0.2112	No Trend			
ELIPH	Summer2	SDIN	0.8323	0.0025	No Trend	0.0032	0.0162	Degrading	0.0272	Same	0.0110	No Trend			
ELIPH	Summer2	BDIN	1.0000	-0.0013	No Trend	0.3265	0.0056	No Trend	0.4049	Same	0.4535	No Trend			
ELIPH	Summer2	STP	0.8515	0.0000	No Trend	0.7963	0.0000	No Trend	0.9683	Same	0.7203	No Trend			
ELIPH	Summer2	BTP	0.7606	-0.0002	No Trend	0.2782	-0.0013	No Trend	0.5546	Same	0.2875	No Trend			
ELIPH	Summer2	SPO4F	1.0000	0.0000	No Trend	0.3265	0.0013	No Trend	0.4258	Same	0.4735	No Trend			
ELIPH	Summer2	BPO4F	0.7609	0.0003	No Trend	0.6421	0.0006	No Trend	0.9060	Same	0.5548	No Trend			
PMKTF	Summer2	STN	0.3337	-0.0093	No Trend	0.0161	0.0263	No Trend	0.0162	Same	0.3586	No Trend			
PMKTF	Summer2	BTN	0.9520	0.0042	No Trend	0.5919	0.0093	No Trend	0.7882	Same	0.6543	No Trend			
PMKTF	Summer2	SDIN	0.8087	-0.0060	No Trend	0.1176	0.0155	No Trend	0.1858	Same	0.3701	No Trend			
PMKTF	Summer2	BDIN	0.9040	-0.0025	No Trend	0.2286	0.0159	No Trend	0.3272	Same	0.4689	No Trend			
PMKTF	Summer2	STP	0.3607	0.0015	No Trend	0.5257	0.0005	No Trend	0.7920	Same	0.2531	No Trend			
PMKTF	Summer2	BTP	0.0689	0.0081	No Trend	0.3109	-0.0016	No Trend	0.0395	Same	0.5112	No Trend			
PMKTF	Summer2	SPO4F	0.1722	0.0000	No Trend	0.0856	-0.0008	No Trend	0.7889	Same	0.0256	No Trend			
PMKTF	Summer2	BPO4F	0.3376	0.0000	No Trend	0.0892	-0.0007	No Trend	0.5973	Same	0.0527	No Trend			
PMKOH	Summer2	STN	0.0019	0.0300	Degrading	0.8000	-0.0041	No Trend	0.0156	Same	0.0394	No Trend			
PMKOH	Summer2	BTN	0.0190	0.0430	No Trend	0.2543	-0.0136	No Trend	0.0129	Same	0.4074	No Trend			
PMKOH	Summer2	SDIN	0.7011	-0.0004	No Trend	0.1392	0.0156	No Trend	0.1849	Same	0.5074	No Trend			
PMKOH	Summer2	BDIN	0.8400	-0.0019	No Trend	0.0367	0.0173	No Trend	0.0916	Same	0.1895	No Trend			
PMKOH	Summer2	STP	0.0528	0.0058	No Trend	0.7779	-0.0009	No Trend	0.1169	Same	0.2479	No Trend			
PMKOH	Summer2	BTP	0.1835	0.0120	No Trend	0.2600	-0.0029	No Trend	0.0771	Same	0.9329	No Trend			
PMKOH	Summer2	SPO4F	0.0001	0.0025	Degrading	0.1008	0.0011	No Trend	0.1673	Same	0.0001	Degrading			
PMKOH	Summer2	BPO4F	0.0030	0.0021	Degrading	0.1738	0.0010	No Trend	0.3441	Same	0.0026	Degrading			
MPNTF	Summer2	STN	0.0068	-0.0308	Improving	0.8864	0.0118	No Trend	0.0271	Same	0.0428	No Trend			
MPNTF	Summer2	BTN	0.1444	-0.0108	No Trend	0.6682	0.0035	No Trend	0.1547	Same	0.3931	No Trend			
MPNTF	Summer2	SDIN	0.6735	0.0029	No Trend	0.2786	0.0068	No Trend	0.6704	Same	0.2685	No Trend			
MPNTF	Summer2	BDIN	0.7501	0.0008	No Trend	0.3648	0.0048	No Trend	0.6932	Same	0.3573	No Trend			
MPNTF	Summer2	STP	0.2417	0.0013	No Trend	0.1854	-0.0024	No Trend	0.0705	Same	0.9314	No Trend			
MPNTF	Summer2	BTP	0.4801	0.0013	No Trend	0.1176	-0.0031	No Trend	0.0952	Same	0.5387	No Trend			
MPNTF	Summer2	SPO4F	0.7056	0.0000	No Trend	0.0021	-0.0028	Improving	0.0115	Same	0.0554	No Trend			
MPNTF	Summer2	BPO4F	0.4188	0.0000	No Trend	0.0020	-0.0031	Improving	0.0871	Same	0.0040	Improving			
MPNOH	Summer2	STN	0.0004	0.0363	Degrading	0.4751	0.0070	No Trend	0.0258	Same	0.0015	Degrading			
MPNOH	Summer2	BTN	0.2029	0.0324	No Trend	0.3914	-0.0096	No Trend	0.1178	Same	0.6958	No Trend			
MPNOH	Summer2	SDIN	0.6556	0.0010	No Trend	0.1053	0.0126	No Trend	0.4785	Same	0.1430	No Trend			
MPNOH	Summer2	BDIN	0.8400	-0.0013	No Trend	0.0161	0.0122	No Trend	0.0527	Same	0.1168	No Trend			
MPNOH	Summer2	STP	0.0178	0.0050	No Trend	0.7630	-0.0012	No Trend	0.0541	Same	0.1342	No Trend			
MPNOH	Summer2	BTP	0.4454	0.0042	No Trend	0.9042	0.0007	No Trend	0.6306	Same	0.5120	No Trend			
MPNOH	Summer2	SPO4F	0.0012	0.0017	Degrading	0.5873	0.0004	No Trend	0.0563	Same	0.0072	Degrading			
MPNOH	Summer2	BPO4F	0.0012	0.0017	Degrading	0.9042	0.0003	No Trend	0.0324	Same	0.0205	No Trend			
YRKMH	Summer2	STN	0.0363	0.0340	No Trend	0.2786	0.0078	No Trend	0.4847	Same	0.0232	No Trend			
YRKMH	Summer2	BTN	0.0439	0.0373	No Trend	0.6301	0.0071	No Trend	0.3025	Same	0.0804	No Trend			
YRKMH	Summer2	SDIN	0.1242	-0.0050	No Trend	0.0455	0.0148	No Trend	0.0115	Same	0.8862	No Trend			
YRKMH	Summer2	BDIN	0.2496	-0.0030	No Trend	0.0740	0.0137	No Trend	0.0332	Same	0.6701	No Trend			
YRKMH	Summer2	STP	0.0037	0.0071	Degrading	0.3035	-0.0012	No Trend	0.0061	Different	0.2260	-			
YRKMH	Summer2	BTP	0.0058	0.0089	Degrading	0.6653	0.0012	No Trend	0.1365	Same	0.0315	No Trend			
YRKMH	Summer2	SPO4F	0.0002	0.0033	Degrading	0.3855	0.0005	No Trend	0.0707	Same	0.0018	Degrading			
YRKMH	Summer2	BPO4F	0.0014	0.0025	Degrading	0.0034	0.0010	Degrading	0.8336	Same	0.0000	Degrading			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined		Combined	
			Trend	P value	'93 Slope	Direction	Trend	P value	'04 Slope	Direction		Trend	P value	Trend	Direction
YRKPH	Summer2	STN	0.0801	0.0231	No Trend	0.1635	0.0056	No Trend	0.8176	Same	0.0238	No Trend			
YRKPH	Summer2	BTN	0.0378	0.0399	No Trend	0.4473	0.0078	No Trend	0.3573	Same	0.0428	No Trend			
YRKPH	Summer2	SDIN	0.6870	-0.0013	No Trend	0.1809	0.0044	No Trend	0.2064	Same	0.5597	No Trend			
YRKPH	Summer2	BDIN	0.2803	0.0050	No Trend	0.4978	0.0024	No Trend	0.8285	Same	0.2091	No Trend			
YRKPH	Summer2	STP	0.0349	0.0021	No Trend	0.5733	-0.0009	No Trend	0.0606	Same	0.2971	No Trend			
YRKPH	Summer2	BTP	0.0005	0.0040	Degrading	0.6523	-0.0011	No Trend	0.0069	Different	0.0415	-			
YRKPH	Summer2	SPO4F	0.0195	0.0013	No Trend	0.1931	0.0008	No Trend	0.5274	Same	0.0102	No Trend			
YRKPH	Summer2	BPO4F	0.0730	0.0015	No Trend	0.3676	0.0006	No Trend	0.5600	Same	0.0555	No Trend			
RPPTF	Summer2	STN	0.2528	0.0179	No Trend	0.9588	-0.0004	No Trend	0.4105	Same	0.4565	No Trend			
RPPTF	Summer2	BTN	0.6735	-0.0038	No Trend	0.1477	-0.0133	No Trend	0.4328	Same	0.1579	No Trend			
RPPTF	Summer2	SDIN	0.0454	0.0300	No Trend	0.7963	-0.0088	No Trend	0.1252	Same	0.2542	No Trend			
RPPTF	Summer2	BDIN	0.0338	0.0246	No Trend	0.6038	-0.0075	No Trend	0.0697	Same	0.3053	No Trend			
RPPTF	Summer2	STP	0.2924	0.0010	No Trend	0.0045	-0.0033	Improving	0.0038	Different	0.1422	-			
RPPTF	Summer2	BTP	0.1809	0.0023	No Trend	0.0229	-0.0050	No Trend	0.0083	Different	0.4081	-			
RPPTF	Summer2	SPO4F	0.6134	0.0000	No Trend	0.2337	-0.0005	No Trend	0.1858	Same	0.4804	No Trend			
RPPTF	Summer2	BPO4F	0.9331	0.0000	No Trend	0.1776	-0.0006	No Trend	0.2168	Same	0.2898	No Trend			
RPPMH	Summer2	STN	0.2736	0.0090	No Trend	0.3265	-0.0022	No Trend	0.1347	Same	1.0000	No Trend			
RPPMH	Summer2	BTN	0.0157	0.0222	No Trend	0.5349	-0.0044	No Trend	0.0373	Same	0.2546	No Trend			
RPPMH	Summer2	SDIN	0.0087	-0.0056	Improving	0.7950	0.0001	No Trend	0.0642	Same	0.1500	No Trend			
RPPMH	Summer2	BDIN	0.1285	-0.0022	No Trend	0.9588	-0.0002	No Trend	0.3368	Same	0.2981	No Trend			
RPPMH	Summer2	STP	0.0026	0.0025	Degrading	0.2349	-0.0011	No Trend	0.0039	Different	0.2857	-			
RPPMH	Summer2	BTP	0.0721	0.0017	No Trend	0.1632	-0.0011	No Trend	0.0237	Same	0.9052	No Trend			
RPPMH	Summer2	SPO4F	0.4137	0.0000	No Trend	0.7922	0.0000	No Trend	0.8855	Same	0.5325	No Trend			
RPPMH	Summer2	BPO4F	0.1238	0.0000	No Trend	0.8350	0.0000	No Trend	0.3208	Same	0.5275	No Trend			
RPPOH	Summer2	STN	0.1277	0.0273	No Trend	0.2782	-0.0093	No Trend	0.0641	Same	0.8438	No Trend			
RPPOH	Summer2	BTN	0.0023	0.0475	Degrading	0.6421	0.0067	No Trend	0.1091	Same	0.0202	No Trend			
RPPOH	Summer2	SDIN	0.0508	-0.0075	No Trend	0.2351	0.0000	No Trend	0.6819	Same	0.0269	No Trend			
RPPOH	Summer2	BDIN	0.0156	-0.0075	No Trend	0.1000	-0.0006	No Trend	0.7662	Same	0.0044	Improving			
RPPOH	Summer2	STP	0.0446	0.0046	No Trend	0.2782	-0.0017	No Trend	0.0303	Same	0.6087	No Trend			
RPPOH	Summer2	BTP	0.0019	0.0091	Degrading	0.7355	-0.0023	No Trend	0.0184	Same	0.0641	No Trend			
RPPOH	Summer2	SPO4F	0.4936	0.0000	No Trend	0.3476	-0.0005	No Trend	0.2419	Same	0.5585	No Trend			
RPPOH	Summer2	BPO4F	0.8021	0.0000	No Trend	0.3476	-0.0003	No Trend	0.3118	Same	0.4700	No Trend			
CRRMH	Summer2	STN	0.8798	0.0050	No Trend	0.1163	0.0124	No Trend	0.2524	Same	0.1589	No Trend			
CRRMH	Summer2	BTN	0.1104	0.0250	No Trend	0.0342	-0.0146	No Trend	0.0071	Different	0.4170	-			
CRRMH	Summer2	SDIN	0.0048	-0.0050	Improving	0.6787	0.0000	No Trend	0.0684	Same	0.0168	No Trend			
CRRMH	Summer2	BDIN	0.0197	-0.0050	No Trend	0.3463	-0.0013	No Trend	0.4579	Same	0.0260	No Trend			
CRRMH	Summer2	STP	0.0058	0.0017	Degrading	0.1944	0.0013	No Trend	0.4083	Same	0.0049	Degrading			
CRRMH	Summer2	BTP	0.0059	0.0025	Degrading	0.1094	-0.0022	No Trend	0.0025	Different	0.5771	-			
CRRMH	Summer2	SPO4F	0.0828	0.0000	No Trend	0.9121	0.0000	No Trend	0.4154	Same	0.3144	No Trend			
CRRMH	Summer2	BPO4F	0.3879	0.0000	No Trend	0.1599	-0.0004	No Trend	0.0905	Same	0.4367	No Trend			
APPTF	Winter	STN	1.0000	0.0100	No Trend	0.1685	0.0116	No Trend	0.2987	Same	0.2482	No Trend			
APPTF	Winter	BTN	0.9066	0.0175	No Trend	0.7585	0.0055	No Trend	0.8977	Same	0.6997	No Trend			
APPTF	Winter	SDIN	1.0000	-0.0040	No Trend	0.9459	-0.0058	No Trend	1.0000	Same	0.9118	No Trend			
APPTF	Winter	BDIN	0.6366	-0.0142	No Trend	0.8279	-0.0046	No Trend	0.9017	Same	0.6211	No Trend			
APPTF	Winter	STP	0.0799	0.0067	No Trend	0.6119	0.0018	No Trend	0.4855	Same	0.1307	No Trend			
APPTF	Winter	BTP	0.2081	0.0050	No Trend	0.5387	-0.0010	No Trend	0.1854	Same	0.7180	No Trend			
APPTF	Winter	SPO4F	0.0817	-0.0020	No Trend	0.1736	-0.0015	No Trend	0.9098	Same	0.0313	No Trend			
APPTF	Winter	BPO4F	0.1054	-0.0025	No Trend	0.2744	-0.0013	No Trend	0.9059	Same	0.0585	No Trend			
JMSTF1	Winter	STN	0.2518	-0.1080	No Trend	0.2769	0.0399	No Trend	0.1060	Same	0.9081	No Trend			
JMSTF1	Winter	BTN	0.1273	-0.0889	No Trend	0.1685	0.0500	No Trend	0.0419	Same	0.7578	No Trend			
JMSTF1	Winter	SDIN	0.2518	-0.0580	No Trend	0.3775	0.0270	No Trend	0.1503	Same	1.0000	No Trend			
JMSTF1	Winter	BDIN	0.1273	-0.0531	No Trend	0.3086	0.0265	No Trend	0.0884	Same	0.9531	No Trend			
JMSTF1	Winter	STP	0.3291	-0.0060	No Trend	0.9422	0.0008	No Trend	0.4850	Same	0.5606	No Trend			
JMSTF1	Winter	BTP	0.3857	-0.0043	No Trend	0.7170	0.0025	No Trend	0.3849	Same	0.7721	No Trend			
JMSTF1	Winter	SPO4F	0.0142	-0.0075	No Trend	0.0287	-0.0017	No Trend	0.7365	Same	0.0011	Improving			
JMSTF1	Winter	BPO4F	0.0063	-0.0064	Improving	0.0062	-0.0018	Improving	0.5375	Same	0.0001	Improving			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93 '04		'04		Trend	Comparison	Combined	
			Trend	Slope	Trend	Trend	Trend	P value	Trend		P value	Direction
JMSTF2	Winter	STN	0.0440	-0.0563	No Trend	0.9422	-0.0043	No Trend	0.2246	Same	0.1835	No Trend
JMSTF2	Winter	BTN	0.0258	-0.0887	No Trend	0.7972	-0.0043	No Trend	0.2396	Same	0.1116	No Trend
JMSTF2	Winter	SDIN	0.0219	-0.0300	No Trend	0.7343	-0.0025	No Trend	0.2685	Same	0.0969	No Trend
JMSTF2	Winter	BDIN	0.0335	-0.0418	No Trend	0.7170	0.0056	No Trend	0.1381	Same	0.3871	No Trend
JMSTF2	Winter	STP	0.0274	-0.0142	No Trend	0.5142	-0.0032	No Trend	0.3857	Same	0.0563	No Trend
JMSTF2	Winter	BTP	0.0165	-0.0150	No Trend	0.5488	-0.0026	No Trend	0.2248	Same	0.0350	No Trend
JMSTF2	Winter	SPO4F	0.0155	-0.0088	No Trend	0.6331	-0.0008	No Trend	0.2894	Same	0.0658	No Trend
JMSTF2	Winter	BPO4F	0.1773	-0.0079	No Trend	0.5119	-0.0010	No Trend	0.7273	Same	0.1630	No Trend
CHKOH	Winter	STN	0.3865	-0.0675	No Trend	0.4253	-0.0138	No Trend	0.7381	Same	0.2557	No Trend
CHKOH	Winter	BTN	0.4712	-0.2438	No Trend	0.1685	-0.0290	No Trend	0.2979	Same	0.1105	No Trend
CHKOH	Winter	SDIN	0.1190	-0.1050	No Trend	0.3086	-0.0128	No Trend	0.7520	Same	0.1141	No Trend
CHKOH	Winter	BDIN	0.4712	-0.0988	No Trend	0.2485	-0.0133	No Trend	0.3958	Same	0.1701	No Trend
CHKOH	Winter	STP	0.4470	0.0033	No Trend	0.3460	-0.0039	No Trend	0.2228	Same	0.5879	No Trend
CHKOH	Winter	BTP	0.2760	0.0088	No Trend	0.3460	-0.0030	No Trend	0.1782	Same	0.6863	No Trend
CHKOH	Winter	SPO4F	0.8026	0.0000	No Trend	0.1167	-0.0008	No Trend	0.1671	Same	0.1000	No Trend
CHKOH	Winter	BPO4F	1.0000	0.0000	No Trend	0.0394	-0.0008	No Trend	0.0423	Same	0.0575	No Trend
JMSOH	Winter	STN	0.3929	-0.0328	No Trend	0.0314	-0.0370	No Trend	0.2359	Same	0.0210	No Trend
JMSOH	Winter	BTN	0.5066	-0.0462	No Trend	0.0090	-0.0714	Improving	0.0625	Same	0.0078	Improving
JMSOH	Winter	SDIN	0.0710	-0.0504	No Trend	0.0073	-0.0472	Improving	0.2553	Same	0.0010	Improving
JMSOH	Winter	BDIN	0.0842	-0.0454	No Trend	0.0047	-0.0515	Improving	0.1117	Same	0.0007	Improving
JMSOH	Winter	STP	0.6674	0.0029	No Trend	0.0457	-0.0050	No Trend	0.0527	Same	0.1894	No Trend
JMSOH	Winter	BTP	0.1349	0.0152	No Trend	0.0211	-0.0147	No Trend	0.0050	Different	0.3494	-
JMSOH	Winter	SPO4F	0.0389	-0.0025	No Trend	0.0355	-0.0016	No Trend	0.5873	Same	0.0031	Improving
JMSOH	Winter	BPO4F	0.2724	-0.0017	No Trend	0.0811	-0.0013	No Trend	0.4308	Same	0.0339	No Trend
JMSMH	Winter	STN	0.9154	0.0031	No Trend	0.0090	-0.0709	Improving	0.0250	Same	0.0463	No Trend
JMSMH	Winter	BTN	0.3524	0.0194	No Trend	0.2189	-0.0297	No Trend	0.1104	Same	0.5946	No Trend
JMSMH	Winter	SDIN	0.9154	-0.0100	No Trend	0.1243	-0.0566	No Trend	0.2624	Same	0.1708	No Trend
JMSMH	Winter	BDIN	0.6902	0.0084	No Trend	0.2806	-0.0281	No Trend	0.2301	Same	0.5050	No Trend
JMSMH	Winter	STP	0.5891	0.0020	No Trend	0.1431	-0.0027	No Trend	0.1167	Same	0.4147	No Trend
JMSMH	Winter	BTP	0.5912	0.0010	No Trend	0.2820	-0.0038	No Trend	0.2113	Same	0.6171	No Trend
JMSMH	Winter	SPO4F	0.8166	0.0000	No Trend	0.1099	-0.0006	No Trend	0.1237	Same	0.2420	No Trend
JMSMH	Winter	BPO4F	1.0000	0.0000	No Trend	0.7695	-0.0001	No Trend	0.7512	Same	0.8491	No Trend
JMSPH	Winter	STN	0.7124	-0.0134	No Trend	0.1290	-0.0127	No Trend	0.3876	Same	0.1499	No Trend
JMSPH	Winter	BTN	0.8250	0.0028	No Trend	0.2286	-0.0125	No Trend	0.2690	Same	0.4710	No Trend
JMSPH	Winter	SDIN	0.3317	-0.0076	No Trend	0.0430	-0.0154	No Trend	0.3850	Same	0.0264	No Trend
JMSPH	Winter	BDIN	0.5921	0.0000	No Trend	0.4479	-0.0015	No Trend	0.3295	Same	0.8454	No Trend
JMSPH	Winter	STP	0.3007	-0.0010	No Trend	0.3759	-0.0005	No Trend	0.9617	Same	0.1634	No Trend
JMSPH	Winter	BTP	0.4174	-0.0021	No Trend	0.0228	-0.0022	No Trend	0.2493	Same	0.0212	No Trend
JMSPH	Winter	SPO4F	0.4367	0.0000	No Trend	0.0131	-0.0006	No Trend	0.1679	Same	0.0138	No Trend
JMSPH	Winter	BPO4F	0.7531	0.0000	No Trend	0.0006	-0.0007	Improving	0.0155	Same	0.0036	Improving
ELIPH	Winter	STN	0.8485	-0.0040	No Trend	0.8003	-0.0116	No Trend	0.9579	Same	0.7121	No Trend
ELIPH	Winter	BTN	0.0710	-0.0296	No Trend	0.9459	-0.0008	No Trend	0.3309	Same	0.2771	No Trend
ELIPH	Winter	SDIN	0.3879	-0.0203	No Trend	0.8003	-0.0046	No Trend	0.7514	Same	0.4598	No Trend
ELIPH	Winter	BDIN	0.5216	-0.0113	No Trend	0.2549	-0.0068	No Trend	0.5494	Same	0.1737	No Trend
ELIPH	Winter	STP	0.3855	-0.0007	No Trend	0.1290	-0.0012	No Trend	0.4125	Same	0.0714	No Trend
ELIPH	Winter	BTP	0.5019	0.0018	No Trend	0.2549	-0.0015	No Trend	0.1698	Same	0.5975	No Trend
ELIPH	Winter	SPO4F	0.3713	-0.0004	No Trend	0.0156	-0.0006	No Trend	0.1336	Same	0.0101	No Trend
ELIPH	Winter	BPO4F	0.8457	0.0000	No Trend	0.0133	-0.0006	No Trend	0.0255	Same	0.0556	No Trend
PMKTF	Winter	STN	0.8595	0.0036	No Trend	0.0004	0.0339	Degrading	0.0126	Same	0.0045	Degrading
PMKTF	Winter	BTN	0.1349	-0.0255	No Trend	0.0079	0.0347	Degrading	0.0021	Different	0.2850	-
PMKTF	Winter	SDIN	0.5983	-0.0100	No Trend	0.0120	0.0285	No Trend	0.0181	Same	0.1071	No Trend
PMKTF	Winter	BDIN	0.4521	-0.0183	No Trend	0.0553	0.0256	No Trend	0.0388	Same	0.2739	No Trend
PMKTF	Winter	STP	0.6569	0.0023	No Trend	0.2179	0.0019	No Trend	0.5367	Same	0.1964	No Trend
PMKTF	Winter	BTP	0.2831	0.0020	No Trend	0.2021	0.0026	No Trend	0.8583	Same	0.0844	No Trend
PMKTF	Winter	SPO4F	0.4047	0.0000	No Trend	0.5821	-0.0003	No Trend	0.8988	Same	0.3734	No Trend
PMKTF	Winter	BPO4F	0.3827	0.0000	No Trend	0.4066	-0.0002	No Trend	0.6688	Same	0.2539	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		'04		Trend Comparison	Combined		Combined	
			Trend	P value	'93 Slope	Direction	Trend	P value	'04 Slope	Direction		Trend	P value	Trend	Direction
PMKOH	Winter	STN	0.2518	-0.0267	No Trend	0.0556	0.0232	No Trend	0.0250	Same	0.5978	No Trend			
PMKOH	Winter	BTN	0.8604	-0.0100	No Trend	0.4120	0.0378	No Trend	0.3733	Same	0.5710	No Trend			
PMKOH	Winter	SDIN	0.0684	-0.0150	No Trend	0.3387	0.0134	No Trend	0.0498	Same	0.6238	No Trend			
PMKOH	Winter	BDIN	0.3865	-0.0104	No Trend	0.2644	0.0199	No Trend	0.1475	Same	0.5623	No Trend			
PMKOH	Winter	STP	1.0000	0.0000	No Trend	0.5488	0.0020	No Trend	0.6993	Same	0.6066	No Trend			
PMKOH	Winter	BTP	0.5919	0.0035	No Trend	0.9317	0.0034	No Trend	0.7728	Same	0.6650	No Trend			
PMKOH	Winter	SPO4F	0.7656	0.0000	No Trend	0.8075	0.0000	No Trend	1.0000	Same	0.6688	No Trend			
PMKOH	Winter	BPO4F	1.0000	0.0000	No Trend	0.5756	-0.0005	No Trend	0.6106	Same	0.6106	No Trend			
MPNTF	Winter	STN	0.5983	-0.0235	No Trend	0.0030	0.0360	Degrading	0.0073	Different	0.0573	-			
MPNTF	Winter	BTN	1.0000	0.0038	No Trend	0.0098	0.0283	Degrading	0.0333	Same	0.0333	No Trend			
MPNTF	Winter	SDIN	0.3359	-0.0121	No Trend	0.0251	0.0203	No Trend	0.0158	Same	0.2601	No Trend			
MPNTF	Winter	BDIN	1.0000	-0.0010	No Trend	0.0451	0.0171	No Trend	0.0814	Same	0.1066	No Trend			
MPNTF	Winter	STP	0.1228	0.0025	No Trend	0.3775	0.0027	No Trend	0.7858	Same	0.0919	No Trend			
MPNTF	Winter	BTP	0.0998	0.0050	No Trend	0.1243	0.0022	No Trend	0.9042	Same	0.0222	No Trend			
MPNTF	Winter	SPO4F	0.2433	0.0000	No Trend	0.0280	-0.0009	No Trend	0.1275	Same	0.0111	No Trend			
MPNTF	Winter	BPO4F	0.7423	0.0000	No Trend	0.0944	-0.0007	No Trend	0.1970	Same	0.0854	No Trend			
MPNOH	Winter	STN	1.0000	0.0000	No Trend	0.0456	0.0298	No Trend	0.1386	Same	0.1386	No Trend			
MPNOH	Winter	BTN	1.0000	-0.0017	No Trend	0.1037	0.0201	No Trend	0.1489	Same	0.1939	No Trend			
MPNOH	Winter	SDIN	0.3271	-0.0117	No Trend	0.0768	0.0180	No Trend	0.0409	Same	0.4955	No Trend			
MPNOH	Winter	BDIN	1.0000	0.0000	No Trend	0.2303	0.0193	No Trend	0.3332	Same	0.2688	No Trend			
MPNOH	Winter	STP	0.3284	-0.0043	No Trend	0.7681	0.0008	No Trend	0.3640	Same	0.6499	No Trend			
MPNOH	Winter	BTP	0.1948	0.0075	No Trend	0.2021	0.0049	No Trend	0.8474	Same	0.0628	No Trend			
MPNOH	Winter	SPO4F	0.7656	0.0000	No Trend	0.7639	0.0000	No Trend	0.9465	Same	0.6387	No Trend			
MPNOH	Winter	BPO4F	0.5959	0.0000	No Trend	0.4688	-0.0006	No Trend	0.7141	Same	0.3409	No Trend			
YRKMH	Winter	STN	0.5403	-0.0142	No Trend	0.1037	0.0143	No Trend	0.0985	Same	0.5008	No Trend			
YRKMH	Winter	BTN	0.2330	0.0450	No Trend	0.1454	0.0184	No Trend	0.5525	Same	0.0535	No Trend			
YRKMH	Winter	SDIN	0.3798	-0.0108	No Trend	0.7498	0.0058	No Trend	0.3759	Same	0.6795	No Trend			
YRKMH	Winter	BDIN	1.0000	0.0000	No Trend	1.0000	0.0000	No Trend	1.0000	Same	1.0000	No Trend			
YRKMH	Winter	STP	0.0509	0.0050	No Trend	0.8733	0.0006	No Trend	0.2130	Same	0.1382	No Trend			
YRKMH	Winter	BTP	0.0545	0.0075	No Trend	0.5236	0.0024	No Trend	0.4822	Same	0.0845	No Trend			
YRKMH	Winter	SPO4F	0.3498	0.0000	No Trend	0.8245	0.0001	No Trend	0.6733	Same	0.4336	No Trend			
YRKMH	Winter	BPO4F	0.1223	0.0000	No Trend	0.8245	0.0001	No Trend	0.5560	Same	0.3265	No Trend			
YRKPH	Winter	STN	0.2853	-0.0100	No Trend	0.5488	0.0063	No Trend	0.2223	Same	0.7481	No Trend			
YRKPH	Winter	BTN	0.8964	-0.0050	No Trend	0.4408	-0.0057	No Trend	0.6165	Same	0.4313	No Trend			
YRKPH	Winter	SDIN	0.3245	-0.0043	No Trend	0.8733	-0.0006	No Trend	0.5770	Same	0.4204	No Trend			
YRKPH	Winter	BDIN	0.1486	-0.0044	No Trend	0.8725	0.0003	No Trend	0.3378	Same	0.4936	No Trend			
YRKPH	Winter	STP	0.0621	0.0023	No Trend	0.1108	0.0015	No Trend	0.9055	Same	0.0127	No Trend			
YRKPH	Winter	BTP	0.0080	0.0025	Degrading	0.7498	-0.0007	No Trend	0.0476	Same	0.1374	No Trend			
YRKPH	Winter	SPO4F	0.0205	0.0000	No Trend	0.3702	-0.0004	No Trend	0.0543	Same	0.7400	No Trend			
YRKPH	Winter	BPO4F	0.0573	0.0000	No Trend	0.7668	-0.0001	No Trend	0.3002	Same	0.6288	No Trend			
RPPTF	Winter	STN	0.0662	-0.0514	No Trend	0.1404	0.0281	No Trend	0.0179	Same	0.9102	No Trend			
RPPTF	Winter	BTN	0.0034	-0.0910	Improving	0.0553	0.0302	No Trend	0.0012	Different	1.0000	-			
RPPTF	Winter	SDIN	0.9300	0.0058	No Trend	0.0175	0.0260	No Trend	0.0763	Same	0.0469	No Trend			
RPPTF	Winter	BDIN	0.9066	-0.0030	No Trend	0.0251	0.0334	No Trend	0.0397	Same	0.0685	No Trend			
RPPTF	Winter	STP	0.4621	-0.0014	No Trend	0.7498	0.0010	No Trend	0.4336	Same	0.7633	No Trend			
RPPTF	Winter	BTP	0.0302	-0.0100	No Trend	0.3387	0.0034	No Trend	0.0301	Same	0.4954	No Trend			
RPPTF	Winter	SPO4F	0.3355	0.0000	No Trend	0.0035	-0.0012	Improving	0.0444	Same	0.0021	Improving			
RPPTF	Winter	BPO4F	0.1168	0.0000	No Trend	0.0052	-0.0013	Improving	0.1299	Same	0.0011	Improving			
RPPMH	Winter	STN	0.4731	0.0081	No Trend	0.7043	-0.0160	No Trend	0.4279	Same	0.8429	No Trend			
RPPMH	Winter	BTN	0.2688	0.0125	No Trend	0.2549	-0.0205	No Trend	0.1027	Same	0.9235	No Trend			
RPPMH	Winter	SDIN	1.0000	-0.0004	No Trend	0.8003	-0.0032	No Trend	0.8817	Same	0.8041	No Trend			
RPPMH	Winter	BDIN	1.0000	0.0017	No Trend	0.5271	-0.0077	No Trend	0.5971	Same	0.6654	No Trend			
RPPMH	Winter	STP	0.0385	0.0025	No Trend	0.3750	-0.0010	No Trend	0.0386	Same	0.4705	No Trend			
RPPMH	Winter	BTP	0.0346	0.0033	No Trend	0.3759	-0.0014	No Trend	0.0371	Same	0.4672	No Trend			
RPPMH	Winter	SPO4F	0.3378	0.0000	No Trend	0.7481	0.0000	No Trend	0.8615	Same	0.4496	No Trend			
RPPMH	Winter	BPO4F	0.3378	0.0000	No Trend	0.4792	-0.0001	No Trend	0.8613	Same	0.2686	No Trend			

Appendix B - Section I. Continued.

Segment	Season	Parameter	'93		'93		'04		Trend		Combined	
			P value	'93 Slope	Trend	P value	'04 Slope	Trend	Comparison	P value	Trend	
RPOH	Winter	STN	0.1265	-0.0575	No Trend	0.8611	0.0077	No Trend	0.2204	Same	0.3333	No Trend
RPOH	Winter	BTN	0.8943	-0.0180	No Trend	1.0000	0.0102	No Trend	0.8838	Same	0.8838	No Trend
RPOH	Winter	SDIN	0.0684	-0.0400	No Trend	0.1048	0.0409	No Trend	0.0141	Same	0.9069	No Trend
RPOH	Winter	BDIN	0.0842	-0.0447	No Trend	0.0768	0.0370	No Trend	0.0143	Same	0.5192	No Trend
RPOH	Winter	STP	0.0323	0.0050	No Trend	0.3387	-0.0040	No Trend	0.0309	Same	0.4976	No Trend
RPOH	Winter	BTP	0.0188	0.0100	No Trend	0.4253	-0.0050	No Trend	0.0350	Same	0.4062	No Trend
RPOH	Winter	SPO4F	0.7423	0.0000	No Trend	0.1556	-0.0006	No Trend	0.1344	Same	0.2763	No Trend
RPOH	Winter	BPO4F	0.4533	0.0000	No Trend	0.1331	-0.0007	No Trend	0.2499	Same	0.0843	No Trend
CRRMH	Winter	STN	0.0517	0.0300	No Trend	0.5667	0.0080	No Trend	0.3757	Same	0.0658	No Trend
CRRMH	Winter	BTN	0.2911	0.0300	No Trend	0.7025	0.0053	No Trend	0.7671	Same	0.2998	No Trend
CRRMH	Winter	SDIN	0.9209	0.0000	No Trend	0.5240	0.0029	No Trend	0.7717	Same	0.5617	No Trend
CRRMH	Winter	BDIN	0.6318	0.0080	No Trend	0.2877	0.0070	No Trend	0.7365	Same	0.2389	No Trend
CRRMH	Winter	STP	0.1943	0.0025	No Trend	0.8479	0.0004	No Trend	0.4634	Same	0.2571	No Trend
CRRMH	Winter	BTP	0.0391	0.0023	No Trend	0.5667	-0.0004	No Trend	0.0523	Same	0.3155	No Trend
CRRMH	Winter	SPO4F		0.0000		0.8628	0.0000	No Trend	0.8628	Same	0.8628	No Trend
CRRMH	Winter	BPO4F	0.2801	0.0000	No Trend	0.3599	0.0000	No Trend	0.1640	Same	0.8260	No Trend



Appendix B - Section II. Seasonal Kendall Long-term trends in water quality for the Virginia tributaries (1985-2002) and Elizabeth River (1989-2003). Parameters are as follows: STN=Surface total nitrogen, BTN=Bottom total nitrogen, SDIN=Surface dissolved inorganic nitrogen, BDIN=Bottom dissolved inorganic nitrogen, STP=Surface total phosphorus, BTP=Bottom total phosphorus, SPO4F=Surface dissolved inorganic phosphorus, BPO4F=Bottom dissolved inorganic phosphorus, SCHLA=Surface chlorophyll *a*, STSS=Surface total suspended solids, BTSS=Bottom total suspended solids, SEECHE=Secchi depth, BDO=Bottom dissolved oxygen, SSALIN=Surface salinity, BSALIN=Bottom salinity, SWTEMP=Surface water temperature, BWTEMP=Bottom water temperature.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
APPTF	Annual	S	SCHLA	8.36	0.0321	-0.130	30.940	-8.40	No trend	0.4203
APPTF	Annual	S	STSS	0.00	0.6756	0.000	19.500	0.00	No trend	0.2490
APPTF	Annual	B	BTSS	0.00	0.4569	-0.182	27.250	-11.34	No trend	0.1484
APPTF	Annual	S	SECCHI	0.00	0.0068	0.000	0.500	0.00	Unchanged	0.5494
APPTF	Annual	B	BDO	0.00	0.0041	0.032	8.950	7.15	Improving	0.2014
APPTF	Annual	S	SSALINITY	0.00	0.0018	0.000	0.010	0.00	Unchanged	0.7234
APPTF	Annual	B	BSALINITY	0.00	0.0005	0.000	0.010	0.00	Unchanged	0.8130
APPTF	Annual	B	BWTEMP	0.00	0.1363	0.049	19.000	5.16	No trend	0.1803
APPTF	Annual	S	SWTEMP	0.00	0.0639	0.050	19.675	5.08	No trend	0.1457
JMSTF1	Annual	S	SCHLA	7.63	0.4838	0.000	16.560	0.00	No trend	0.4286
JMSTF1	Annual	S	STSS	0.28	0.0029	0.346	19.750	29.80	Degrading	0.4388
JMSTF1	Annual	B	BTSS	0.56	0.0073	1.125	172.000	13.08	Degrading	0.8695
JMSTF1	Annual	S	SECCHI	0.00	0.0000	-0.008	0.600	-27.78	Degrading	0.1205
JMSTF1	Annual	B	BDO	0.00	0.0004	0.033	7.825	8.52	Improving	0.7320
JMSTF1	Annual	S	SSALINITY	0.00	0.0001	0.000	0.010	0.00	Unchanged	0.9923
JMSTF1	Annual	B	BSALINITY	0.00	0.0007	0.000	0.010	0.00	Unchanged	0.9809
JMSTF1	Annual	B	BWTEMP	0.00	0.6095	0.016	18.350	1.71	No trend	0.1733
JMSTF1	Annual	S	SWTEMP	0.00	0.4378	0.020	18.500	2.16	No trend	0.0819
JMSTF2	Annual	S	SCHLA	37.09	0.0003	0.000	3.795	0.00	Unchanged	0.3526
JMSTF2	Annual	S	STSS	18.23	0.6651	0.000	9.000	0.00	No trend	0.2159
JMSTF2	Annual	B	BTSS	3.90	0.2636	0.136	16.250	14.27	No trend	0.1990
JMSTF2	Annual	S	SECCHI	0.00	0.6372	0.000	1.000	0.00	No trend	0.5522
JMSTF2	Annual	B	BDO	0.00	0.0040	0.033	7.750	8.57	Improving	0.1151
JMSTF2	Annual	S	SSALINITY	0.00	0.0009	0.000	0.010	0.00	Unchanged	0.5550
JMSTF2	Annual	B	BSALINITY	0.00	0.0001	0.000	0.010	0.00	Unchanged	0.9339
JMSTF2	Annual	B	BWTEMP	0.00	0.4427	0.023	19.000	2.42	No trend	0.1767
JMSTF2	Annual	S	SWTEMP	0.00	0.9382	0.003	18.775	0.33	No trend	0.4912
CHKOH	Annual	S	SCHLA	1.27	0.0002	-0.467	22.345	-35.49	Improving	0.0271
CHKOH	Annual	S	STSS	0.00	0.4969	0.070	17.500	6.77	No trend	0.6818
CHKOH	Annual	B	BTSS	0.00	0.0061	0.772	27.000	48.62	Degrading	0.6319
CHKOH	Annual	S	SECCHI	0.00	0.0000	-0.007	0.600	-20.24	Degrading	0.6437
CHKOH	Annual	B	BDO	0.00	0.9699	0.000	8.875	0.00	No trend	0.1273
CHKOH	Annual	S	SSALINITY	0.00	0.0016	0.000	0.010	0.00	Unchanged	0.8433
CHKOH	Annual	B	BSALINITY	0.00	0.0013	0.000	0.010	0.00	Unchanged	0.8367
CHKOH	Annual	B	BWTEMP	0.00	0.7326	0.006	15.600	0.64	No trend	0.0606
CHKOH	Annual	S	SWTEMP	0.00	0.8893	0.002	16.000	0.19	No trend	0.0874
JMSOH	Annual	S	SCHLA	6.84	0.1172	-0.078	7.215	-21.66	No trend	0.4064
JMSOH	Annual	S	STSS	1.08	0.0427	-0.357	662.000	-1.08	No trend	0.4157
JMSOH	Annual	B	BTSS	0.00	0.3329	-0.567	290.000	-3.91	No trend	0.4905
JMSOH	Annual	S	SECCHI	0.00	0.4995	0.000	0.525	0.00	No trend	0.6941
JMSOH	Annual	B	BDO	0.00	0.2969	-0.010	8.075	-2.48	No trend	0.5285
JMSOH	Annual	S	SSALINITY	0.00	0.1665	0.015	2.718	10.67	No trend	0.7044
JMSOH	Annual	B	BSALINITY	0.00	0.0857	0.028	3.470	15.89	No trend	0.7665
JMSOH	Annual	B	BWTEMP	0.00	0.8141	0.007	18.475	0.73	No trend	0.0865
JMSOH	Annual	S	SWTEMP	0.00	0.6452	0.012	18.300	1.34	No trend	0.0756
JMSMH	Annual	S	SCHLA	15.56	0.7598	-0.002	4.465	-0.75	No trend	0.0500
JMSMH	Annual	S	STSS	2.04	0.3526	-0.071	15.000	-9.52	No trend	0.7322
JMSMH	Annual	B	BTSS	1.30	0.0014	0.667	142.000	9.39	Degrading	0.3048
JMSMH	Annual	S	SECCHI	0.00	0.5846	0.000	0.950	0.00	No trend	0.7319
JMSMH	Annual	B	BDO	0.00	0.7492	-0.003	7.500	-0.80	No trend	0.0153
JMSMH	Annual	S	SSALINITY	0.00	0.7957	0.020	14.958	2.67	No trend	0.6667
JMSMH	Annual	B	BSALINITY	0.00	0.9604	0.000	18.345	0.00	No trend	0.4357

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
JMSMH	Annual	B	BWTEMP	0.00	0.6861	0.006	19.900	0.60	No trend	0.0902
JMSMH	Annual	S	SWTEMP	0.00	0.9526	0.000	20.125	0.00	No trend	0.1532
JMSPH	Annual	S	SCHLA	9.59	0.0420	0.082	8.188	19.96	No trend	0.0000
JMSPH	Annual	S	STSS	3.29	0.2231	0.056	8.250	13.61	No trend	0.4433
JMSPH	Annual	B	BTSS	0.73	0.2649	-0.115	18.450	-12.46	No trend	0.0020
JMSPH	Annual	S	SECCHI	0.00	0.0000	-0.013	1.300	-19.23	Degrading	0.0944
JMSPH	Annual	B	BDO	0.00	0.0000	0.052	7.625	13.57	Improving	0.5340
JMSPH	Annual	S	SSALINITY	0.00	0.0367	-0.073	21.560	-6.81	No trend	0.8052
JMSPH	Annual	B	BSALINITY	0.00	0.0000	-0.188	24.640	-15.24	Decreasing	0.7696
JMSPH	Annual	B	BWTEMP	0.00	0.0023	0.060	16.950	7.08	Increasing	0.1596
JMSPH	Annual	S	SWTEMP	0.00	0.9104	0.000	17.400	0.00	No trend	0.4509
EBEMH	Annual	S	STN	0.00	0.0115	-0.008	1.040	-12.82	No trend	0.7674
EBEMH	Annual	B	BTN	0.00	0.0012	-0.009	0.855	-16.04	Improving	0.8088
EBEMH	Annual	S	SDIN	0.00	0.0777	-0.006	0.507	-19.16	No trend	0.8657
EBEMH	Annual	B	BDIN	0.00	0.0033	-0.007	0.490	-24.24	Improving	0.8763
EBEMH	Annual	S	STP	0.00	0.0000	-0.002	0.075	-33.29	Improving	0.4290
EBEMH	Annual	B	BTP	0.00	0.0000	-0.002	0.074	-34.95	Improving	0.7268
EBEMH	Annual	S	SPO4F	6.52	0.0001	-0.001	0.044	-22.07	Improving	0.7272
EBEMH	Annual	B	BPO4F	8.11	0.0000	-0.001	0.046	-24.09	Improving	0.8725
EBEMH	Annual	S	SCHLA	1.09	0.3181	-0.079	6.600	-19.24	No trend	0.3409
EBEMH	Annual	S	STSS	0.54	0.0002	-0.260	9.950	-41.81	Improving	0.6391
EBEMH	Annual	B	BTSS	0.00	0.0012	-0.389	12.150	-51.21	Improving	0.9461
EBEMH	Annual	S	SECCHI	0.00	0.0790	0.000	1.000	0.00	No trend	0.3268
EBEMH	Annual	B	BDO	0.00	0.0001	0.072	6.100	18.97	Improving	0.8818
EBEMH	Annual	S	SSALINITY	0.00	0.1847	0.063	16.850	6.01	No trend	0.3802
EBEMH	Annual	B	BSALINITY	0.00	0.6250	-0.017	18.400	-1.47	No trend	0.7235
EBEMH	Annual	B	BWTEMP	0.00	0.0237	0.078	15.900	7.84	No trend	0.0423
EBEMH	Annual	S	SWTEMP	0.00	0.0953	0.047	17.000	4.41	No trend	0.1174
WBEMH	Annual	S	STN	0.00	0.0007	-0.009	0.800	-17.94	Improving	0.9699
WBEMH	Annual	B	BTN	0.00	0.0071	-0.007	0.791	-13.21	Improving	0.7673
WBEMH	Annual	S	SDIN	6.38	0.6562	0.000	0.198	-3.86	No trend	0.9983
WBEMH	Annual	B	BDIN	2.66	0.3390	-0.001	0.257	-8.01	No trend	0.9917
WBEMH	Annual	S	STP	0.00	0.0000	-0.002	0.083	-36.20	Improving	0.7801
WBEMH	Annual	B	BTP	0.00	0.0000	-0.002	0.080	-36.23	Improving	0.5485
WBEMH	Annual	S	SPO4F	14.44	0.0000	-0.001	0.035	-26.50	Improving	0.8712
WBEMH	Annual	B	BPO4F	13.30	0.0000	-0.001	0.033	-32.32	Improving	0.9124
WBEMH	Annual	S	SCHLA	0.00	0.0050	-0.340	23.000	-23.67	Improving	0.1533
WBEMH	Annual	S	STSS	0.00	0.0013	-0.346	20.600	-26.86	Improving	0.2368
WBEMH	Annual	B	BTSS	0.00	0.0018	-0.534	20.500	-41.69	Improving	0.2193
WBEMH	Annual	S	SECCHI	0.00	0.0386	0.000	0.600	0.00	No trend	0.2644
WBEMH	Annual	B	BDO	0.00	0.0050	0.058	6.900	13.49	Improving	0.9100
WBEMH	Annual	S	SSALINITY	0.00	0.2036	0.078	15.900	7.80	No trend	0.7841
WBEMH	Annual	B	BSALINITY	0.00	0.5027	0.035	16.700	3.35	No trend	0.7131
WBEMH	Annual	B	BWTEMP	0.00	0.2128	0.038	16.150	3.76	No trend	0.4966
WBEMH	Annual	S	SWTEMP	0.00	0.1988	0.045	17.000	4.28	No trend	0.3878
SBEMH	Annual	S	STN	0.00	0.0017	-0.012	1.333	-14.69	Improving	0.4409
SBEMH	Annual	B	BTN	0.00	0.3183	-0.003	1.070	-4.11	No trend	0.8519
SBEMH	Annual	S	SDIN	0.00	0.0001	-0.014	0.738	-29.76	Improving	0.7688
SBEMH	Annual	B	BDIN	0.00	0.2121	-0.003	0.586	-8.91	No trend	0.5759
SBEMH	Annual	S	STP	0.00	0.0000	-0.001	0.074	-29.75	Improving	0.6624
SBEMH	Annual	B	BTP	0.00	0.0000	-0.002	0.079	-36.57	Improving	0.8396
SBEMH	Annual	S	SPO4F	2.39	0.0001	-0.001	0.048	-25.73	Improving	0.9791
SBEMH	Annual	B	BPO4F	5.04	0.0000	-0.001	0.048	-33.84	Improving	0.9566
SBEMH	Annual	S	SCHLA	1.89	0.0575	-0.075	4.050	-29.63	No trend	0.6861
SBEMH	Annual	S	STSS	0.81	0.0007	-0.221	8.575	-41.19	Improving	0.7214
SBEMH	Annual	B	BTSS	0.27	0.0000	-0.567	13.075	-69.44	Improving	0.9512
SBEMH	Annual	S	SECCHI	0.00	0.2975	0.005	0.750	9.70	No trend	0.9442
SBEMH	Annual	B	BDO	0.00	0.0002	0.070	5.250	21.33	Improving	0.9365
SBEMH	Annual	S	SSALINITY	0.00	0.0998	0.089	14.750	9.65	No trend	0.8954
SBEMH	Annual	B	BSALINITY	0.00	0.0823	-0.097	18.450	-8.41	No trend	0.9625

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
SBEMH	Annual	B	BWTEMP	0.00	0.0000	0.196	17.100	18.38	Increasing	0.2949
SBEMH	Annual	S	SWTEMP	0.00	0.0013	0.108	18.200	9.52	Increasing	0.1027
ELIPH	Annual	S	SCHLA	9.57	0.4440	0.030	8.630	6.95	No trend	0.1774
ELIPH	Annual	S	STSS	3.36	0.0074	-0.188	8.000	-47.08	Improving	0.6785
ELIPH	Annual	B	BTSS	0.24	0.0367	-0.333	16.000	-41.67	No trend	0.4192
ELIPH	Annual	S	SECCHI	0.00	0.0010	-0.008	1.100	-15.15	Degrading	0.3056
ELIPH	Annual	B	BDO	0.00	0.0174	0.022	6.700	6.49	No trend	0.1675
ELIPH	Annual	S	SSALINITY	0.00	0.0231	-0.113	21.013	-10.79	No trend	0.8711
ELIPH	Annual	B	BSALINITY	0.00	0.0068	-0.085	24.080	-7.08	Decreasing	0.9825
ELIPH	Annual	B	BWTEMP	0.00	0.5032	0.019	17.900	2.16	No trend	0.1080
ELIPH	Annual	S	SWTEMP	0.00	0.1996	0.025	20.000	2.50	No trend	0.0446
PMKTF	Annual	S	SCHLA	33.33	0.0000	-0.033	3.100	-20.97	Improving	0.4751
PMKTF	Annual	S	STSS	1.70	0.1509	0.182	14.000	22.08	No trend	0.7772
PMKTF	Annual	B	BTSS	0.87	0.0263	-0.357	20.500	-29.62	No trend	0.4838
PMKTF	Annual	S	SECCHI	0.00	0.0146	0.000	0.700	0.00	No trend	0.5928
PMKTF	Annual	B	BDO	0.00	0.3081	0.011	6.825	3.35	No trend	0.4583
PMKTF	Annual	S	SSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.9049
PMKTF	Annual	B	BSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.9007
PMKTF	Annual	B	BWTEMP	0.00	0.1135	0.041	19.100	4.30	No trend	0.0872
PMKTF	Annual	S	SWTEMP	0.00	0.1048	0.040	18.000	4.44	No trend	0.0941
PMKOH	Annual	S	SCHLA	14.95	0.4923	0.000	6.383	0.00	No trend	0.8632
PMKOH	Annual	S	STSS	0.38	0.0604	-0.538	48.000	-22.44	No trend	0.9370
PMKOH	Annual	B	BTSS	0.44	0.0657	-2.000	102.000	-33.33	No trend	0.4540
PMKOH	Annual	S	SECCHI	0.00	0.0049	0.000	0.300	0.00	Unchanged	0.9676
PMKOH	Annual	B	BDO	0.00	0.9427	0.000	6.200	0.00	No trend	0.4083
PMKOH	Annual	S	SSALINITY	0.00	0.1213	0.023	3.490	12.89	No trend	0.9370
PMKOH	Annual	B	BSALINITY	0.00	0.1887	0.030	4.310	13.92	No trend	0.8330
PMKOH	Annual	B	BWTEMP	0.00	0.9279	0.000	20.525	0.00	No trend	0.1510
PMKOH	Annual	S	SWTEMP	0.00	0.8635	-0.003	20.550	-0.32	No trend	0.0928
MPNTF	Annual	S	SCHLA	38.81	0.0000	0.000	3.100	0.00	Unchanged	0.8191
MPNTF	Annual	S	STSS	11.34	0.0535	0.100	6.375	26.67	No trend	0.2924
MPNTF	Annual	B	BTSS	6.87	0.4709	0.000	8.250	0.00	No trend	0.1787
MPNTF	Annual	S	SECCHI	0.00	0.0000	-0.017	1.000	-33.33	Degrading	0.1123
MPNTF	Annual	B	BDO	0.00	0.6008	0.005	6.975	1.37	No trend	0.4451
MPNTF	Annual	S	SSALINITY	0.00	0.0005	0.000	0.010	0.00	Unchanged	0.9823
MPNTF	Annual	B	BSALINITY	0.00	0.0005	0.000	0.010	0.00	Unchanged	0.9809
MPNTF	Annual	B	BWTEMP	0.00	0.0310	0.064	18.575	6.87	No trend	0.0969
MPNTF	Annual	S	SWTEMP	0.00	0.0091	0.080	17.500	9.14	Increasing	0.1292
MPNOH	Annual	S	SCHLA	21.40	0.9334	0.000	4.245	0.00	No trend	0.7538
MPNOH	Annual	S	STSS	0.75	0.5482	0.125	26.000	9.62	No trend	0.0358
MPNOH	Annual	B	BTSS	0.44	0.8232	0.125	44.000	5.68	No trend	0.4095
MPNOH	Annual	S	SECCHI	0.00	0.4608	0.000	0.475	0.00	No trend	0.1517
MPNOH	Annual	B	BDO	0.00	0.4134	0.007	6.075	2.47	No trend	0.8907
MPNOH	Annual	S	SSALINITY	0.00	0.0173	0.080	3.380	47.34	No trend	0.7251
MPNOH	Annual	B	BSALINITY	0.00	0.0333	0.086	4.310	40.02	No trend	0.8509
MPNOH	Annual	B	BWTEMP	0.00	0.2275	0.022	20.325	2.19	No trend	0.3798
MPNOH	Annual	S	SWTEMP	0.00	0.1256	0.025	20.500	2.44	No trend	0.4128
YRKMH	Annual	S	SCHLA	5.78	0.0866	0.117	9.590	24.43	No trend	0.6737
YRKMH	Annual	S	STSS	0.00	0.1211	-0.267	27.000	-16.83	No trend	0.6939
YRKMH	Annual	B	BTSS	0.43	0.0054	1.525	39.000	66.47	Degrading	0.5424
YRKMH	Annual	S	SECCHI	0.00	0.1672	0.000	0.600	0.00	No trend	0.3827
YRKMH	Annual	B	BDO	0.00	0.5459	-0.006	6.300	-1.76	No trend	0.7464
YRKMH	Annual	S	SSALINITY	0.00	0.7985	-0.010	12.430	-1.61	No trend	0.5645
YRKMH	Annual	B	BSALINITY	0.00	0.6304	-0.022	13.580	-3.27	No trend	0.5686
YRKMH	Annual	B	BWTEMP	0.00	0.7325	0.006	19.900	0.63	No trend	0.0842
YRKMH	Annual	S	SWTEMP	0.00	0.8299	-0.008	20.050	-0.75	No trend	0.0807
YRKP	Annual	S	SCHLA	7.89	0.0156	0.086	7.998	21.62	No trend	0.0611
YRKP	Annual	S	STSS	7.62	0.4898	0.050	6.000	16.67	No trend	0.7176
YRKP	Annual	B	BTSS	2.15	0.0100	0.500	17.750	47.89	No trend	0.7176
YRKP	Annual	S	SECCHI	0.00	0.0031	-0.010	1.200	-16.67	Degrading	0.1735

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
YRKPH	Annual	B	BDO	0.00	0.0888	-0.025	6.875	-7.27	No trend	0.5396
YRKPH	Annual	S	SSALINITY	0.00	0.0292	-0.075	20.645	-7.27	No trend	0.5308
YRKPH	Annual	B	BSALINITY	0.00	0.7845	-0.009	22.055	-0.78	No trend	0.2263
YRKPH	Annual	B	BWTEMP	0.00	0.4723	-0.018	18.725	-1.92	No trend	0.0766
YRKPH	Annual	S	SWTEMP	0.00	0.3638	-0.017	19.025	-1.81	No trend	0.1488
MOBPH	Annual	S	STN	0.00	0.0000	-0.005	0.482	-19.80	Improving	0.8839
MOBPH	Annual	B	BTN	0.00	0.0000	-0.007	0.521	-25.13	Improving	0.7993
MOBPH	Annual	S	SDIN	96.34	0.0000	-0.001	0.044	-59.43	Improving	0.9673
MOBPH	Annual	B	BDIN	92.01	0.0000	-0.001	0.062	-45.07	Improving	0.9264
MOBPH	Annual	S	STP	18.36	0.5227	0.000	0.028	-2.90	No trend	0.0633
MOBPH	Annual	B	BTP	12.99	0.0643	0.000	0.034	-9.34	No trend	0.8213
MOBPH	Annual	S	SPO4F	86.75	0.0000	0.000	0.010	-42.50	Improving	0.2257
MOBPH	Annual	B	BPO4F	79.38	0.0000	0.000	0.010	-45.00	Improving	0.3308
MOBPH	Annual	S	SCHLA	12.14	0.0844	0.073	5.620	26.14	No trend	0.1072
MOBPH	Annual	S	STSS	3.12	0.0003	-0.215	9.900	-43.43	Improving	0.8680
MOBPH	Annual	B	BTSS	1.52	0.0007	-0.250	15.000	-33.33	Improving	0.3684
MOBPH	Annual	S	SECCHI	0.00	0.0000	-0.017	1.450	-22.99	Degrading	0.4505
MOBPH	Annual	B	BDO	0.00	0.0000	0.062	7.675	16.07	Improving	0.1334
MOBPH	Annual	S	SSALINITY	0.00	0.0041	-0.093	22.215	-8.33	Decreasing	0.9370
MOBPH	Annual	B	BSALINITY	0.00	0.0006	-0.098	22.885	-8.55	Decreasing	0.8463
MOBPH	Annual	B	BWTEMP	0.00	0.2564	0.019	17.625	2.17	No trend	0.8668
MOBPH	Annual	S	SWTEMP	0.00	0.4399	0.017	18.450	1.81	No trend	0.7933
RPPTF	Annual	S	SCHLA	11.75	0.1703	-0.002	12.390	-0.35	No trend	0.7217
RPPTF	Annual	S	STSS	1.17	0.1425	0.167	24.750	11.45	No trend	0.4234
RPPTF	Annual	B	BTSS	1.46	0.5878	0.083	36.750	3.85	No trend	0.2212
RPPTF	Annual	S	SECCHI	0.00	0.1013	0.000	0.500	0.00	No trend	0.7554
RPPTF	Annual	B	BDO	0.00	0.7693	0.002	8.600	0.50	No trend	0.5296
RPPTF	Annual	S	SSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.9791
RPPTF	Annual	B	BSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.9324
RPPTF	Annual	B	BWTEMP	0.00	0.2972	0.026	17.750	2.90	No trend	0.8888
RPPTF	Annual	S	SWTEMP	0.00	0.3722	0.026	16.325	3.18	No trend	0.7761
RPPOH	Annual	S	SCHLA	11.66	0.0000	0.251	5.035	99.75	Degrading	0.0139
RPPOH	Annual	S	STSS	0.43	0.4602	-0.115	31.000	-6.33	No trend	0.8671
RPPOH	Annual	B	BTSS	0.43	0.0505	0.577	39.000	25.15	No trend	0.6131
RPPOH	Annual	S	SECCHI	0.00	0.0831	0.000	0.400	0.00	No trend	0.3163
RPPOH	Annual	B	BDO	0.00	0.0602	0.020	8.650	4.62	No trend	0.2459
RPPOH	Annual	S	SSALINITY	0.00	0.0328	0.000	2.165	0.00	No trend	0.9148
RPPOH	Annual	B	BSALINITY	0.00	0.0883	0.000	2.588	0.00	No trend	0.9312
RPPOH	Annual	B	BWTEMP	0.00	0.3660	0.020	16.400	2.44	No trend	0.5700
RPPOH	Annual	S	SWTEMP	0.00	0.1335	0.033	16.000	4.18	No trend	0.4459
RPPMH	Annual	S	SCHLA	6.52	0.0064	0.097	8.328	23.22	Degrading	0.0809
RPPMH	Annual	S	STSS	12.45	0.2018	-0.067	6.750	-19.86	No trend	0.0658
RPPMH	Annual	B	BTSS	4.18	0.3934	0.078	10.750	14.56	No trend	0.1515
RPPMH	Annual	S	SECCHI	0.00	0.2140	-0.004	1.275	-6.83	No trend	0.0193
RPPMH	Annual	B	BDO	0.00	0.3534	-0.007	7.025	-2.04	No trend	0.9498
RPPMH	Annual	S	SSALINITY	0.00	0.0003	-0.144	15.295	-18.80	Decreasing	0.9877
RPPMH	Annual	B	BSALINITY	0.00	0.0048	-0.094	17.018	-11.05	Decreasing	0.9942
RPPMH	Annual	B	BWTEMP	0.00	0.5119	-0.010	16.225	-1.23	No trend	0.4338
RPPMH	Annual	S	SWTEMP	0.00	0.8587	-0.005	17.900	-0.61	No trend	0.4781
CRRMH	Annual	S	SCHLA	9.72	0.3960	0.012	7.325	3.36	No trend	0.7706
CRRMH	Annual	S	STSS	31.72	0.0003	0.000	5.000	0.00	Unchanged	0.7755
CRRMH	Annual	B	BTSS	22.37	0.0349	0.000	13.500	0.00	No trend	0.5186
CRRMH	Annual	S	SECCHI	0.00	0.0000	-0.018	1.950	-18.32	Degrading	0.4143
CRRMH	Annual	B	BDO	0.00	0.0499	-0.027	7.325	-7.41	No trend	0.6246
CRRMH	Annual	S	SSALINITY	0.00	0.0001	-0.150	16.510	-18.17	Decreasing	0.9128
CRRMH	Annual	B	BSALINITY	0.00	0.0016	-0.100	16.840	-11.88	Decreasing	0.9507
CRRMH	Annual	B	BWTEMP	0.00	0.1185	-0.028	17.825	-3.18	No trend	0.0629
CRRMH	Annual	S	SWTEMP	0.00	0.9309	0.000	18.500	0.00	No trend	0.7502
PIAMH	Annual	S	STN	0.00	0.0000	-0.006	0.562	-22.83	Improving	0.2054
PIAMH	Annual	B	BTN	0.00	0.0000	-0.006	0.589	-21.51	Improving	0.3517

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
PIAMH	Annual	S	SDIN	16.21	0.0000	-0.002	0.050	-88.00	Improving	0.1918
PIAMH	Annual	B	BDIN	10.40	0.0000	-0.002	0.072	-47.39	Improving	0.3235
PIAMH	Annual	S	STP	0.61	0.0702	0.000	0.021	-10.57	No trend	0.1330
PIAMH	Annual	B	BTP	0.00	0.0399	0.000	0.025	-10.77	No trend	0.7798
PIAMH	Annual	S	SPO4F	75.46	0.0000	0.000	0.010	-73.64	Improving	0.9986
PIAMH	Annual	B	BPO4F	71.25	0.0000	0.000	0.010	-75.00	Improving	0.8498
PIAMH	Annual	S	SCHLA	4.62	0.9130	0.005	7.685	1.23	No trend	0.6664
PIAMH	Annual	S	STSS	7.95	0.0014	-0.158	5.750	-55.09	Improving	0.4815
PIAMH	Annual	B	BTSS	3.98	0.0038	-0.171	12.250	-27.85	Improving	0.8019
PIAMH	Annual	S	SECCHI	0.00	0.0000	-0.018	1.800	-20.02	Degrading	0.6295
PIAMH	Annual	B	BDO	0.00	0.0000	0.067	8.275	16.11	Improving	0.9570
PIAMH	Annual	S	SSALINITY	0.00	0.0021	-0.110	18.173	-12.11	Decreasing	0.9744
PIAMH	Annual	B	BSALINITY	0.00	0.0014	-0.097	18.915	-10.26	Decreasing	0.9040
PIAMH	Annual	B	BWTEMP	0.00	0.7234	-0.005	16.875	-0.59	No trend	0.7039
PIAMH	Annual	S	SWTEMP	0.00	0.5488	0.014	17.650	1.57	No trend	0.5959
POCMH	Annual	S	STN	0.00	0.0048	-0.005	0.690	-14.81	Improving	0.4625
POCMH	Annual	B	BTN	0.00	0.0044	-0.004	0.671	-13.15	Improving	0.3921
POCMH	Annual	S	SDIN	84.73	0.0000	-0.002	0.074	-64.53	Improving	0.9136
POCMH	Annual	B	BDIN	85.81	0.0000	-0.002	0.071	-66.20	Improving	0.8816
POCMH	Annual	S	STP	6.90	0.1918	0.000	0.032	-11.93	No trend	0.4270
POCMH	Annual	B	BTP	9.12	0.0480	0.000	0.037	-12.97	No trend	0.0768
POCMH	Annual	S	SPO4F	91.39	0.0000	0.000	0.010	-50.00	Improving	0.8421
POCMH	Annual	B	BPO4F	91.57	0.0000	0.000	0.010	-48.57	Improving	0.9828
POCMH	Annual	S	SCHLA	5.45	0.2546	0.042	8.650	9.83	No trend	0.3484
POCMH	Annual	S	STSS	1.18	0.1146	-0.167	13.500	-24.69	No trend	0.3235
POCMH	Annual	B	BTSS	0.84	0.2019	-0.142	17.150	-16.52	No trend	0.1541
POCMH	Annual	S	SECCHI	0.00	0.0000	-0.013	1.100	-22.73	Degrading	0.0080
POCMH	Annual	B	BDO	0.00	0.0918	0.013	8.100	3.09	No trend	0.4780
POCMH	Annual	S	SSALINITY	0.00	0.0062	-0.083	19.020	-8.73	Decreasing	0.9429
POCMH	Annual	B	BSALINITY	0.00	0.0157	-0.062	18.975	-6.56	No trend	0.9103
POCMH	Annual	B	BWTEMP	0.00	0.5852	0.007	18.700	0.80	No trend	0.9666
POCMH	Annual	S	SWTEMP	0.00	0.3913	0.014	18.800	1.52	No trend	0.9685
CB6PH	Annual	S	STN	0.00	0.0000	-0.005	0.541	-17.19	Improving	0.1533
CB6PH	Annual	B	BTN	0.00	0.0000	-0.007	0.542	-27.21	Improving	0.5090
CB6PH	Annual	S	SDIN	83.49	0.0120	-0.001	0.071	-28.53	No trend	0.7667
CB6PH	Annual	B	BDIN	82.86	0.0099	-0.001	0.102	-25.51	Improving	0.1276
CB6PH	Annual	S	STP	32.56	0.0361	0.000	0.025	-10.15	No trend	0.0055
CB6PH	Annual	B	BTP	12.20	0.0014	0.000	0.038	-16.45	Improving	0.0227
CB6PH	Annual	S	SPO4F	89.34	0.0000	0.000	0.010	-46.73	Improving	0.2712
CB6PH	Annual	B	BPO4F	58.84	0.0000	0.000	0.010	-49.14	Improving	0.0092
CB6PH	Annual	S	SCHLA	11.59	0.9471	0.003	6.843	0.98	No trend	0.0404
CB6PH	Annual	S	STSS	9.12	0.0075	-0.101	7.450	-27.19	Improving	0.3427
CB6PH	Annual	B	BTSS	1.08	0.2178	-0.096	15.000	-12.74	No trend	0.0809
CB6PH	Annual	S	SECCHI	0.00	0.0012	-0.017	2.000	-16.67	Degrading	0.1550
CB6PH	Annual	B	BDO	0.00	0.0008	0.035	7.050	9.97	Improving	0.5794
CB6PH	Annual	S	SSALINITY	0.00	0.0035	-0.085	19.685	-8.62	Decreasing	0.9975
CB6PH	Annual	B	BSALINITY	0.00	0.0058	-0.065	23.413	-5.53	Decreasing	0.8599
CB6PH	Annual	B	BWTEMP	0.00	0.8126	-0.002	16.500	-0.25	No trend	0.9545
CB6PH	Annual	S	SWTEMP	0.00	0.7615	0.005	17.375	0.58	No trend	0.9504
CB7PH	Annual	S	STN	0.00	0.0000	-0.006	0.510	-23.07	Improving	0.0444
CB7PH	Annual	B	BTN	0.00	0.0000	-0.008	0.543	-30.38	Improving	0.0520
CB7PH	Annual	S	SDIN	89.56	0.0020	-0.001	0.060	-26.36	Improving	0.8563
CB7PH	Annual	B	BDIN	89.57	0.0089	-0.001	0.090	-26.04	Improving	0.1699
CB7PH	Annual	S	STP	29.08	0.0003	0.000	0.026	-14.43	Improving	0.4317
CB7PH	Annual	B	BTP	9.25	0.0000	0.000	0.043	-21.89	Improving	0.4151
CB7PH	Annual	S	SPO4F	86.21	0.0000	0.000	0.010	-50.00	Improving	0.3064
CB7PH	Annual	B	BPO4F	60.93	0.0000	0.000	0.011	-54.35	Improving	0.9530
CB7PH	Annual	S	SCHLA	17.69	0.2436	0.032	5.099	12.62	No trend	0.0264
CB7PH	Annual	S	STSS	8.57	0.0061	-0.100	7.000	-28.57	Improving	0.8196
CB7PH	Annual	B	BTSS	1.32	0.0673	-0.157	15.000	-20.97	No trend	0.1348

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
CB7PH	Annual	S	SECCHI	0.00	0.0024	-0.017	2.100	-15.87	Degrading	0.0230
CB7PH	Annual	B	BDO	0.00	0.0011	0.033	7.700	8.66	Improving	0.7085
CB7PH	Annual	S	SSALINITY	0.00	0.0425	-0.064	20.818	-6.14	No trend	0.9917
CB7PH	Annual	B	BSALINITY	0.00	0.4151	-0.019	24.433	-1.53	No trend	0.8406
CB7PH	Annual	B	BWTEMP	0.00	0.8495	-0.002	16.000	-0.20	No trend	0.7905
CB7PH	Annual	S	SWTEMP	0.00	0.4593	0.010	16.325	1.23	No trend	0.9666
CB8PH	Annual	S	STN	0.00	0.0035	-0.003	0.493	-12.98	Improving	0.8239
CB8PH	Annual	B	BTN	0.11	0.0019	-0.004	0.495	-15.28	Improving	0.8089
CB8PH	Annual	S	SDIN	95.56	0.2735	0.000	0.045	-7.26	No trend	0.0248
CB8PH	Annual	B	BDIN	99.39	0.3671	0.000	0.042	-7.04	No trend	0.7652
CB8PH	Annual	S	STP	22.29	0.0000	-0.001	0.041	-32.12	Improving	0.5840
CB8PH	Annual	B	BTP	5.52	0.0000	-0.001	0.053	-28.75	Improving	0.9554
CB8PH	Annual	S	SPO4F	68.55	0.0000	0.000	0.014	-67.25	Improving	0.7645
CB8PH	Annual	B	BPO4F	41.41	0.0000	-0.001	0.019	-51.95	Improving	0.9517
CB8PH	Annual	S	SCHLA	23.23	0.0526	0.068	4.478	30.21	No trend	0.0108
CB8PH	Annual	S	STSS	7.98	0.0237	0.082	6.525	25.08	No trend	0.7105
CB8PH	Annual	B	BTSS	1.02	0.4038	0.049	11.725	8.36	No trend	0.6519
CB8PH	Annual	S	SECCHI	0.00	0.0001	-0.025	2.025	-24.69	Degrading	0.5549
CB8PH	Annual	B	BDO	0.00	0.0000	0.033	7.700	8.51	Improving	0.4824
CB8PH	Annual	S	SSALINITY	0.00	0.0004	-0.118	25.525	-9.22	Decreasing	0.9300
CB8PH	Annual	B	BSALINITY	0.00	0.0006	-0.057	29.920	-3.80	Decreasing	0.9410
CB8PH	Annual	B	BWTEMP	0.00	0.5079	0.013	15.625	1.60	No trend	0.4103
CB8PH	Annual	S	SWTEMP	0.00	0.5712	0.009	15.925	1.12	No trend	0.3304
APPTF	Fall	S	SCHLA	10.61	0.0476	-0.169	8.090	-41.80	No trend	0.4753
APPTF	Fall	S	STSS	0.00	0.8201	-0.036	15.000	-4.05	No trend	0.9034
APPTF	Fall	B	BTSS	0.00	0.1179	-0.608	23.000	-44.92	No trend	0.9391
APPTF	Fall	S	SECCHI	0.00	0.5271	0.000	0.500	0.00	No trend	0.8913
APPTF	Fall	B	BDO	0.00	0.0081	0.079	8.225	19.25	Improving	0.3570
APPTF	Fall	S	SSALINITY	0.00	0.0119	0.000	0.010	0.00	No trend	0.6762
APPTF	Fall	B	BSALINITY	0.00	0.0119	0.000	0.010	0.00	No trend	0.6762
APPTF	Fall	B	BWTEMP	0.00	0.2946	-0.062	12.250	-10.12	No trend	0.1444
APPTF	Fall	S	SWTEMP	0.00	0.2009	-0.081	12.250	-13.26	No trend	0.1728
JMSTF1	Fall	S	SCHLA	9.63	0.1140	-0.178	11.270	-31.63	No trend	0.4755
JMSTF1	Fall	S	STSS	0.61	0.4480	0.194	20.750	15.87	No trend	0.7813
JMSTF1	Fall	B	BTSS	0.60	0.1107	1.343	172.000	15.61	No trend	0.6590
JMSTF1	Fall	S	SECCHI	0.00	0.0128	-0.004	0.525	-14.65	No trend	0.8150
JMSTF1	Fall	B	BDO	0.00	0.0318	0.054	8.800	12.18	No trend	0.4697
JMSTF1	Fall	S	SSALINITY	0.00	0.0275	0.000	0.010	0.00	No trend	0.9677
JMSTF1	Fall	B	BSALINITY	0.00	0.0347	0.000	0.010	0.00	No trend	0.9534
JMSTF1	Fall	B	BWTEMP	0.00	0.1565	-0.076	12.500	-12.14	No trend	0.2860
JMSTF1	Fall	S	SWTEMP	0.00	0.0950	-0.095	12.625	-15.05	No trend	0.2349
JMSTF2	Fall	S	SCHLA	44.57	0.0000	0.000	3.100	0.00	Unchanged	0.6339
JMSTF2	Fall	S	STSS	33.94	0.7199	0.000	2.500	0.00	No trend	0.5177
JMSTF2	Fall	B	BTSS	10.91	0.2907	0.187	8.875	35.73	No trend	0.1348
JMSTF2	Fall	S	SECCHI	0.00	0.2217	0.015	0.900	33.33	No trend	0.6091
JMSTF2	Fall	B	BDO	0.00	0.1059	0.044	10.200	8.56	No trend	0.2518
JMSTF2	Fall	S	SSALINITY	0.00	0.1111	0.000	0.010	0.00	No trend	0.7077
JMSTF2	Fall	B	BSALINITY	0.00	0.0499	0.000	0.010	0.00	No trend	0.9711
JMSTF2	Fall	B	BWTEMP	0.00	0.1297	-0.112	11.750	-18.99	No trend	0.2289
JMSTF2	Fall	S	SWTEMP	0.00	0.0775	-0.124	11.750	-21.03	No trend	0.5003
CHKOH	Fall	S	SCHLA	1.89	0.0001	-1.069	22.345	-81.36	Improving	0.5357
CHKOH	Fall	S	STSS	0.00	0.6578	0.132	14.000	16.02	No trend	0.6304
CHKOH	Fall	B	BTSS	0.00	0.0490	0.882	16.250	92.26	No trend	0.9555
CHKOH	Fall	S	SECCHI	0.00	0.0711	0.000	0.650	0.00	No trend	0.5464
CHKOH	Fall	B	BDO	0.00	0.0491	-0.050	10.200	-8.33	No trend	0.6528
CHKOH	Fall	S	SSALINITY	0.00	0.7653	0.000	0.805	0.00	No trend	0.9382
CHKOH	Fall	B	BSALINITY	0.00	0.7464	0.000	0.805	0.00	No trend	0.9265
CHKOH	Fall	B	BWTEMP	0.00	0.2606	-0.100	13.500	-12.59	No trend	0.1447
CHKOH	Fall	S	SWTEMP	0.00	0.1632	-0.110	13.700	-13.71	No trend	0.1882
JMSOH	Fall	S	SCHLA	7.69	0.0072	-0.259	3.185	-162.74	Improving	0.2873

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
JMSOH	Fall	S	STSS	3.57	0.5838	-0.095	662.000	-0.29	No trend	0.7360
JMSOH	Fall	B	BTSS	0.00	0.3919	0.792	290.000	5.46	No trend	0.0632
JMSOH	Fall	S	SECCHI	0.00	0.6017	0.000	0.525	0.00	No trend	0.8301
JMSOH	Fall	B	BDO	0.00	0.1349	0.033	8.400	7.94	No trend	0.9849
JMSOH	Fall	S	SSALINITY	0.00	0.2881	0.107	3.195	66.99	No trend	0.5020
JMSOH	Fall	B	BSALINITY	0.00	0.1684	0.135	3.725	72.71	No trend	0.4487
JMSOH	Fall	B	BWTEMP	0.00	0.0290	-0.101	12.825	-15.79	No trend	0.1875
JMSOH	Fall	S	SWTEMP	0.00	0.0320	-0.112	12.700	-17.63	No trend	0.1853
JMSMH	Fall	S	SCHLA	25.95	0.2401	-0.045	3.100	-29.14	No trend	0.4308
JMSMH	Fall	S	STSS	7.76	0.4300	-0.100	14.000	-14.29	No trend	0.4872
JMSMH	Fall	B	BTSS	3.60	0.1855	0.309	142.000	4.35	No trend	0.0565
JMSMH	Fall	S	SECCHI	0.00	0.9842	0.000	1.300	0.00	No trend	0.8985
JMSMH	Fall	B	BDO	0.00	0.0035	0.073	7.250	20.09	Improving	0.5421
JMSMH	Fall	S	SSALINITY	0.00	0.3863	0.113	15.340	14.78	No trend	0.6014
JMSMH	Fall	B	BSALINITY	0.00	0.5863	0.044	17.885	4.92	No trend	0.7529
JMSMH	Fall	B	BWTEMP	0.00	0.0204	-0.118	15.700	-14.99	No trend	0.5857
JMSMH	Fall	S	SWTEMP	0.00	0.0379	-0.128	15.400	-16.59	No trend	0.5090
JMSPH	Fall	S	SCHLA	23.20	0.0181	0.119	2.325	102.42	No trend	0.6955
JMSPH	Fall	S	STSS	12.17	0.8512	0.008	5.775	2.60	No trend	0.6495
JMSPH	Fall	B	BTSS	2.63	0.0007	-0.443	22.875	-38.75	Improving	0.1833
JMSPH	Fall	S	SECCHI	0.00	0.2069	-0.009	1.850	-9.57	No trend	0.1364
JMSPH	Fall	B	BDO	0.00	0.0001	0.075	7.550	19.87	Improving	0.8099
JMSPH	Fall	S	SSALINITY	0.00	0.4650	-0.067	22.660	-5.89	No trend	0.8423
JMSPH	Fall	B	BSALINITY	0.00	0.0561	-0.124	24.258	-10.19	No trend	0.9231
JMSPH	Fall	B	BWTEMP	0.00	0.1598	-0.065	14.275	-9.06	No trend	0.8800
JMSPH	Fall	S	SWTEMP	0.00	0.1654	-0.057	14.100	-8.09	No trend	0.7825
EBEMH	Fall	S	STN	0.00	0.5724	-0.004	0.866	-7.26	No trend	0.4285
EBEMH	Fall	B	BTN	0.00	0.1611	-0.009	0.857	-17.08	No trend	0.2321
EBEMH	Fall	S	SDIN	0.00	0.3334	-0.006	0.500	-19.52	No trend	0.9004
EBEMH	Fall	B	BDIN	0.00	0.0878	-0.008	0.507	-25.41	No trend	0.7037
EBEMH	Fall	S	STP	0.00	0.0053	-0.001	0.075	-26.22	Improving	0.0544
EBEMH	Fall	B	BTP	0.00	0.0001	-0.002	0.075	-35.95	Improving	0.1791
EBEMH	Fall	S	SPO4F	2.27	0.0371	-0.001	0.057	-21.54	No trend	0.4080
EBEMH	Fall	B	BPO4F	2.27	0.0136	-0.001	0.051	-32.37	No trend	0.4998
EBEMH	Fall	S	SCHLA	0.00	0.4143	0.038	3.150	19.14	No trend	0.4678
EBEMH	Fall	S	STSS	2.22	0.0686	-0.198	6.750	-46.88	No trend	0.1980
EBEMH	Fall	B	BTSS	0.00	0.0227	-0.430	8.400	-81.84	No trend	0.4657
EBEMH	Fall	S	SECCHI	0.00	0.9314	0.000	1.250	0.00	No trend	0.5147
EBEMH	Fall	B	BDO	0.00	0.0505	0.072	6.700	17.21	No trend	0.3243
EBEMH	Fall	S	SSALINITY	0.00	0.1111	-0.144	18.100	-12.71	No trend	0.7281
EBEMH	Fall	B	BSALINITY	0.00	0.1791	-0.120	18.200	-10.55	No trend	0.7641
EBEMH	Fall	B	BWTEMP	0.00	0.5830	0.025	13.500	2.96	No trend	0.3744
EBEMH	Fall	S	SWTEMP	0.00	0.5310	0.045	13.600	5.32	No trend	0.4418
WBEMH	Fall	S	STN	0.00	0.2321	-0.005	0.769	-10.41	No trend	0.7650
WBEMH	Fall	B	BTN	0.00	0.5358	-0.002	0.776	-4.12	No trend	0.6845
WBEMH	Fall	S	SDIN	2.13	0.6297	-0.003	0.323	-14.94	No trend	0.7085
WBEMH	Fall	B	BDIN	0.00	0.5557	-0.002	0.308	-11.12	No trend	0.8387
WBEMH	Fall	S	STP	0.00	0.0012	-0.002	0.070	-34.53	Improving	0.3447
WBEMH	Fall	B	BTP	0.00	0.0002	-0.002	0.074	-36.76	Improving	0.5159
WBEMH	Fall	S	SPO4F	6.52	0.0594	-0.001	0.044	-38.38	No trend	0.6309
WBEMH	Fall	B	BPO4F	4.35	0.0162	-0.001	0.044	-46.56	No trend	0.8484
WBEMH	Fall	S	SCHLA	0.00	0.2723	0.117	10.250	18.26	No trend	0.3656
WBEMH	Fall	S	STSS	0.00	0.0171	-0.417	13.000	-51.28	No trend	0.4385
WBEMH	Fall	B	BTSS	0.00	0.0038	-0.663	14.050	-75.44	Improving	0.8706
WBEMH	Fall	S	SECCHI	0.00	0.1727	0.010	0.900	17.78	No trend	0.9760
WBEMH	Fall	B	BDO	0.00	0.0928	0.081	8.000	16.22	No trend	0.4922
WBEMH	Fall	S	SSALINITY	0.00	0.2386	-0.101	17.850	-9.05	No trend	0.8630
WBEMH	Fall	B	BSALINITY	0.00	0.1034	-0.146	18.000	-12.98	No trend	0.9156
WBEMH	Fall	B	BWTEMP	0.00	0.5482	0.032	10.950	4.72	No trend	0.9267
WBEMH	Fall	S	SWTEMP	0.00	0.5197	0.051	11.200	7.24	No trend	0.8408

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
SBEMH	Fall	S	STN	0.00	0.7039	-0.004	1.161	-5.42	No trend	0.5859
SBEMH	Fall	B	BTN	0.00	0.9550	0.000	1.002	0.33	No trend	0.7550
SBEMH	Fall	S	SDIN	0.00	0.0094	-0.014	0.680	-32.32	Improving	0.8535
SBEMH	Fall	B	BDIN	0.00	0.1409	-0.007	0.586	-19.33	No trend	0.6684
SBEMH	Fall	S	STP	0.00	0.0646	-0.001	0.074	-18.50	No trend	0.4769
SBEMH	Fall	B	BTP	0.00	0.0014	-0.002	0.081	-31.47	Improving	0.3027
SBEMH	Fall	S	SPO4F	0.00	0.0310	-0.001	0.052	-25.79	No trend	0.4563
SBEMH	Fall	B	BPO4F	1.10	0.0041	-0.001	0.060	-27.75	Improving	0.1884
SBEMH	Fall	S	SCHLA	3.23	0.8303	0.007	2.375	4.81	No trend	0.3204
SBEMH	Fall	S	STSS	2.15	0.1268	-0.171	6.725	-40.79	No trend	0.1310
SBEMH	Fall	B	BTSS	1.08	0.0005	-0.561	12.600	-71.23	Improving	0.7400
SBEMH	Fall	S	SECCHI	0.00	0.8719	0.000	1.250	0.00	No trend	0.6233
SBEMH	Fall	B	BDO	0.00	0.2154	0.050	6.200	12.90	No trend	0.4816
SBEMH	Fall	S	SSALINITY	0.00	0.5922	-0.083	16.725	-7.93	No trend	0.9127
SBEMH	Fall	B	BSALINITY	0.00	0.2529	-0.109	18.050	-9.68	No trend	0.8928
SBEMH	Fall	B	BWTEMP	0.00	0.1984	0.119	15.075	12.58	No trend	0.3370
SBEMH	Fall	S	SWTEMP	0.00	0.0301	0.163	15.175	17.13	No trend	0.4684
ELIPH	Fall	S	SCHLA	25.89	0.1109	0.084	3.100	54.07	No trend	0.7319
ELIPH	Fall	S	STSS	8.65	0.1044	-0.200	8.000	-50.00	No trend	0.5553
ELIPH	Fall	B	BTSS	0.00	0.0039	-0.735	16.000	-91.88	Improving	0.6818
ELIPH	Fall	S	SECCHI	0.00	0.8927	0.000	1.350	0.00	No trend	0.1595
ELIPH	Fall	B	BDO	0.00	0.0042	0.063	6.700	18.79	Improving	0.7510
ELIPH	Fall	S	SSALINITY	0.00	0.4441	-0.100	21.250	-9.41	No trend	0.7438
ELIPH	Fall	B	BSALINITY	0.00	0.5046	-0.066	24.860	-5.31	No trend	0.9900
ELIPH	Fall	B	BWTEMP	0.00	0.0806	-0.067	16.100	-8.28	No trend	0.3442
ELIPH	Fall	S	SWTEMP	0.00	0.3074	-0.050	16.050	-6.23	No trend	0.4011
PMKTF	Fall	S	SCHLA	34.38	0.0010	0.000	3.100	0.00	Unchanged	0.5308
PMKTF	Fall	S	STSS	0.00	0.4042	-0.146	12.750	-19.52	No trend	0.8704
PMKTF	Fall	B	BTSS	0.00	0.0584	-0.500	20.000	-42.50	No trend	0.6026
PMKTF	Fall	S	SECCHI	0.00	0.3733	0.000	0.600	0.00	No trend	0.7541
PMKTF	Fall	B	BDO	0.00	0.1347	-0.041	6.550	-12.65	No trend	0.5436
PMKTF	Fall	S	SSALINITY	0.00	0.0005	0.000	0.010	0.00	Unchanged	0.9299
PMKTF	Fall	B	BSALINITY	0.00	0.0005	0.000	0.010	0.00	Unchanged	0.8966
PMKTF	Fall	B	BWTEMP	0.00	0.0046	0.179	15.825	22.65	Increasing	0.6416
PMKTF	Fall	S	SWTEMP	0.00	0.0095	0.163	14.000	23.21	Increasing	0.6840
PMKOH	Fall	S	SCHLA	15.87	0.3132	0.021	3.100	13.26	No trend	0.7521
PMKOH	Fall	S	STSS	0.00	0.5292	-0.431	36.000	-23.94	No trend	0.8194
PMKOH	Fall	B	BTSS	0.00	0.9587	0.000	63.500	0.00	No trend	0.1388
PMKOH	Fall	S	SECCHI	0.00	0.3807	0.000	0.500	0.00	No trend	0.5579
PMKOH	Fall	B	BDO	0.00	0.0767	-0.046	6.375	-14.34	No trend	0.7136
PMKOH	Fall	S	SSALINITY	0.00	0.1462	0.133	1.895	140.72	No trend	0.7816
PMKOH	Fall	B	BSALINITY	0.00	0.0990	0.161	2.090	154.21	No trend	0.7442
PMKOH	Fall	B	BWTEMP	0.00	0.0537	0.087	17.875	9.77	No trend	0.8934
PMKOH	Fall	S	SWTEMP	0.00	0.0355	0.106	17.900	11.88	No trend	0.6639
MPNTF	Fall	S	SCHLA	53.03	0.0000	0.000	3.100	0.00	Unchanged	0.8972
MPNTF	Fall	S	STSS	8.77	0.9406	0.000	6.000	0.00	No trend	0.5060
MPNTF	Fall	B	BTSS	3.51	0.8237	0.000	7.000	0.00	No trend	0.2148
MPNTF	Fall	S	SECCHI	0.00	0.7040	0.000	0.800	0.00	No trend	0.3912
MPNTF	Fall	B	BDO	0.00	0.1244	-0.044	7.075	-12.44	No trend	0.3963
MPNTF	Fall	S	SSALINITY	0.00	0.0044	0.000	0.010	0.00	Unchanged	0.8331
MPNTF	Fall	B	BSALINITY	0.00	0.0044	0.000	0.010	0.00	Unchanged	0.8331
MPNTF	Fall	B	BWTEMP	0.00	0.0014	0.229	15.275	29.93	Increasing	0.5562
MPNTF	Fall	S	SWTEMP	0.00	0.0019	0.200	13.500	29.63	Increasing	0.6426
MPNOH	Fall	S	SCHLA	22.39	0.4227	0.000	3.100	0.00	No trend	0.9026
MPNOH	Fall	S	STSS	1.59	0.2831	0.344	20.000	34.38	No trend	0.0760
MPNOH	Fall	B	BTSS	1.75	0.2399	-1.033	42.250	-41.58	No trend	0.4945
MPNOH	Fall	S	SECCHI	0.00	0.3447	0.000	0.500	0.00	No trend	0.2394
MPNOH	Fall	B	BDO	0.00	0.4181	-0.021	6.525	-6.44	No trend	0.8198
MPNOH	Fall	S	SSALINITY	0.00	0.1023	0.247	2.015	245.38	No trend	0.5797
MPNOH	Fall	B	BSALINITY	0.00	0.2076	0.198	2.518	157.03	No trend	0.5273



Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
MPNOH	Fall	B	BWTEMP	0.00	0.0155	0.112	17.625	12.75	No trend	0.5571
MPNOH	Fall	S	SWTEMP	0.00	0.0184	0.103	17.675	11.69	No trend	0.6363
YRKMh	Fall	S	SCHLA	8.66	0.0427	0.166	4.895	67.90	No trend	0.9647
YRKMh	Fall	S	STSS	0.00	0.4957	-0.250	15.500	-27.42	No trend	0.8477
YRKMh	Fall	B	BTSS	0.90	0.3385	0.702	27.000	44.18	No trend	0.5448
YRKMh	Fall	S	SECCHI	0.00	0.9349	0.000	0.850	0.00	No trend	0.6312
YRKMh	Fall	B	BDO	0.00	0.0554	-0.042	6.850	-12.30	No trend	0.8390
YRKMh	Fall	S	SSALINITY	0.00	0.4825	0.076	10.155	14.89	No trend	0.5962
YRKMh	Fall	B	BSALINITY	0.00	0.6055	0.037	13.095	5.64	No trend	0.9189
YRKMh	Fall	B	BWTEMP	0.00	0.0429	0.151	17.775	17.04	No trend	0.7906
YRKMh	Fall	S	SWTEMP	0.00	0.0522	0.141	17.725	15.92	No trend	0.8333
YRKPPh	Fall	S	SCHLA	23.44	0.0062	0.136	3.100	87.85	Degrading	0.3433
YRKPPh	Fall	S	STSS	14.41	0.6791	0.036	5.000	14.29	No trend	0.4190
YRKPPh	Fall	B	BTSS	2.68	0.1356	0.500	10.250	82.93	No trend	0.2356
YRKPPh	Fall	S	SECCHI	0.00	0.0315	-0.020	1.500	-26.67	No trend	0.1541
YRKPPh	Fall	B	BDO	0.00	0.3199	-0.025	6.600	-7.58	No trend	0.2558
YRKPPh	Fall	S	SSALINITY	0.00	0.5726	-0.058	19.095	-6.05	No trend	0.3546
YRKPPh	Fall	B	BSALINITY	0.00	0.6429	-0.049	22.433	-4.34	No trend	0.8674
YRKPPh	Fall	B	BWTEMP	0.00	0.0241	0.126	18.200	13.84	No trend	0.8144
YRKPPh	Fall	S	SWTEMP	0.00	0.0484	0.118	18.000	13.12	No trend	0.5933
MOBPH	Fall	S	STN	0.00	0.0001	-0.007	0.491	-30.03	Improving	0.9568
MOBPH	Fall	B	BTN	0.00	0.0000	-0.008	0.512	-29.43	Improving	0.5230
MOBPH	Fall	S	SDIN	93.77	0.0042	-0.002	0.091	-38.36	Improving	0.6683
MOBPH	Fall	B	BDIN	94.55	0.0042	-0.002	0.098	-40.20	Improving	0.3840
MOBPH	Fall	S	STP	21.18	0.0212	0.000	0.027	-20.77	No trend	0.4177
MOBPH	Fall	B	BTP	19.53	0.0419	0.000	0.033	-20.71	No trend	0.7427
MOBPH	Fall	S	SPO4F	78.43	0.0005	0.000	0.011	-43.36	Improving	0.4868
MOBPH	Fall	B	BPO4F	79.22	0.0015	0.000	0.011	-36.36	Improving	0.3595
MOBPH	Fall	S	SCHLA	20.39	0.2742	0.080	4.155	38.73	No trend	0.2229
MOBPH	Fall	S	STSS	6.23	0.0273	-0.300	6.750	-88.89	No trend	0.4655
MOBPH	Fall	B	BTSS	3.50	0.0550	-0.432	7.250	-119.17	No trend	0.4816
MOBPH	Fall	S	SECCHI	0.00	0.0431	-0.019	2.225	-16.85	No trend	0.9801
MOBPH	Fall	B	BDO	0.00	0.0018	0.064	8.000	16.00	Improving	0.1906
MOBPH	Fall	S	SSALINITY	0.00	0.2124	-0.085	22.593	-7.52	No trend	0.8743
MOBPH	Fall	B	BSALINITY	0.00	0.0655	-0.097	23.213	-8.33	No trend	0.9784
MOBPH	Fall	B	BWTEMP	0.00	0.5649	-0.036	14.600	-4.89	No trend	0.5953
MOBPH	Fall	S	SWTEMP	0.00	0.5019	-0.039	15.325	-5.02	No trend	0.5420
RPPTF	Fall	S	SCHLA	14.53	0.0428	-0.104	11.380	-18.31	No trend	0.7799
RPPTF	Fall	S	STSS	2.48	0.8639	-0.070	27.000	-4.39	No trend	0.7904
RPPTF	Fall	B	BTSS	1.25	0.1006	-0.913	43.750	-35.47	No trend	0.1955
RPPTF	Fall	S	SECCHI	0.00	0.1887	-0.007	0.500	-25.71	No trend	0.9855
RPPTF	Fall	B	BDO	0.00	0.3756	-0.025	10.550	-4.64	No trend	0.1200
RPPTF	Fall	S	SSALINITY	0.00	0.0043	0.000	0.010	0.00	Unchanged	0.7744
RPPTF	Fall	B	BSALINITY	0.00	0.0043	0.000	0.010	0.00	Unchanged	0.7744
RPPTF	Fall	B	BWTEMP	0.00	0.4776	0.030	9.000	6.77	No trend	0.7500
RPPTF	Fall	S	SWTEMP	0.00	0.6729	0.027	9.000	5.96	No trend	0.6908
RPPOH	Fall	S	SCHLA	14.29	0.1641	0.236	5.270	89.46	No trend	0.3529
RPPOH	Fall	S	STSS	0.00	0.4778	0.293	19.000	26.20	No trend	0.6839
RPPOH	Fall	B	BTSS	0.00	0.1575	1.000	28.250	60.18	No trend	0.9248
RPPOH	Fall	S	SECCHI	0.00	0.4568	0.000	0.600	0.00	No trend	0.1981
RPPOH	Fall	B	BDO	0.00	0.7876	-0.010	9.500	-2.11	No trend	0.0497
RPPOH	Fall	S	SSALINITY	0.00	0.2515	-0.033	4.570	-14.59	No trend	0.3026
RPPOH	Fall	B	BSALINITY	0.00	0.3209	-0.028	4.320	-13.06	No trend	0.4923
RPPOH	Fall	B	BWTEMP	0.00	0.2946	0.070	11.200	12.51	No trend	0.4427
RPPOH	Fall	S	SWTEMP	0.00	0.2224	0.093	11.350	16.36	No trend	0.3740
RPPMH	Fall	S	SCHLA	8.97	0.0114	0.161	5.803	55.43	No trend	0.4736
RPPMH	Fall	S	STSS	20.67	0.1104	-0.157	5.750	-54.50	No trend	0.2205
RPPMH	Fall	B	BTSS	4.20	0.9253	0.000	13.500	0.00	No trend	0.6174
RPPMH	Fall	S	SECCHI	0.00	0.9700	0.000	1.500	0.00	No trend	0.6965
RPPMH	Fall	B	BDO	0.00	0.7358	-0.005	7.925	-1.26	No trend	0.5105

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
RPPMH	Fall	S	SSALINITY	0.00	0.0951	-0.127	18.075	-14.07	No trend	0.7425
RPPMH	Fall	B	BSALINITY	0.00	0.0847	-0.102	19.463	-10.45	No trend	0.6343
RPPMH	Fall	B	BWTEMP	0.00	0.2611	0.059	13.325	8.79	No trend	0.6240
RPPMH	Fall	S	SWTEMP	0.00	0.2379	0.053	12.975	8.09	No trend	0.5864
CRRMH	Fall	S	SCHLA	18.46	0.0366	0.111	5.073	43.65	No trend	0.6374
CRRMH	Fall	S	STSS	52.54	0.1451	0.000	5.000	0.00	No trend	0.5769
CRRMH	Fall	B	BTSS	35.29	0.2068	0.000	6.750	0.00	No trend	0.1909
CRRMH	Fall	S	SECCHI	0.00	0.0015	-0.050	2.500	-40.00	Degrading	0.4917
CRRMH	Fall	B	BDO	0.00	0.7587	0.016	8.200	3.79	No trend	0.1626
CRRMH	Fall	S	SSALINITY	0.00	0.0284	-0.147	19.108	-15.43	No trend	0.7859
CRRMH	Fall	B	BSALINITY	0.00	0.0653	-0.123	19.248	-12.79	No trend	0.4228
CRRMH	Fall	B	BWTEMP	0.00	0.3390	0.043	13.100	6.50	No trend	0.7039
CRRMH	Fall	S	SWTEMP	0.00	0.6801	0.020	13.100	3.05	No trend	0.8304
PIAMH	Fall	S	STN	0.00	0.0000	-0.010	0.530	-36.07	Improving	0.8134
PIAMH	Fall	B	BTN	0.00	0.0001	-0.009	0.572	-32.09	Improving	0.7840
PIAMH	Fall	S	SDIN	16.13	0.0000	-0.003	0.050	-109.35	Improving	0.9681
PIAMH	Fall	B	BDIN	14.52	0.0000	-0.003	0.077	-71.29	Improving	0.9684
PIAMH	Fall	S	STP	0.00	0.1967	0.000	0.018	-9.54	No trend	0.4144
PIAMH	Fall	B	BTP	0.00	0.1521	0.000	0.023	-20.55	No trend	0.9624
PIAMH	Fall	S	SPO4F	78.69	0.0000	0.000	0.011	-68.22	Improving	0.9139
PIAMH	Fall	B	BPO4F	75.81	0.0000	0.000	0.011	-70.23	Improving	0.9933
PIAMH	Fall	S	SCHLA	4.84	0.3754	0.061	5.595	21.86	No trend	0.7579
PIAMH	Fall	S	STSS	9.68	0.1969	-0.199	4.875	-81.76	No trend	0.6229
PIAMH	Fall	B	BTSS	4.84	0.1062	-0.218	7.250	-60.27	No trend	0.3556
PIAMH	Fall	S	SECCHI	0.00	0.0211	-0.024	2.400	-20.03	No trend	0.9711
PIAMH	Fall	B	BDO	0.00	0.0003	0.077	8.350	18.52	Improving	0.9770
PIAMH	Fall	S	SSALINITY	0.00	0.0399	-0.133	19.515	-13.63	No trend	0.7850
PIAMH	Fall	B	BSALINITY	0.00	0.0228	-0.125	20.100	-12.40	No trend	0.8668
PIAMH	Fall	B	BWTEMP	0.00	0.4438	-0.031	14.500	-4.25	No trend	0.9346
PIAMH	Fall	S	SWTEMP	0.00	0.4203	-0.038	14.900	-5.11	No trend	0.7877
POCMH	Fall	S	STN	0.00	0.0966	-0.005	0.583	-17.82	No trend	0.2655
POCMH	Fall	B	BTN	0.00	0.1858	-0.004	0.582	-14.54	No trend	0.5403
POCMH	Fall	S	SDIN	88.98	0.0001	-0.003	0.090	-72.87	Improving	0.6283
POCMH	Fall	B	BDIN	88.98	0.0001	-0.003	0.098	-57.24	Improving	0.6465
POCMH	Fall	S	STP	11.30	0.2615	0.000	0.028	-15.93	No trend	0.4202
POCMH	Fall	B	BTP	19.13	0.6021	0.000	0.025	-11.11	No trend	0.4148
POCMH	Fall	S	SPO4F	89.17	0.0000	0.000	0.010	-33.94	Improving	0.9161
POCMH	Fall	B	BPO4F	90.83	0.0013	0.000	0.010	-32.09	Improving	0.9367
POCMH	Fall	S	SCHLA	10.92	0.0336	0.155	4.910	63.10	No trend	0.9515
POCMH	Fall	S	STSS	1.65	0.2878	-0.196	10.000	-39.10	No trend	0.5992
POCMH	Fall	B	BTSS	1.65	0.1664	-0.324	13.750	-47.07	No trend	0.8001
POCMH	Fall	S	SECCHI	0.00	0.0055	-0.018	1.250	-29.28	Degrading	0.9943
POCMH	Fall	B	BDO	0.00	0.1898	0.022	9.200	4.71	No trend	0.3622
POCMH	Fall	S	SSALINITY	0.00	0.0961	-0.108	21.398	-10.10	No trend	0.6208
POCMH	Fall	B	BSALINITY	0.00	0.0261	-0.129	21.520	-12.03	No trend	0.8389
POCMH	Fall	B	BWTEMP	0.00	0.7182	-0.022	13.650	-3.21	No trend	0.7505
POCMH	Fall	S	SWTEMP	0.00	0.8411	-0.007	13.650	-1.05	No trend	0.7033
CB6PH	Fall	S	STN	0.00	0.0000	-0.009	0.544	-34.16	Improving	0.9964
CB6PH	Fall	B	BTN	0.00	0.0000	-0.009	0.542	-34.20	Improving	0.8845
CB6PH	Fall	S	SDIN	96.34	0.0173	-0.002	0.071	-63.78	No trend	0.4421
CB6PH	Fall	B	BDIN	95.51	0.0061	-0.003	0.126	-47.69	Improving	0.5249
CB6PH	Fall	S	STP	29.67	0.0026	0.000	0.023	-33.25	Improving	0.3427
CB6PH	Fall	B	BTP	17.21	0.0006	-0.001	0.038	-40.16	Improving	0.2719
CB6PH	Fall	S	SPO4F	86.35	0.0000	0.000	0.011	-50.00	Improving	0.6291
CB6PH	Fall	B	BPO4F	69.39	0.0002	0.000	0.011	-42.42	Improving	0.3266
CB6PH	Fall	S	SCHLA	14.92	0.7882	0.021	6.271	6.62	No trend	0.8664
CB6PH	Fall	S	STSS	8.06	0.0348	-0.268	5.600	-95.62	No trend	0.5406
CB6PH	Fall	B	BTSS	1.22	0.0273	-0.426	12.138	-70.14	No trend	0.6562
CB6PH	Fall	S	SECCHI	0.00	0.8474	0.000	2.150	0.00	No trend	0.9701
CB6PH	Fall	B	BDO	0.00	0.0451	0.035	7.725	8.96	No trend	0.6561

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
CB6PH	Fall	S	SSALINITY	0.00	0.0744	-0.093	21.613	-8.65	No trend	0.9998
CB6PH	Fall	B	BSALINITY	0.00	0.0248	-0.138	24.220	-11.41	No trend	0.7684
CB6PH	Fall	B	BWTEMP	0.00	0.7882	-0.020	15.200	-2.58	No trend	0.8665
CB6PH	Fall	S	SWTEMP	0.00	0.8931	-0.005	14.825	-0.73	No trend	0.7776
CB7PH	Fall	S	STN	0.00	0.0000	-0.010	0.523	-39.02	Improving	0.9988
CB7PH	Fall	B	BTN	0.00	0.0000	-0.011	0.559	-37.99	Improving	0.6815
CB7PH	Fall	S	SDIN	96.86	0.0525	-0.001	0.068	-43.91	No trend	0.2789
CB7PH	Fall	B	BDIN	96.13	0.0029	-0.003	0.107	-48.40	Improving	0.9372
CB7PH	Fall	S	STP	24.07	0.0271	0.000	0.026	-23.53	No trend	0.6545
CB7PH	Fall	B	BTP	9.72	0.0001	-0.001	0.045	-34.16	Improving	0.9807
CB7PH	Fall	S	SPO4F	79.34	0.0005	0.000	0.011	-41.96	Improving	0.6091
CB7PH	Fall	B	BPO4F	59.70	0.0033	0.000	0.014	-30.88	Improving	0.5497
CB7PH	Fall	S	SCHLA	14.98	0.2415	0.064	5.250	24.49	No trend	0.7414
CB7PH	Fall	S	STSS	9.51	0.0808	-0.240	5.088	-94.35	No trend	0.7480
CB7PH	Fall	B	BTSS	2.42	0.1446	-0.211	14.475	-29.19	No trend	0.8622
CB7PH	Fall	S	SECCHI	0.00	0.3634	-0.007	2.400	-5.95	No trend	0.5539
CB7PH	Fall	B	BDO	0.00	0.0676	0.030	7.900	7.59	No trend	0.6039
CB7PH	Fall	S	SSALINITY	0.00	0.3985	-0.064	23.185	-5.52	No trend	0.8891
CB7PH	Fall	B	BSALINITY	0.00	0.2124	-0.069	25.555	-5.42	No trend	0.6684
CB7PH	Fall	B	BWTEMP	0.00	0.8327	0.008	14.700	1.15	No trend	0.7233
CB7PH	Fall	S	SWTEMP	0.00	0.8629	0.005	14.550	0.69	No trend	0.9278
CB8PH	Fall	S	STN	0.00	0.0440	-0.005	0.621	-15.60	No trend	0.8471
CB8PH	Fall	B	BTN	0.00	0.0249	-0.006	0.665	-19.15	No trend	0.5812
CB8PH	Fall	S	SDIN	95.21	0.0054	-0.003	0.155	-32.23	Improving	0.0663
CB8PH	Fall	B	BDIN	98.92	0.1202	-0.001	0.122	-17.90	No trend	0.5807
CB8PH	Fall	S	STP	8.65	0.0000	-0.001	0.054	-32.71	Improving	0.9563
CB8PH	Fall	B	BTP	1.11	0.0011	-0.001	0.078	-25.81	Improving	0.6905
CB8PH	Fall	S	SPO4F	42.02	0.0000	-0.001	0.027	-55.85	Improving	0.4738
CB8PH	Fall	B	BPO4F	25.00	0.0000	-0.001	0.033	-44.08	Improving	0.6098
CB8PH	Fall	S	SCHLA	22.70	0.0987	0.100	3.213	62.26	No trend	0.1075
CB8PH	Fall	S	STSS	5.43	0.0733	0.118	5.625	41.85	No trend	0.8322
CB8PH	Fall	B	BTSS	0.00	0.8594	-0.026	14.275	-3.58	No trend	0.8772
CB8PH	Fall	S	SECCHI	0.00	0.1462	-0.017	2.000	-16.67	No trend	0.8225
CB8PH	Fall	B	BDO	0.00	0.0022	0.040	7.700	10.39	Improving	0.3614
CB8PH	Fall	S	SSALINITY	0.00	0.1448	-0.100	25.730	-7.77	No trend	0.5590
CB8PH	Fall	B	BSALINITY	0.00	0.1110	-0.075	30.375	-4.94	No trend	0.7346
CB8PH	Fall	B	BWTEMP	0.00	0.5909	0.026	14.800	3.51	No trend	0.4810
CB8PH	Fall	S	SWTEMP	0.00	0.8478	0.007	14.425	0.92	No trend	0.2258
APPTF	SAV1	S	SCHLA	6.00	0.0024	-0.956	43.508	-43.97	Improving	0.9227
APPTF	SAV1	S	STSS	0.00	0.6633	-0.071	23.750	-5.11	No trend	0.1213
APPTF	SAV1	B	BTSS	0.00	0.9068	0.000	30.250	0.00	No trend	0.0338
APPTF	SAV1	S	SECCHI	0.00	0.0125	0.000	0.500	0.00	No trend	0.7540
APPTF	SAV1	B	BDO	0.00	0.1861	0.020	8.200	4.88	No trend	0.2005
APPTF	SAV1	S	SSALINITY	0.00	0.0079	0.000	0.010	0.00	Unchanged	0.5073
APPTF	SAV1	B	BSALINITY	0.00	0.0057	0.000	0.010	0.00	Unchanged	0.4990
APPTF	SAV1	B	BWTEMP	0.00	0.3461	0.047	22.500	4.22	No trend	0.1374
APPTF	SAV1	S	SWTEMP	0.00	0.1512	0.051	22.750	4.51	No trend	0.1024
JMSTF1	SAV1	S	SCHLA	4.91	0.2017	-0.322	24.303	-26.49	No trend	0.9172
JMSTF1	SAV1	S	STSS	0.27	0.0018	0.375	20.500	31.10	Degrading	0.3284
JMSTF1	SAV1	B	BTSS	0.55	0.0506	1.211	37.250	55.27	No trend	0.5966
JMSTF1	SAV1	S	SECCHI	0.00	0.0000	-0.011	0.650	-32.97	Degrading	0.8034
JMSTF1	SAV1	B	BDO	0.00	0.0161	0.033	6.725	9.85	No trend	0.7436
JMSTF1	SAV1	S	SSALINITY	0.00	0.0034	0.000	0.010	0.00	Unchanged	0.9918
JMSTF1	SAV1	B	BSALINITY	0.00	0.0131	0.000	0.010	0.00	No trend	0.9611
JMSTF1	SAV1	B	BWTEMP	0.00	0.7807	0.011	22.875	0.97	No trend	0.1482
JMSTF1	SAV1	S	SWTEMP	0.00	0.5355	0.016	23.100	1.39	No trend	0.0942
JMSTF2	SAV1	S	SCHLA	40.91	0.0491	0.000	4.868	0.00	No trend	0.6152
JMSTF2	SAV1	S	STSS	19.51	0.4357	0.000	10.000	0.00	No trend	0.1089
JMSTF2	SAV1	B	BTSS	3.32	0.2193	0.179	17.500	17.35	No trend	0.6280
JMSTF2	SAV1	S	SECCHI	0.00	0.3859	-0.005	1.000	-10.00	No trend	0.2069

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
JMSTF2	SAV1	B	BDO	0.00	0.0026	0.039	6.550	11.93	Improving	0.1963
JMSTF2	SAV1	S	SSALINITY	0.00	0.0194	0.000	0.010	0.00	No trend	0.3323
JMSTF2	SAV1	B	BSALINITY	0.00	0.0072	0.000	0.010	0.00	Unchanged	0.7584
JMSTF2	SAV1	B	BWTEMP	0.00	0.5267	0.031	21.875	2.80	No trend	0.2427
JMSTF2	SAV1	S	SWTEMP	0.00	0.7009	0.013	24.025	1.07	No trend	0.7115
CHKOH	SAV1	S	SCHLA	1.61	0.0002	-0.601	23.933	-42.67	Improving	0.0709
CHKOH	SAV1	S	STSS	0.00	0.3935	0.100	17.500	9.71	No trend	0.2862
CHKOH	SAV1	B	BTSS	0.00	0.0032	1.333	32.500	69.74	Degrading	0.5825
CHKOH	SAV1	S	SECCHI	0.00	0.0000	-0.009	0.600	-25.76	Degrading	0.6216
CHKOH	SAV1	B	BDO	0.00	0.4379	-0.010	6.400	-2.66	No trend	0.7581
CHKOH	SAV1	S	SSALINITY	0.00	0.0077	0.000	0.010	0.00	Unchanged	0.8185
CHKOH	SAV1	B	BSALINITY	0.00	0.0063	0.000	0.010	0.00	Unchanged	0.8119
CHKOH	SAV1	B	BWTEMP	0.00	0.2377	0.032	22.450	2.40	No trend	0.0883
CHKOH	SAV1	S	SWTEMP	0.00	0.3548	0.041	22.575	3.07	No trend	0.0987
JMSOH	SAV1	S	SCHLA	6.56	0.0841	-0.118	7.688	-30.68	No trend	0.2477
JMSOH	SAV1	S	STSS	1.26	0.1967	-0.286	26.250	-18.50	No trend	0.1020
JMSOH	SAV1	B	BTSS	0.00	0.8973	-0.125	57.500	-3.70	No trend	0.1758
JMSOH	SAV1	S	SECCHI	0.00	0.7245	0.000	0.625	0.00	No trend	0.5644
JMSOH	SAV1	B	BDO	0.00	0.2436	-0.012	7.000	-3.33	No trend	0.3579
JMSOH	SAV1	S	SSALINITY	0.00	0.7282	0.002	3.850	1.30	No trend	0.7996
JMSOH	SAV1	B	BSALINITY	0.00	0.7191	0.005	4.355	2.30	No trend	0.9495
JMSOH	SAV1	B	BWTEMP	0.00	0.8062	-0.006	23.750	-0.54	No trend	0.0555
JMSOH	SAV1	S	SWTEMP	0.00	0.9511	-0.001	23.900	-0.10	No trend	0.0560
JMSMH	SAV1	S	SCHLA	18.89	0.7516	0.007	4.670	3.15	No trend	0.0137
JMSMH	SAV1	S	STSS	2.35	0.2196	-0.125	19.000	-13.16	No trend	0.5854
JMSMH	SAV1	B	BTSS	1.66	0.0004	1.033	24.750	70.98	Degrading	0.3481
JMSMH	SAV1	S	SECCHI	0.00	0.9103	0.000	1.075	0.00	No trend	0.3765
JMSMH	SAV1	B	BDO	0.00	0.9501	0.000	6.475	0.00	No trend	0.0173
JMSMH	SAV1	S	SSALINITY	0.00	0.4801	-0.058	15.820	-7.31	No trend	0.8396
JMSMH	SAV1	B	BSALINITY	0.00	0.2542	-0.047	19.313	-4.89	No trend	0.7563
JMSMH	SAV1	B	BWTEMP	0.00	0.9316	0.000	23.450	0.04	No trend	0.0517
JMSMH	SAV1	S	SWTEMP	0.00	0.7778	-0.008	23.725	-0.72	No trend	0.0852
JMSPH	SAV1	S	SCHLA	13.40	0.0004	0.164	5.983	54.71	Degrading	0.0279
JMSPH	SAV1	S	STSS	4.41	0.0290	0.136	9.350	29.01	No trend	0.5763
JMSPH	SAV1	B	BTSS	0.37	0.8062	0.018	19.000	1.86	No trend	0.0193
JMSPH	SAV1	S	SECCHI	0.00	0.0000	-0.017	1.350	-24.69	Degrading	0.5097
JMSPH	SAV1	B	BDO	0.00	0.0000	0.053	6.150	17.34	Improving	0.8723
JMSPH	SAV1	S	SSALINITY	0.00	0.0100	-0.123	22.125	-11.13	No trend	0.7176
JMSPH	SAV1	B	BSALINITY	0.00	0.0000	-0.212	24.833	-17.03	Decreasing	0.7012
JMSPH	SAV1	B	BWTEMP	0.00	0.0041	0.063	22.500	5.59	Increasing	0.2541
JMSPH	SAV1	S	SWTEMP	0.00	0.4842	-0.008	23.100	-0.72	No trend	0.6960
EBEMH	SAV1	S	STN	0.00	0.3019	-0.005	1.049	-7.24	No trend	0.8308
EBEMH	SAV1	B	BTN	0.00	0.0509	-0.006	0.861	-10.55	No trend	0.4327
EBEMH	SAV1	S	SDIN	0.00	0.1797	-0.006	0.530	-18.00	No trend	0.6901
EBEMH	SAV1	B	BDIN	0.00	0.1283	-0.005	0.511	-16.19	No trend	0.9686
EBEMH	SAV1	S	STP	0.00	0.0014	-0.001	0.086	-24.11	Improving	0.6464
EBEMH	SAV1	B	BTP	0.00	0.0000	-0.002	0.099	-27.88	Improving	0.5330
EBEMH	SAV1	S	SPO4F	5.56	0.1325	-0.001	0.066	-14.85	No trend	0.9929
EBEMH	SAV1	B	BPO4F	4.44	0.0106	-0.001	0.068	-21.98	No trend	0.9760
EBEMH	SAV1	S	SCHLA	1.12	0.7337	0.024	3.550	10.62	No trend	0.6318
EBEMH	SAV1	S	STSS	1.09	0.0049	-0.225	9.950	-36.18	Improving	0.6138
EBEMH	SAV1	B	BTSS	0.00	0.0157	-0.413	12.600	-52.49	No trend	0.8881
EBEMH	SAV1	S	SECCHI	0.00	0.0202	0.009	0.950	15.31	No trend	0.3025
EBEMH	SAV1	B	BDO	0.00	0.0031	0.061	4.800	20.32	Improving	0.9256
EBEMH	SAV1	S	SSALINITY	0.00	0.1980	0.072	17.950	6.39	No trend	0.3559
EBEMH	SAV1	B	BSALINITY	0.00	0.5880	-0.033	18.650	-2.86	No trend	0.7505
EBEMH	SAV1	B	BWTEMP	0.00	0.0084	0.105	23.000	7.30	Increasing	0.0331
EBEMH	SAV1	S	SWTEMP	0.00	0.0558	0.054	23.950	3.63	No trend	0.0876
WBEMH	SAV1	S	STN	0.00	0.0096	-0.008	0.813	-16.04	Improving	0.8300
WBEMH	SAV1	B	BTN	0.00	0.0374	-0.008	0.891	-13.72	No trend	0.4277

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
WBEMH	SAV1	S	SDIN	2.13	0.8457	0.000	0.246	0.70	No trend	0.9950
WBEMH	SAV1	B	BDIN	2.15	0.5601	-0.001	0.292	-4.91	No trend	0.9169
WBEMH	SAV1	S	STP	0.00	0.0000	-0.002	0.110	-33.90	Improving	0.8061
WBEMH	SAV1	B	BTP	0.00	0.0000	-0.003	0.116	-37.29	Improving	0.3268
WBEMH	SAV1	S	SPO4F	11.83	0.0002	-0.001	0.051	-28.24	Improving	0.9564
WBEMH	SAV1	B	BPO4F	10.64	0.0001	-0.001	0.054	-29.63	Improving	0.9891
WBEMH	SAV1	S	SCHLA	0.00	0.0320	-0.340	19.250	-28.28	No trend	0.5819
WBEMH	SAV1	S	STSS	0.00	0.1915	-0.260	26.300	-15.79	No trend	0.1341
WBEMH	SAV1	B	BTSS	0.00	0.0304	-0.759	37.100	-32.73	No trend	0.0653
WBEMH	SAV1	S	SECCHI	0.00	0.0350	0.000	0.550	0.00	No trend	0.0838
WBEMH	SAV1	B	BDO	0.00	0.0201	0.053	6.250	13.44	No trend	0.9771
WBEMH	SAV1	S	SSALINITY	0.00	0.2639	0.068	17.150	6.38	No trend	0.7970
WBEMH	SAV1	B	BSALINITY	0.00	0.4691	0.039	17.100	3.62	No trend	0.7849
WBEMH	SAV1	B	BWTEMP	0.00	0.2363	0.045	23.800	3.04	No trend	0.2540
WBEMH	SAV1	S	SWTEMP	0.00	0.1786	0.054	24.200	3.59	No trend	0.2073
SBEMH	SAV1	S	STN	0.00	0.0962	-0.008	1.266	-9.89	No trend	0.2825
SBEMH	SAV1	B	BTN	0.00	0.6693	-0.001	0.978	-1.64	No trend	0.7747
SBEMH	SAV1	S	SDIN	0.00	0.0515	-0.010	0.702	-22.00	No trend	0.9422
SBEMH	SAV1	B	BDIN	0.00	0.8768	-0.001	0.561	-1.52	No trend	0.6455
SBEMH	SAV1	S	STP	0.00	0.0002	-0.001	0.100	-21.47	Improving	0.5502
SBEMH	SAV1	B	BTP	0.00	0.0000	-0.002	0.099	-36.37	Improving	0.7747
SBEMH	SAV1	S	SPO4F	3.21	0.0075	-0.001	0.067	-21.41	Improving	0.9963
SBEMH	SAV1	B	BPO4F	3.72	0.0003	-0.001	0.069	-27.83	Improving	0.9799
SBEMH	SAV1	S	SCHLA	2.17	0.0437	-0.148	3.725	-63.71	No trend	0.9294
SBEMH	SAV1	S	STSS	0.53	0.0168	-0.192	8.575	-35.82	No trend	0.8683
SBEMH	SAV1	B	BTSS	0.53	0.0000	-0.656	14.600	-71.89	Improving	0.9003
SBEMH	SAV1	S	SECCHI	0.00	0.0736	0.010	0.750	21.33	No trend	0.9265
SBEMH	SAV1	B	BDO	0.00	0.0040	0.070	4.200	26.67	Improving	0.8309
SBEMH	SAV1	S	SSALINITY	0.00	0.0938	0.108	16.700	10.34	No trend	0.6784
SBEMH	SAV1	B	BSALINITY	0.00	0.1974	-0.096	18.450	-8.32	No trend	0.7719
SBEMH	SAV1	B	BWTEMP	0.00	0.0000	0.225	23.925	15.05	Increasing	0.2038
SBEMH	SAV1	S	SWTEMP	0.00	0.0024	0.117	25.200	7.41	Increasing	0.0835
ELIPH	SAV1	S	SCHLA	14.98	0.0982	0.099	7.958	24.81	No trend	0.8646
ELIPH	SAV1	S	STSS	4.19	0.0353	-0.244	15.950	-25.98	No trend	0.4738
ELIPH	SAV1	B	BTSS	0.00	0.1181	-0.314	26.300	-20.27	No trend	0.4954
ELIPH	SAV1	S	SECCHI	0.00	0.0001	-0.010	1.125	-17.78	Degrading	0.5324
ELIPH	SAV1	B	BDO	0.00	0.0684	0.017	5.825	5.72	No trend	0.4154
ELIPH	SAV1	S	SSALINITY	0.00	0.0103	-0.150	22.275	-13.47	No trend	0.7330
ELIPH	SAV1	B	BSALINITY	0.00	0.0162	-0.094	24.455	-7.68	No trend	0.8145
ELIPH	SAV1	B	BWTEMP	0.00	0.5437	0.021	22.250	1.87	No trend	0.3740
ELIPH	SAV1	S	SWTEMP	0.00	0.5234	0.017	23.550	1.42	No trend	0.0322
PMKTF	SAV1	S	SCHLA	45.14	0.0002	-0.092	4.230	-43.42	Improving	0.6248
PMKTF	SAV1	S	STSS	1.67	0.0339	0.333	12.250	46.26	No trend	0.7769
PMKTF	SAV1	B	BTSS	1.68	0.1111	-0.333	19.000	-29.82	No trend	0.1888
PMKTF	SAV1	S	SECCHI	0.00	0.0783	0.000	0.700	0.00	No trend	0.2346
PMKTF	SAV1	B	BDO	0.00	0.1337	0.017	5.800	5.75	No trend	0.5825
PMKTF	SAV1	S	SSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.9177
PMKTF	SAV1	B	BSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.9177
PMKTF	SAV1	B	BWTEMP	0.00	0.3380	0.025	22.875	2.19	No trend	0.0701
PMKTF	SAV1	S	SWTEMP	0.00	0.2106	0.033	22.875	2.86	No trend	0.0603
PMKOH	SAV1	S	SCHLA	14.29	0.4702	0.051	7.540	13.64	No trend	0.4725
PMKOH	SAV1	S	STSS	0.00	0.2202	-0.500	45.000	-22.22	No trend	0.9148
PMKOH	SAV1	B	BTSS	0.00	0.2537	-1.917	148.500	-21.94	No trend	0.1609
PMKOH	SAV1	S	SECCHI	0.00	0.1392	0.000	0.450	0.00	No trend	0.9217
PMKOH	SAV1	B	BDO	0.00	0.5824	0.007	5.575	2.47	No trend	0.1563
PMKOH	SAV1	S	SSALINITY	0.00	0.7135	0.006	5.028	2.31	No trend	0.9708
PMKOH	SAV1	B	BSALINITY	0.00	0.9501	0.000	5.328	0.00	No trend	0.9506
PMKOH	SAV1	B	BWTEMP	0.00	0.6554	-0.010	24.450	-0.82	No trend	0.0719
PMKOH	SAV1	S	SWTEMP	0.00	0.3881	-0.017	24.425	-1.36	No trend	0.0859
MPNTF	SAV1	S	SCHLA	49.32	0.0000	-0.091	4.588	-39.75	Improving	0.9374

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
MPNTF	SAV1	S	STSS	9.76	0.2412	0.060	5.625	18.16	No trend	0.1441
MPNTF	SAV1	B	BTSS	6.67	0.6175	0.000	8.750	0.00	No trend	0.0948
MPNTF	SAV1	S	SECCHI	0.00	0.0032	-0.013	1.000	-25.00	Degrading	0.1048
MPNTF	SAV1	B	BDO	0.00	0.2688	0.010	6.350	3.15	No trend	0.8117
MPNTF	SAV1	S	SSALINITY	0.00	0.0206	0.000	0.010	0.00	No trend	0.8150
MPNTF	SAV1	B	BSALINITY	0.00	0.0207	0.000	0.010	0.00	No trend	0.8062
MPNTF	SAV1	B	BWTEMP	0.00	0.0795	0.067	23.000	5.80	No trend	0.2062
MPNTF	SAV1	S	SWTEMP	0.00	0.0163	0.093	23.375	7.98	No trend	0.2127
MPNOH	SAV1	S	SCHLA	24.32	0.7691	0.000	7.415	0.00	No trend	0.6320
MPNOH	SAV1	S	STSS	0.74	0.0501	0.483	19.000	50.88	No trend	0.5151
MPNOH	SAV1	B	BTSS	0.86	0.3874	0.611	44.000	27.78	No trend	0.2706
MPNOH	SAV1	S	SECCHI	0.00	0.2700	0.000	0.525	0.00	No trend	0.7558
MPNOH	SAV1	B	BDO	0.00	0.1494	0.013	5.325	4.69	No trend	0.7918
MPNOH	SAV1	S	SSALINITY	0.00	0.3445	0.030	4.273	13.93	No trend	0.5450
MPNOH	SAV1	B	BSALINITY	0.00	0.3487	0.032	5.023	12.61	No trend	0.6412
MPNOH	SAV1	B	BWTEMP	0.00	0.6543	0.011	24.375	0.91	No trend	0.3400
MPNOH	SAV1	S	SWTEMP	0.00	0.3026	0.020	24.500	1.67	No trend	0.2848
YRKMh	SAV1	S	SCHLA	5.41	0.2665	0.095	9.590	19.81	No trend	0.2968
YRKMh	SAV1	S	STSS	0.00	0.1365	-0.300	32.750	-15.57	No trend	0.4500
YRKMh	SAV1	B	BTSS	0.42	0.1126	1.367	44.500	52.21	No trend	0.4334
YRKMh	SAV1	S	SECCHI	0.00	0.3184	0.000	0.500	0.00	No trend	0.1532
YRKMh	SAV1	B	BDO	0.00	0.9798	0.000	5.525	0.00	No trend	0.4067
YRKMh	SAV1	S	SSALINITY	0.00	0.1185	-0.087	13.605	-12.86	No trend	0.7128
YRKMh	SAV1	B	BSALINITY	0.00	0.0580	-0.081	15.308	-10.62	No trend	0.8514
YRKMh	SAV1	B	BWTEMP	0.00	0.8915	-0.005	24.400	-0.37	No trend	0.0308
YRKMh	SAV1	S	SWTEMP	0.00	0.5114	-0.021	24.275	-1.77	No trend	0.0342
YRKPH	SAV1	S	SCHLA	9.56	0.0002	0.172	7.998	43.09	Degrading	0.7853
YRKPH	SAV1	S	STSS	8.76	0.6023	0.058	6.000	19.23	No trend	0.3422
YRKPH	SAV1	B	BTSS	1.70	0.2606	0.318	22.000	24.59	No trend	0.8310
YRKPH	SAV1	S	SECCHI	0.00	0.0002	-0.014	1.250	-22.86	Degrading	0.1660
YRKPH	SAV1	B	BDO	0.00	0.3425	-0.020	5.150	-7.77	No trend	0.2823
YRKPH	SAV1	S	SSALINITY	0.00	0.0018	-0.141	21.825	-12.90	Decreasing	0.7385
YRKPH	SAV1	B	BSALINITY	0.00	0.1099	-0.058	23.583	-4.91	No trend	0.7901
YRKPH	SAV1	B	BWTEMP	0.00	0.1154	-0.036	23.250	-3.07	No trend	0.0745
YRKPH	SAV1	S	SWTEMP	0.00	0.1121	-0.033	23.800	-2.80	No trend	0.1859
MOBPH	SAV1	S	STN	0.00	0.0031	-0.003	0.504	-12.10	Improving	0.8416
MOBPH	SAV1	B	BTN	0.00	0.0000	-0.006	0.562	-21.87	Improving	0.4390
MOBPH	SAV1	S	SDIN	94.25	0.0001	-0.001	0.040	-49.69	Improving	0.9455
MOBPH	SAV1	B	BDIN	90.68	0.0010	-0.001	0.050	-42.70	Improving	0.8183
MOBPH	SAV1	S	STP	22.62	0.0881	0.000	0.029	12.91	No trend	0.5296
MOBPH	SAV1	B	BTP	15.60	0.8062	0.000	0.036	-2.11	No trend	0.8824
MOBPH	SAV1	S	SPO4F	84.27	0.0000	0.000	0.010	-36.90	Improving	0.1837
MOBPH	SAV1	B	BPO4F	79.94	0.0000	0.000	0.010	-43.33	Improving	0.5179
MOBPH	SAV1	S	SCHLA	14.78	0.0017	0.155	5.733	53.95	Degrading	0.3586
MOBPH	SAV1	S	STSS	3.89	0.0656	-0.149	9.650	-30.94	No trend	0.8527
MOBPH	SAV1	B	BTSS	2.18	0.0977	-0.162	16.500	-19.60	No trend	0.2800
MOBPH	SAV1	S	SECCHI	0.00	0.0000	-0.019	1.275	-30.17	Degrading	0.9557
MOBPH	SAV1	B	BDO	0.00	0.0000	0.068	6.900	19.83	Improving	0.4056
MOBPH	SAV1	S	SSALINITY	0.00	0.0016	-0.125	22.293	-11.18	Decreasing	0.9574
MOBPH	SAV1	B	BSALINITY	0.00	0.0007	-0.127	22.723	-11.18	Decreasing	0.8389
MOBPH	SAV1	B	BWTEMP	0.00	0.3837	0.017	21.850	1.53	No trend	0.8593
MOBPH	SAV1	S	SWTEMP	0.00	0.8348	0.008	22.000	0.77	No trend	0.9704
RPPTF	SAV1	S	SCHLA	12.85	0.5231	-0.097	25.135	-7.71	No trend	0.3120
RPPTF	SAV1	S	STSS	0.81	0.3912	0.125	24.750	8.59	No trend	0.1523
RPPTF	SAV1	B	BTSS	1.09	0.8031	0.059	35.750	2.81	No trend	0.0550
RPPTF	SAV1	S	SECCHI	0.00	0.8156	0.000	0.400	0.00	No trend	0.6493
RPPTF	SAV1	B	BDO	0.00	0.6611	-0.005	7.875	-1.27	No trend	0.3691
RPPTF	SAV1	S	SSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.8799
RPPTF	SAV1	B	BSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.7214
RPPTF	SAV1	B	BWTEMP	0.00	0.5808	0.011	24.000	0.95	No trend	0.8233

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
RPPTF	SAV1	S	SWTEMP	0.00	0.7967	0.008	23.625	0.71	No trend	0.8213
RPPOH	SAV1	S	SCHLA	9.52	0.0000	0.520	9.325	111.57	Degrading	0.5278
RPPOH	SAV1	S	STSS	0.00	0.3220	-0.204	29.000	-11.97	No trend	0.6834
RPPOH	SAV1	B	BTSS	0.00	0.1198	0.500	41.000	20.73	No trend	0.3914
RPPOH	SAV1	S	SECCHI	0.00	0.0112	-0.004	0.575	-12.42	No trend	0.2151
RPPOH	SAV1	B	BDO	0.00	0.0464	0.025	6.575	7.60	No trend	0.2970
RPPOH	SAV1	S	SSALINITY	0.00	0.0062	-0.024	3.990	-11.82	Decreasing	0.9732
RPPOH	SAV1	B	BSALINITY	0.00	0.0237	-0.018	4.340	-8.06	No trend	0.9480
RPPOH	SAV1	B	BWTEMP	0.00	0.5189	0.015	24.650	1.19	No trend	0.2833
RPPOH	SAV1	S	SWTEMP	0.00	0.3026	0.025	24.075	2.08	No trend	0.1621
RPPMH	SAV1	S	SCHLA	7.63	0.0031	0.141	8.488	33.26	Degrading	0.4102
RPPMH	SAV1	S	STSS	11.41	0.2483	-0.086	6.750	-25.35	No trend	0.1070
RPPMH	SAV1	B	BTSS	3.13	0.1542	0.179	9.250	38.61	No trend	0.0464
RPPMH	SAV1	S	SECCHI	0.00	0.0859	-0.006	1.200	-10.42	No trend	0.0198
RPPMH	SAV1	B	BDO	0.00	0.1891	-0.017	5.950	-5.64	No trend	0.8948
RPPMH	SAV1	S	SSALINITY	0.00	0.0006	-0.156	16.060	-19.38	Decreasing	0.9785
RPPMH	SAV1	B	BSALINITY	0.00	0.0162	-0.100	17.018	-11.79	No trend	0.9586
RPPMH	SAV1	B	BWTEMP	0.00	0.0976	-0.030	22.975	-2.61	No trend	0.3544
RPPMH	SAV1	S	SWTEMP	0.00	0.2488	-0.027	23.100	-2.37	No trend	0.2938
CRRMH	SAV1	S	SCHLA	10.53	0.2105	0.070	11.240	12.46	No trend	0.7744
CRRMH	SAV1	S	STSS	25.36	0.0026	-0.143	8.000	-35.71	Improving	0.6573
CRRMH	SAV1	B	BTSS	20.66	0.0182	-0.273	10.750	-48.20	No trend	0.4756
CRRMH	SAV1	S	SECCHI	0.00	0.0000	-0.017	1.750	-19.05	Degrading	0.4481
CRRMH	SAV1	B	BDO	0.00	0.0136	-0.053	6.425	-16.38	No trend	0.9240
CRRMH	SAV1	S	SSALINITY	0.00	0.0001	-0.175	17.480	-20.02	Decreasing	0.9065
CRRMH	SAV1	B	BSALINITY	0.00	0.0010	-0.127	17.585	-14.44	Decreasing	0.9824
CRRMH	SAV1	B	BWTEMP	0.00	0.0156	-0.050	23.675	-4.22	No trend	0.0341
CRRMH	SAV1	S	SWTEMP	0.00	0.6150	-0.013	23.800	-1.09	No trend	0.3480
PIAMH	SAV1	S	STN	0.00	0.0002	-0.005	0.562	-16.44	Improving	0.1061
PIAMH	SAV1	B	BTN	0.00	0.0005	-0.005	0.641	-16.54	Improving	0.0940
PIAMH	SAV1	S	SDIN	13.75	0.0000	-0.002	0.050	-79.69	Improving	0.1727
PIAMH	SAV1	B	BDIN	11.88	0.0008	-0.002	0.094	-37.99	Improving	0.3094
PIAMH	SAV1	S	STP	1.25	0.6730	0.000	0.024	3.91	No trend	0.3002
PIAMH	SAV1	B	BTP	0.00	0.5393	0.000	0.030	-3.85	No trend	0.8088
PIAMH	SAV1	S	SPO4F	79.38	0.0000	0.000	0.010	-72.73	Improving	0.9724
PIAMH	SAV1	B	BPO4F	75.63	0.0000	0.000	0.010	-70.95	Improving	0.6099
PIAMH	SAV1	S	SCHLA	6.33	0.2515	0.066	7.765	17.06	No trend	0.6988
PIAMH	SAV1	S	STSS	11.25	0.0583	-0.122	5.750	-42.39	No trend	0.7332
PIAMH	SAV1	B	BTSS	3.13	0.0963	-0.147	12.625	-23.33	No trend	0.8226
PIAMH	SAV1	S	SECCHI	0.00	0.0001	-0.018	1.600	-22.32	Degrading	0.7194
PIAMH	SAV1	B	BDO	0.00	0.0000	0.070	6.775	20.54	Improving	0.7700
PIAMH	SAV1	S	SSALINITY	0.00	0.0015	-0.127	18.905	-13.42	Decreasing	0.9973
PIAMH	SAV1	B	BSALINITY	0.00	0.0007	-0.123	19.405	-12.65	Decreasing	0.9581
PIAMH	SAV1	B	BWTEMP	0.00	0.2291	-0.025	21.475	-2.33	No trend	0.6881
PIAMH	SAV1	S	SWTEMP	0.00	0.6917	-0.010	21.700	-0.92	No trend	0.7551
POCMH	SAV1	S	STN	0.00	0.0185	-0.006	0.718	-15.32	No trend	0.2535
POCMH	SAV1	B	BTN	0.00	0.0142	-0.005	0.708	-12.72	No trend	0.1431
POCMH	SAV1	S	SDIN	82.78	0.0000	-0.002	0.076	-58.81	Improving	0.8446
POCMH	SAV1	B	BDIN	82.89	0.0000	-0.002	0.072	-60.38	Improving	0.6307
POCMH	SAV1	S	STP	8.70	0.5077	0.000	0.035	-8.91	No trend	0.2860
POCMH	SAV1	B	BTP	11.71	0.1191	0.000	0.038	-10.46	No trend	0.0796
POCMH	SAV1	S	SPO4F	89.87	0.0000	0.000	0.010	-50.00	Improving	0.6727
POCMH	SAV1	B	BPO4F	90.23	0.0000	0.000	0.010	-48.17	Improving	0.9868
POCMH	SAV1	S	SCHLA	5.90	0.1284	0.065	8.958	14.43	No trend	0.7284
POCMH	SAV1	S	STSS	2.26	0.2390	-0.153	13.075	-23.39	No trend	0.2757
POCMH	SAV1	B	BTSS	1.61	0.5316	-0.096	18.425	-10.40	No trend	0.0467
POCMH	SAV1	S	SECCHI	0.00	0.0000	-0.013	1.075	-23.26	Degrading	0.0230
POCMH	SAV1	B	BDO	0.00	0.1505	0.013	6.950	3.68	No trend	0.3990
POCMH	SAV1	S	SSALINITY	0.00	0.0097	-0.095	19.110	-9.91	Decreasing	0.9973
POCMH	SAV1	B	BSALINITY	0.00	0.0147	-0.081	19.238	-8.47	No trend	0.9996

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
POCMH	SAV1	B	BWTEMP	0.00	0.8732	-0.002	22.975	-0.18	No trend	0.9673
POCMH	SAV1	S	SWTEMP	0.00	0.8733	0.003	23.225	0.23	No trend	0.9349
CB6PH	SAV1	S	STN	0.00	0.0020	-0.003	0.537	-10.29	Improving	0.1026
CB6PH	SAV1	B	BTN	0.00	0.0000	-0.006	0.546	-21.49	Improving	0.2703
CB6PH	SAV1	S	SDIN	75.79	0.2389	0.000	0.046	-19.66	No trend	0.8046
CB6PH	SAV1	B	BDIN	83.17	0.2697	-0.001	0.104	-13.12	No trend	0.0880
CB6PH	SAV1	S	STP	44.25	0.2860	0.000	0.026	6.30	No trend	0.2320
CB6PH	SAV1	B	BTP	15.37	0.6946	0.000	0.037	-3.28	No trend	0.1883
CB6PH	SAV1	S	SPO4F	87.91	0.0000	0.000	0.010	-43.63	Improving	0.2658
CB6PH	SAV1	B	BPO4F	68.20	0.0004	0.000	0.013	-30.08	Improving	0.0795
CB6PH	SAV1	S	SCHLA	14.90	0.0659	0.099	6.316	31.47	No trend	0.2791
CB6PH	SAV1	S	STSS	11.08	0.7591	-0.014	5.975	-4.60	No trend	0.7152
CB6PH	SAV1	B	BTSS	1.58	0.4768	0.064	11.950	10.66	No trend	0.1128
CB6PH	SAV1	S	SECCHI	0.00	0.0000	-0.025	1.975	-25.32	Degrading	0.6799
CB6PH	SAV1	B	BDO	0.00	0.0015	0.049	5.500	17.92	Improving	0.2403
CB6PH	SAV1	S	SSALINITY	0.00	0.0100	-0.103	20.023	-10.33	No trend	0.9828
CB6PH	SAV1	B	BSALINITY	0.00	0.0360	-0.065	24.260	-5.33	No trend	0.6437
CB6PH	SAV1	B	BWTEMP	0.00	0.1935	-0.027	21.650	-2.51	No trend	0.9990
CB6PH	SAV1	S	SWTEMP	0.00	0.4541	-0.014	22.225	-1.29	No trend	0.9996
CB7PH	SAV1	S	STN	0.00	0.0010	-0.004	0.489	-16.92	Improving	0.0365
CB7PH	SAV1	B	BTN	0.00	0.0000	-0.008	0.566	-28.35	Improving	0.0125
CB7PH	SAV1	S	SDIN	84.48	0.0279	-0.001	0.041	-26.00	No trend	0.8395
CB7PH	SAV1	B	BDIN	89.28	0.1513	-0.001	0.087	-18.98	No trend	0.0504
CB7PH	SAV1	S	STP	38.05	0.2387	0.000	0.026	-5.28	No trend	0.7388
CB7PH	SAV1	B	BTP	11.43	0.0001	0.000	0.045	-17.63	Improving	0.2167
CB7PH	SAV1	S	SPO4F	83.65	0.0000	0.000	0.010	-48.73	Improving	0.1341
CB7PH	SAV1	B	BPO4F	66.40	0.0000	0.000	0.013	-38.78	Improving	0.8768
CB7PH	SAV1	S	SCHLA	19.99	0.0041	0.096	4.548	42.34	Degrading	0.6582
CB7PH	SAV1	S	STSS	10.37	0.3325	-0.037	6.250	-11.85	No trend	0.8152
CB7PH	SAV1	B	BTSS	1.87	0.5561	-0.053	13.763	-7.70	No trend	0.0387
CB7PH	SAV1	S	SECCHI	0.00	0.0000	-0.029	2.125	-27.29	Degrading	0.7370
CB7PH	SAV1	B	BDO	0.00	0.0014	0.037	6.275	11.95	Improving	0.4888
CB7PH	SAV1	S	SSALINITY	0.00	0.0734	-0.067	21.330	-6.24	No trend	0.8835
CB7PH	SAV1	B	BSALINITY	0.00	0.1937	-0.040	25.370	-3.13	No trend	0.8814
CB7PH	SAV1	B	BWTEMP	0.00	0.1027	-0.030	21.925	-2.74	No trend	0.9880
CB7PH	SAV1	S	SWTEMP	0.00	0.7495	-0.004	22.600	-0.34	No trend	0.9928
CB8PH	SAV1	S	STN	0.00	0.0797	-0.002	0.465	-9.57	No trend	0.6841
CB8PH	SAV1	B	BTN	0.00	0.0180	-0.003	0.490	-12.53	No trend	0.3744
CB8PH	SAV1	S	SDIN	92.86	0.4006	0.000	0.020	23.79	No trend	0.8729
CB8PH	SAV1	B	BDIN	98.94	0.9401	0.000	0.032	-0.82	No trend	0.8697
CB8PH	SAV1	S	STP	27.00	0.0000	-0.001	0.041	-24.54	Improving	0.4782
CB8PH	SAV1	B	BTP	7.01	0.0000	-0.001	0.053	-29.06	Improving	0.7636
CB8PH	SAV1	S	SPO4F	66.46	0.0000	0.000	0.013	-67.92	Improving	0.3921
CB8PH	SAV1	B	BPO4F	47.90	0.0000	0.000	0.019	-50.32	Improving	0.8605
CB8PH	SAV1	S	SCHLA	26.34	0.0115	0.101	4.440	45.52	No trend	0.0950
CB8PH	SAV1	S	STSS	9.55	0.0303	0.086	6.350	27.20	No trend	0.7655
CB8PH	SAV1	B	BTSS	1.06	0.1805	0.092	10.825	17.08	No trend	0.3327
CB8PH	SAV1	S	SECCHI	0.00	0.0000	-0.038	2.200	-34.09	Degrading	0.9868
CB8PH	SAV1	B	BDO	0.00	0.0000	0.038	6.400	11.89	Improving	0.6082
CB8PH	SAV1	S	SSALINITY	0.00	0.0002	-0.141	25.298	-11.15	Decreasing	0.9855
CB8PH	SAV1	B	BSALINITY	0.00	0.0012	-0.056	29.920	-3.77	Decreasing	0.9333
CB8PH	SAV1	B	BWTEMP	0.00	0.2705	-0.031	19.375	-3.15	No trend	0.6776
CB8PH	SAV1	S	SWTEMP	0.00	0.2492	-0.021	21.575	-1.92	No trend	0.8043
APPTF	SAV2	S	SCHLA	1.60	0.0957	0.054	4.720	22.96	No trend	0.3926
APPTF	SAV2	S	STSS	0.00	0.1362	-0.203	9.688	-41.98	No trend	0.0634
APPTF	SAV2	B	BTSS	0.00	1.0000	0.000	9.688	0.00	No trend	0.0595
APPTF	SAV2	S	SECCHI	0.00	0.0370	-0.006	0.925	-12.01	No trend	0.3135
APPTF	SAV2	B	BDO	0.00	0.1095	0.015	8.300	3.65	No trend	0.1183
APPTF	SAV2	S	SSALINITY	0.00	0.0557	0.000	9.640	0.00	No trend	0.2394
APPTF	SAV2	B	BSALINITY	0.00	0.0595	0.000	9.640	0.00	No trend	0.2309



Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
APPTF	SAV2	B	BWTEMP	0.00	0.4534	0.031	18.625	3.30	No trend	0.1568
APPTF	SAV2	S	SWTEMP	0.00	0.3971	0.032	19.125	3.38	No trend	0.1381
JMSTF1	SAV2	S	SCHLA	2.26	0.0677	0.063	5.138	24.33	No trend	0.2461
JMSTF1	SAV2	S	STSS	0.22	0.6953	-0.059	9.688	-12.13	No trend	0.1894
JMSTF1	SAV2	B	BTSS	0.44	0.6370	-0.079	9.688	-16.31	No trend	0.5635
JMSTF1	SAV2	S	SECCHI	0.00	0.0013	-0.008	0.950	-17.54	Degrading	0.1611
JMSTF1	SAV2	B	BDO	0.00	0.0193	0.024	7.775	6.16	No trend	0.5345
JMSTF1	SAV2	S	SSALINITY	0.00	0.1972	0.000	9.665	0.00	No trend	0.1546
JMSTF1	SAV2	B	BSALINITY	0.00	0.2534	0.000	9.665	0.00	No trend	0.1095
JMSTF1	SAV2	B	BWTEMP	0.00	0.3560	0.031	18.000	3.46	No trend	0.2073
JMSTF1	SAV2	S	SWTEMP	0.00	0.2489	0.040	18.125	4.41	No trend	0.1443
JMSTF2	SAV2	S	SCHLA	37.09	0.9774	0.000	4.720	0.00	No trend	0.0217
JMSTF2	SAV2	S	STSS	16.85	0.1524	-0.196	9.688	-40.50	No trend	0.7829
JMSTF2	SAV2	B	BTSS	1.00	0.3724	-0.157	9.688	-32.44	No trend	0.2187
JMSTF2	SAV2	S	SECCHI	0.00	0.0639	-0.010	1.200	-16.67	No trend	0.1821
JMSTF2	SAV2	B	BDO	0.00	0.1202	0.017	7.575	4.40	No trend	0.1947
JMSTF2	SAV2	S	SSALINITY	0.00	0.2351	0.000	9.618	0.00	No trend	0.0370
JMSTF2	SAV2	B	BSALINITY	0.00	0.2985	0.000	9.618	0.00	No trend	0.0444
JMSTF2	SAV2	B	BWTEMP	0.00	0.4754	0.031	18.500	3.37	No trend	0.2003
JMSTF2	SAV2	S	SWTEMP	0.00	0.9040	-0.002	19.125	-0.23	No trend	0.6851
CHKOH	SAV2	S	SCHLA	1.30	0.0149	0.090	4.505	39.75	No trend	0.8364
CHKOH	SAV2	S	STSS	0.00	0.3055	-0.154	9.688	-31.71	No trend	0.7074
CHKOH	SAV2	B	BTSS	0.00	0.7635	-0.059	9.688	-12.13	No trend	0.3686
CHKOH	SAV2	S	SECCHI	0.00	0.0024	-0.011	1.400	-15.87	Degrading	0.2365
CHKOH	SAV2	B	BDO	0.00	0.0451	0.025	6.450	7.68	No trend	0.1453
CHKOH	SAV2	S	SSALINITY	0.00	0.3988	0.000	20.395	0.00	No trend	0.0207
CHKOH	SAV2	B	BSALINITY	0.00	0.3988	0.000	20.395	0.00	No trend	0.0207
CHKOH	SAV2	B	BWTEMP	0.00	0.6519	0.019	20.625	1.88	No trend	0.1197
CHKOH	SAV2	S	SWTEMP	0.00	0.6958	0.019	20.625	1.88	No trend	0.1676
JMSOH	SAV2	S	SCHLA	3.39	0.1206	0.054	4.720	22.70	No trend	0.3445
JMSOH	SAV2	S	STSS	1.00	0.0172	-0.322	9.688	-66.52	No trend	0.8108
JMSOH	SAV2	B	BTSS	0.00	0.0458	-0.300	9.688	-61.94	No trend	0.8674
JMSOH	SAV2	S	SECCHI	0.00	0.6185	0.000	0.875	0.00	No trend	0.0427
JMSOH	SAV2	B	BDO	0.00	0.6710	0.003	7.875	0.74	No trend	0.0123
JMSOH	SAV2	S	SSALINITY	0.00	0.5720	-0.003	11.015	-0.56	No trend	0.2308
JMSOH	SAV2	B	BSALINITY	0.00	0.5633	-0.006	11.213	-1.09	No trend	0.1942
JMSOH	SAV2	B	BWTEMP	0.00	0.4114	0.031	18.025	3.46	No trend	0.2551
JMSOH	SAV2	S	SWTEMP	0.00	0.3606	0.032	17.950	3.53	No trend	0.2381
JMSMH	SAV2	S	SCHLA	14.96	0.3362	0.030	4.693	12.93	No trend	0.1708
JMSMH	SAV2	S	STSS	0.63	0.4686	-0.093	13.950	-13.33	No trend	0.4826
JMSMH	SAV2	B	BTSS	1.01	0.8658	0.012	9.688	2.41	No trend	0.1732
JMSMH	SAV2	S	SECCHI	0.00	0.5277	0.000	1.025	0.00	No trend	0.0540
JMSMH	SAV2	B	BDO	0.00	0.9260	0.000	7.700	0.00	No trend	0.0057
JMSMH	SAV2	S	SSALINITY	0.00	0.1593	-0.072	16.950	-8.50	No trend	0.5455
JMSMH	SAV2	B	BSALINITY	0.00	0.2435	-0.056	18.513	-6.00	No trend	0.3561
JMSMH	SAV2	B	BWTEMP	0.00	0.2600	0.033	17.875	3.68	No trend	0.1609
JMSMH	SAV2	S	SWTEMP	0.00	0.4580	0.030	17.875	3.36	No trend	0.2791
JMSPH	SAV2	S	SCHLA	9.49	0.7809	0.009	7.060	2.44	No trend	0.0321
JMSPH	SAV2	S	STSS	1.63	0.8114	-0.008	10.000	-1.58	No trend	0.0419
JMSPH	SAV2	B	BTSS	0.27	0.3745	0.100	12.350	16.19	No trend	0.0142
JMSPH	SAV2	S	SECCHI	0.00	0.0280	-0.008	1.300	-12.33	No trend	0.2439
JMSPH	SAV2	B	BDO	0.00	0.0026	0.029	7.800	7.35	Improving	0.5224
JMSPH	SAV2	S	SSALINITY	0.00	0.0716	-0.079	20.395	-7.75	No trend	0.7447
JMSPH	SAV2	B	BSALINITY	0.00	0.0003	-0.134	21.685	-12.34	Decreasing	0.5865
JMSPH	SAV2	B	BWTEMP	0.00	0.1896	0.040	16.825	4.75	No trend	0.1087
JMSPH	SAV2	S	SWTEMP	0.00	0.7808	0.011	17.350	1.31	No trend	0.3383
EBEMH	SAV2	S	STN	0.00	0.0000	-0.010	0.670	-30.77	Improving	0.7777
EBEMH	SAV2	B	BTN	0.00	0.0000	-0.009	0.670	-27.80	Improving	0.9285
EBEMH	SAV2	S	SDIN	0.00	0.0517	-0.003	0.126	-41.76	No trend	0.7774
EBEMH	SAV2	B	BDIN	0.00	0.1005	-0.002	0.126	-33.43	No trend	0.9292

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
EBEMH	SAV2	S	STP	0.00	0.0001	-0.001	0.050	-33.93	Improving	0.0189
EBEMH	SAV2	B	BTP	0.00	0.0005	-0.001	0.050	-26.58	Improving	0.0461
EBEMH	SAV2	S	SPO4F	0.93	0.4266	0.000	0.013	-5.83	No trend	0.9053
EBEMH	SAV2	B	BPO4F	0.93	0.2777	0.000	0.013	-12.21	No trend	0.8501
EBEMH	SAV2	S	SCHLA	1.85	0.2691	0.036	4.505	15.86	No trend	0.0758
EBEMH	SAV2	S	STSS	0.00	0.0635	-0.225	9.688	-46.49	No trend	0.7705
EBEMH	SAV2	B	BTSS	0.00	0.0515	-0.250	9.688	-51.61	No trend	0.9017
EBEMH	SAV2	S	SECCHI	0.00	0.1153	-0.004	1.400	-6.22	No trend	0.1582
EBEMH	SAV2	B	BDO	0.00	0.0008	0.036	6.450	11.21	Improving	0.6991
EBEMH	SAV2	S	SSALINITY	0.00	0.5133	-0.032	20.395	-3.13	No trend	0.1189
EBEMH	SAV2	B	BSALINITY	0.00	0.0729	-0.082	20.395	-8.05	No trend	0.4573
EBEMH	SAV2	B	BWTEMP	0.00	0.2125	0.057	20.625	5.54	No trend	0.0241
EBEMH	SAV2	S	SWTEMP	0.00	0.5841	0.023	20.625	2.21	No trend	0.2004
WBEMH	SAV2	S	STN	0.00	0.0000	-0.011	0.670	-32.15	Improving	0.8931
WBEMH	SAV2	B	BTN	0.00	0.0001	-0.010	0.670	-29.30	Improving	0.8171
WBEMH	SAV2	S	SDIN	4.59	0.1625	-0.002	0.126	-23.80	No trend	0.8468
WBEMH	SAV2	B	BDIN	0.92	0.0610	-0.002	0.126	-32.14	No trend	0.9665
WBEMH	SAV2	S	STP	0.00	0.0022	-0.001	0.050	-29.35	Improving	0.0599
WBEMH	SAV2	B	BTP	0.00	0.0085	-0.001	0.050	-22.67	Improving	0.0312
WBEMH	SAV2	S	SPO4F	6.42	0.0516	0.000	0.013	-19.23	No trend	0.1860
WBEMH	SAV2	B	BPO4F	5.45	0.0703	0.000	0.013	-18.85	No trend	0.3670
WBEMH	SAV2	S	SCHLA	0.00	0.4158	0.025	4.505	11.22	No trend	0.0376
WBEMH	SAV2	S	STSS	0.00	0.2802	-0.162	9.688	-33.43	No trend	0.1105
WBEMH	SAV2	B	BTSS	0.00	0.4653	-0.096	9.688	-19.92	No trend	0.0911
WBEMH	SAV2	S	SECCHI	0.00	0.0257	-0.006	1.400	-9.23	No trend	0.2236
WBEMH	SAV2	B	BDO	0.00	0.0056	0.031	6.450	9.72	Improving	0.6051
WBEMH	SAV2	S	SSALINITY	0.00	0.5331	-0.030	20.395	-2.97	No trend	0.1235
WBEMH	SAV2	B	BSALINITY	0.00	0.3383	-0.038	20.395	-3.76	No trend	0.2344
WBEMH	SAV2	B	BWTEMP	0.00	0.5035	0.031	20.625	3.02	No trend	0.1680
WBEMH	SAV2	S	SWTEMP	0.00	0.8196	0.015	20.625	1.47	No trend	0.3562
SBEMH	SAV2	S	STN	0.00	0.0000	-0.011	0.670	-33.90	Improving	0.9893
SBEMH	SAV2	B	BTN	0.00	0.0055	-0.008	0.670	-22.96	Improving	0.0718
SBEMH	SAV2	S	SDIN	0.00	0.0127	-0.003	0.126	-53.81	No trend	0.9975
SBEMH	SAV2	B	BDIN	0.00	0.3159	-0.001	0.126	-21.00	No trend	0.3921
SBEMH	SAV2	S	STP	0.00	0.0002	-0.001	0.050	-32.01	Improving	0.0325
SBEMH	SAV2	B	BTP	0.00	0.0014	-0.001	0.050	-29.61	Improving	0.0260
SBEMH	SAV2	S	SPO4F	1.36	0.4097	0.000	0.013	-9.23	No trend	0.9188
SBEMH	SAV2	B	BPO4F	0.90	0.1842	0.000	0.013	-19.23	No trend	0.6549
SBEMH	SAV2	S	SCHLA	0.91	0.3183	0.030	4.505	13.47	No trend	0.0800
SBEMH	SAV2	S	STSS	0.00	0.0497	-0.218	9.688	-44.99	No trend	0.6115
SBEMH	SAV2	B	BTSS	0.00	0.0169	-0.283	9.688	-58.40	No trend	0.7606
SBEMH	SAV2	S	SECCHI	0.00	0.1356	-0.006	1.400	-8.04	No trend	0.1317
SBEMH	SAV2	B	BDO	0.00	0.0003	0.039	6.450	12.09	Improving	0.7595
SBEMH	SAV2	S	SSALINITY	0.00	0.5133	-0.031	20.395	-3.01	No trend	0.1198
SBEMH	SAV2	B	BSALINITY	0.00	0.0121	-0.132	20.395	-12.92	No trend	0.7006
SBEMH	SAV2	B	BWTEMP	0.00	0.0728	0.086	20.625	8.33	No trend	0.0044
SBEMH	SAV2	S	SWTEMP	0.00	0.4116	0.040	20.625	3.88	No trend	0.1140
ELIPH	SAV2	S	SCHLA	10.03	0.3363	0.029	5.138	11.28	No trend	0.0973
ELIPH	SAV2	S	STSS	1.93	0.2939	-0.129	9.688	-26.67	No trend	0.7012
ELIPH	SAV2	B	BTSS	0.00	0.4747	-0.110	9.688	-22.75	No trend	0.6599
ELIPH	SAV2	S	SECCHI	0.00	0.0019	-0.011	1.250	-17.78	Degrading	0.2428
ELIPH	SAV2	B	BDO	0.00	0.0286	0.017	7.425	4.68	No trend	0.1009
ELIPH	SAV2	S	SSALINITY	0.00	0.1048	-0.078	20.050	-7.78	No trend	0.7309
ELIPH	SAV2	B	BSALINITY	0.00	0.0235	-0.086	21.005	-8.19	No trend	0.9626
ELIPH	SAV2	B	BWTEMP	0.00	0.2716	0.042	16.950	4.94	No trend	0.1368
ELIPH	SAV2	S	SWTEMP	0.00	0.1378	0.048	17.875	5.38	No trend	0.0605
PMKTF	SAV2	S	SCHLA	29.28	0.5794	0.000	3.150	0.00	No trend	0.0003
PMKTF	SAV2	S	STSS	1.99	0.7982	0.012	9.688	2.41	No trend	0.1313
PMKTF	SAV2	B	BTSS	1.34	0.4243	-0.111	9.688	-22.94	No trend	0.4760
PMKTF	SAV2	S	SECCHI	0.00	0.0001	-0.014	1.200	-22.73	Degrading	0.3374

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
PMKTF	SAV2	B	BDO	0.00	0.0058	0.027	7.125	7.67	Improving	0.5156
PMKTF	SAV2	S	SSALINITY	0.00	0.3080	0.000	9.640	0.00	No trend	0.0483
PMKTF	SAV2	B	BSALINITY	0.00	0.3095	0.000	9.640	0.00	No trend	0.0484
PMKTF	SAV2	B	BWTEMP	0.00	0.1063	-0.043	18.750	-4.60	No trend	0.9561
PMKTF	SAV2	S	SWTEMP	0.00	0.0848	-0.050	18.875	-5.25	No trend	0.9500
PMKOH	SAV2	S	SCHLA	7.53	0.1151	0.032	4.505	14.10	No trend	0.3997
PMKOH	SAV2	S	STSS	0.61	0.0909	-0.267	29.500	-18.08	No trend	0.5297
PMKOH	SAV2	B	BTSS	0.00	0.1530	-0.250	9.688	-51.61	No trend	0.6364
PMKOH	SAV2	S	SECCHI	0.00	0.5708	0.000	0.750	0.00	No trend	0.0272
PMKOH	SAV2	B	BDO	0.00	0.0018	0.031	7.150	8.74	Improving	0.3878
PMKOH	SAV2	S	SSALINITY	0.00	0.2109	-0.032	12.155	-5.27	No trend	0.6094
PMKOH	SAV2	B	BSALINITY	0.00	0.0958	-0.043	12.260	-6.93	No trend	0.7889
PMKOH	SAV2	B	BWTEMP	0.00	0.0457	-0.050	17.975	-5.56	No trend	0.5035
PMKOH	SAV2	S	SWTEMP	0.00	0.0364	-0.047	18.050	-5.21	No trend	0.4191
MPNTF	SAV2	S	SCHLA	34.76	0.4722	0.000	3.436	0.00	No trend	0.0003
MPNTF	SAV2	S	STSS	13.64	0.8449	0.000	9.688	0.00	No trend	0.2060
MPNTF	SAV2	B	BTSS	8.61	0.6531	-0.065	9.688	-13.42	No trend	0.4104
MPNTF	SAV2	S	SECCHI	0.00	0.0000	-0.018	1.200	-30.30	Degrading	0.2144
MPNTF	SAV2	B	BDO	0.00	0.0055	0.027	7.175	7.67	Improving	0.6119
MPNTF	SAV2	S	SSALINITY	0.00	0.0553	0.000	9.618	0.00	No trend	0.1905
MPNTF	SAV2	B	BSALINITY	0.00	0.0553	0.000	9.618	0.00	No trend	0.1905
MPNTF	SAV2	B	BWTEMP	0.00	0.2106	-0.029	18.500	-3.12	No trend	0.9625
MPNTF	SAV2	S	SWTEMP	0.00	0.3285	-0.022	18.625	-2.39	No trend	0.9295
MPNOH	SAV2	S	SCHLA	14.05	0.0531	0.025	3.436	14.71	No trend	0.4510
MPNOH	SAV2	S	STSS	0.60	0.6401	-0.093	13.900	-13.38	No trend	0.2964
MPNOH	SAV2	B	BTSS	0.00	0.3859	-0.174	10.000	-34.85	No trend	0.4806
MPNOH	SAV2	S	SECCHI	0.00	0.4910	0.000	0.850	0.00	No trend	0.0168
MPNOH	SAV2	B	BDO	0.00	0.0028	0.030	7.150	8.39	Improving	0.6762
MPNOH	SAV2	S	SSALINITY	0.00	0.3659	-0.005	11.303	-0.97	No trend	0.2757
MPNOH	SAV2	B	BSALINITY	0.00	0.3478	-0.010	11.768	-1.70	No trend	0.2405
MPNOH	SAV2	B	BWTEMP	0.00	0.1697	-0.027	17.975	-3.03	No trend	0.9647
MPNOH	SAV2	S	SWTEMP	0.00	0.2276	-0.023	18.125	-2.48	No trend	0.9505
YRKMh	SAV2	S	SCHLA	2.68	0.0090	0.098	6.343	31.03	Degrading	0.6912
YRKMh	SAV2	S	STSS	0.00	0.4746	-0.144	9.688	-29.66	No trend	0.5918
YRKMh	SAV2	B	BTSS	0.34	0.7842	0.019	9.688	3.89	No trend	0.1154
YRKMh	SAV2	S	SECCHI	0.00	0.4192	0.000	0.850	0.00	No trend	0.0160
YRKMh	SAV2	B	BDO	0.00	0.0232	0.026	7.100	7.35	No trend	0.4706
YRKMh	SAV2	S	SSALINITY	0.00	0.1451	-0.060	15.970	-7.51	No trend	0.7256
YRKMh	SAV2	B	BSALINITY	0.00	0.1378	-0.065	16.468	-7.83	No trend	0.5341
YRKMh	SAV2	B	BWTEMP	0.00	0.0514	-0.050	17.875	-5.59	No trend	0.8506
YRKMh	SAV2	S	SWTEMP	0.00	0.0226	-0.058	18.075	-6.45	No trend	0.6937
YRKPH	SAV2	S	SCHLA	6.70	0.0849	0.056	6.783	16.51	No trend	0.3429
YRKPH	SAV2	S	STSS	5.75	0.7575	0.013	9.188	2.72	No trend	0.1346
YRKPH	SAV2	B	BTSS	1.02	0.9879	0.000	9.688	0.00	No trend	0.2326
YRKPH	SAV2	S	SECCHI	0.00	0.0013	-0.015	1.350	-22.51	Degrading	0.1821
YRKPH	SAV2	B	BDO	0.00	0.0424	0.025	7.400	6.71	No trend	0.2343
YRKPH	SAV2	S	SSALINITY	0.00	0.0581	-0.073	19.925	-7.33	No trend	0.8945
YRKPH	SAV2	B	BSALINITY	0.00	0.4662	-0.024	20.585	-2.35	No trend	0.2025
YRKPH	SAV2	B	BWTEMP	0.00	0.0170	-0.053	17.300	-6.17	No trend	0.8417
YRKPH	SAV2	S	SWTEMP	0.00	0.0153	-0.057	17.425	-6.59	No trend	0.7780
MOBPH	SAV2	S	STN	0.00	0.0000	-0.006	0.517	-24.51	Improving	0.7311
MOBPH	SAV2	B	BTN	0.00	0.0000	-0.007	0.542	-26.94	Improving	0.8588
MOBPH	SAV2	S	SDIN	96.39	0.0045	-0.002	0.103	-29.45	Improving	0.9932
MOBPH	SAV2	B	BDIN	89.72	0.0081	-0.001	0.113	-26.38	Improving	0.9961
MOBPH	SAV2	S	STP	8.48	0.0867	0.000	0.033	-10.26	No trend	0.0362
MOBPH	SAV2	B	BTP	4.73	0.1302	0.000	0.035	-10.18	No trend	0.0610
MOBPH	SAV2	S	SPO4F	86.21	0.0001	0.000	0.011	-29.30	Improving	0.0034
MOBPH	SAV2	B	BPO4F	75.30	0.0004	0.000	0.011	-25.56	Improving	0.0128
MOBPH	SAV2	S	SCHLA	8.44	0.1344	0.047	4.530	20.55	No trend	0.3850
MOBPH	SAV2	S	STSS	2.18	0.0713	-0.159	9.650	-32.90	No trend	0.6622

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
MOBPH	SAV2	B	BTSS	1.31	0.3603	-0.083	11.250	-14.74	No trend	0.2450
MOBPH	SAV2	S	SECCHI	0.00	0.0002	-0.018	1.500	-23.81	Degrading	0.1557
MOBPH	SAV2	B	BDO	0.00	0.0000	0.046	7.675	12.06	Improving	0.2199
MOBPH	SAV2	S	SSALINITY	0.00	0.0329	-0.094	20.085	-9.36	No trend	0.9578
MOBPH	SAV2	B	BSALINITY	0.00	0.0388	-0.085	20.085	-8.47	No trend	0.9477
MOBPH	SAV2	B	BWTEMP	0.00	0.7404	-0.011	17.000	-1.24	No trend	0.4901
MOBPH	SAV2	S	SWTEMP	0.00	0.9577	0.000	17.600	-0.04	No trend	0.2449
RPPTF	SAV2	S	SCHLA	7.97	0.0171	0.074	4.495	32.78	No trend	0.6161
RPPTF	SAV2	S	STSS	0.66	0.5780	0.050	9.688	10.32	No trend	0.0945
RPPTF	SAV2	B	BTSS	1.10	0.8805	0.009	9.688	1.81	No trend	0.2014
RPPTF	SAV2	S	SECCHI	0.00	0.0047	-0.008	1.400	-11.90	Degrading	0.3950
RPPTF	SAV2	B	BDO	0.00	0.0044	0.031	7.875	7.86	Improving	0.7937
RPPTF	SAV2	S	SSALINITY	0.00	0.9339	0.000	9.618	0.00	No trend	0.0007
RPPTF	SAV2	B	BSALINITY	0.00	0.9603	0.000	9.618	0.00	No trend	0.0008
RPPTF	SAV2	B	BWTEMP	0.00	0.9465	0.000	17.875	0.00	No trend	0.5044
RPPTF	SAV2	S	SWTEMP	0.00	0.9146	-0.001	17.875	-0.09	No trend	0.5474
RPPOH	SAV2	S	SCHLA	5.38	0.0006	0.117	3.844	60.88	Degrading	0.7482
RPPOH	SAV2	S	STSS	0.66	0.1036	-0.252	9.688	-52.01	No trend	0.7923
RPPOH	SAV2	B	BTSS	0.68	0.7981	-0.059	9.688	-12.13	No trend	0.3785
RPPOH	SAV2	S	SECCHI	0.00	0.1647	0.000	0.800	0.00	No trend	0.1523
RPPOH	SAV2	B	BDO	0.00	0.0031	0.033	7.875	8.36	Improving	0.8710
RPPOH	SAV2	S	SSALINITY	0.00	0.0427	-0.003	10.695	-0.47	No trend	0.8437
RPPOH	SAV2	B	BSALINITY	0.00	0.0448	-0.006	19.225	-0.64	No trend	0.8709
RPPOH	SAV2	B	BWTEMP	0.00	0.2379	-0.025	18.900	-2.65	No trend	0.9238
RPPOH	SAV2	S	SWTEMP	0.00	0.3537	-0.022	17.875	-2.51	No trend	0.7726
RPPMH	SAV2	S	SCHLA	4.86	0.0850	0.057	5.603	20.44	No trend	0.4689
RPPMH	SAV2	S	STSS	10.12	0.4414	-0.069	9.000	-15.44	No trend	0.5653
RPPMH	SAV2	B	BTSS	4.07	0.4186	0.079	8.650	18.29	No trend	0.1017
RPPMH	SAV2	S	SECCHI	0.00	0.0115	-0.011	1.250	-17.78	No trend	0.0071
RPPMH	SAV2	B	BDO	0.00	0.0396	0.023	7.375	6.29	No trend	0.4814
RPPMH	SAV2	S	SSALINITY	0.00	0.0204	-0.098	17.173	-11.43	No trend	0.9499
RPPMH	SAV2	B	BSALINITY	0.00	0.0165	-0.100	17.413	-11.46	No trend	0.9620
RPPMH	SAV2	B	BWTEMP	0.00	0.0826	-0.035	16.250	-4.27	No trend	0.8228
RPPMH	SAV2	S	SWTEMP	0.00	0.1378	-0.033	17.800	-3.74	No trend	0.7570
RPPMH	SAV2	S	SCHLA	4.71	0.0736	0.054	5.138	21.03	No trend	0.5023
CRRMH	SAV2	S	STSS	25.29	0.0258	-0.167	8.000	-41.67	No trend	0.7654
CRRMH	SAV2	B	BTSS	15.23	0.3021	-0.103	9.375	-21.87	No trend	0.6819
CRRMH	SAV2	S	SECCHI	0.00	0.0005	-0.018	1.850	-19.31	Degrading	0.1794
CRRMH	SAV2	B	BDO	0.00	0.1626	0.018	7.725	4.53	No trend	0.1424
CRRMH	SAV2	S	SSALINITY	0.00	0.0153	-0.101	17.723	-11.41	No trend	0.9755
CRRMH	SAV2	B	BSALINITY	0.00	0.0126	-0.100	17.768	-11.21	No trend	0.9541
CRRMH	SAV2	B	BWTEMP	0.00	0.0152	-0.050	17.825	-5.61	No trend	0.6194
CRRMH	SAV2	S	SWTEMP	0.00	0.3077	-0.024	17.875	-2.73	No trend	0.8755
PIAMH	SAV2	S	STN	0.00	0.0001	-0.008	0.607	-26.02	Improving	0.7103
PIAMH	SAV2	B	BTN	0.00	0.0008	-0.007	0.629	-23.01	Improving	0.2489
PIAMH	SAV2	S	SDIN	17.62	0.0470	-0.002	0.118	-25.41	No trend	0.9895
PIAMH	SAV2	B	BDIN	9.69	0.0506	-0.002	0.126	-29.83	No trend	0.9806
PIAMH	SAV2	S	STP	0.44	0.0010	0.000	0.035	-22.08	Improving	0.0588
PIAMH	SAV2	B	BTP	0.00	0.0455	0.000	0.035	-10.83	No trend	0.0211
PIAMH	SAV2	S	SPO4F	75.33	0.0000	0.000	0.011	-42.80	Improving	0.0003
PIAMH	SAV2	B	BPO4F	68.28	0.0000	0.000	0.011	-48.86	Improving	0.0000
PIAMH	SAV2	S	SCHLA	4.00	0.4376	0.025	5.138	9.59	No trend	0.1224
PIAMH	SAV2	S	STSS	6.61	0.0377	-0.141	8.338	-33.71	No trend	0.4628
PIAMH	SAV2	B	BTSS	1.76	0.3085	-0.088	9.688	-18.06	No trend	0.7609
PIAMH	SAV2	S	SECCHI	0.00	0.0004	-0.020	1.725	-23.19	Degrading	0.2862
PIAMH	SAV2	B	BDO	0.00	0.0000	0.044	7.875	11.10	Improving	0.9144
PIAMH	SAV2	S	SSALINITY	0.00	0.0099	-0.108	18.448	-11.75	Decreasing	0.9216
PIAMH	SAV2	B	BSALINITY	0.00	0.0078	-0.109	18.628	-11.73	Decreasing	0.9323
PIAMH	SAV2	B	BWTEMP	0.00	0.2715	-0.024	17.075	-2.81	No trend	0.3244
PIAMH	SAV2	S	SWTEMP	0.00	0.5871	-0.013	17.475	-1.43	No trend	0.1453

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
POCMH	SAV2	S	STN	0.00	0.0148	-0.006	0.629	-18.68	No trend	0.1396
POCMH	SAV2	B	BTN	0.00	0.0363	-0.005	0.635	-14.62	No trend	0.0646
POCMH	SAV2	S	SDIN	87.53	0.0138	-0.002	0.118	-35.93	No trend	0.9793
POCMH	SAV2	B	BDIN	86.08	0.0123	-0.002	0.118	-32.61	No trend	0.9908
POCMH	SAV2	S	STP	4.02	0.6518	0.000	0.035	-1.88	No trend	0.0184
POCMH	SAV2	B	BTP	5.67	0.9682	0.000	0.038	0.00	No trend	0.0088
POCMH	SAV2	S	SPO4F	92.34	0.0000	0.000	0.011	-39.68	Improving	0.0012
POCMH	SAV2	B	BPO4F	92.11	0.0002	0.000	0.011	-30.73	Improving	0.0165
POCMH	SAV2	S	SCHLA	3.79	0.0401	0.063	5.305	23.81	No trend	0.6697
POCMH	SAV2	S	STSS	1.63	0.5868	-0.082	11.575	-14.20	No trend	0.5986
POCMH	SAV2	B	BTSS	0.93	0.7909	0.012	12.450	1.99	No trend	0.0544
POCMH	SAV2	S	SECCHI	0.00	0.0000	-0.023	1.425	-31.79	Degrading	0.1366
POCMH	SAV2	B	BDO	0.00	0.1514	0.013	7.875	3.20	No trend	0.1440
POCMH	SAV2	S	SSALINITY	0.00	0.0050	-0.101	19.023	-10.63	Decreasing	0.9955
POCMH	SAV2	B	BSALINITY	0.00	0.0352	-0.081	19.055	-8.52	No trend	0.9043
POCMH	SAV2	B	BWTEMP	0.00	0.8945	0.000	17.500	-0.04	No trend	0.5066
POCMH	SAV2	S	SWTEMP	0.00	0.9156	-0.001	17.625	-0.15	No trend	0.4994
CB6PH	SAV2	S	STN	0.00	0.0002	-0.008	0.629	-24.69	Improving	0.6092
CB6PH	SAV2	B	BTN	0.00	0.0000	-0.008	0.619	-25.77	Improving	0.5490
CB6PH	SAV2	S	SDIN	86.16	0.0827	-0.002	0.126	-29.08	No trend	0.9633
CB6PH	SAV2	B	BDIN	78.40	0.1244	-0.001	0.118	-24.80	No trend	0.9303
CB6PH	SAV2	S	STP	22.23	0.0070	0.000	0.029	-12.61	Improving	0.0582
CB6PH	SAV2	B	BTP	8.22	0.0631	0.000	0.036	-11.40	No trend	0.0511
CB6PH	SAV2	S	SPO4F	88.42	0.0000	0.000	0.011	-30.08	Improving	0.0018
CB6PH	SAV2	B	BPO4F	46.22	0.0000	0.000	0.011	-31.75	Improving	0.0027
CB6PH	SAV2	S	SCHLA	10.21	0.1897	0.043	4.720	18.04	No trend	0.2576
CB6PH	SAV2	S	STSS	8.23	0.2597	-0.074	7.650	-19.35	No trend	0.4091
CB6PH	SAV2	B	BTSS	1.22	0.8736	0.009	10.325	1.82	No trend	0.0926
CB6PH	SAV2	S	SECCHI	0.00	0.0013	-0.017	1.850	-18.55	Degrading	0.2413
CB6PH	SAV2	B	BDO	0.00	0.0004	0.033	7.175	9.18	Improving	0.4545
CB6PH	SAV2	S	SSALINITY	0.00	0.0159	-0.096	19.060	-10.04	No trend	0.9804
CB6PH	SAV2	B	BSALINITY	0.00	0.1244	-0.057	21.405	-5.31	No trend	0.7665
CB6PH	SAV2	B	BWTEMP	0.00	0.4038	-0.020	16.400	-2.47	No trend	0.5324
CB6PH	SAV2	S	SWTEMP	0.00	0.6618	-0.010	17.125	-1.11	No trend	0.4020
CB7PH	SAV2	S	STN	0.00	0.0007	-0.007	0.611	-24.20	Improving	0.5158
CB7PH	SAV2	B	BTN	0.00	0.0001	-0.007	0.584	-24.61	Improving	0.7194
CB7PH	SAV2	S	SDIN	90.21	0.0440	-0.002	0.118	-25.75	No trend	0.9702
CB7PH	SAV2	B	BDIN	87.24	0.1526	-0.001	0.113	-19.57	No trend	0.9189
CB7PH	SAV2	S	STP	21.13	0.0020	0.000	0.030	-16.24	Improving	0.0432
CB7PH	SAV2	B	BTP	6.34	0.0315	0.000	0.036	-13.99	No trend	0.0845
CB7PH	SAV2	S	SPO4F	85.40	0.0000	0.000	0.011	-29.30	Improving	0.0035
CB7PH	SAV2	B	BPO4F	51.60	0.0015	0.000	0.011	-29.98	Improving	0.0657
CB7PH	SAV2	S	SCHLA	16.97	0.1896	0.033	4.505	14.51	No trend	0.1969
CB7PH	SAV2	S	STSS	8.79	0.0872	-0.100	7.075	-28.27	No trend	0.8342
CB7PH	SAV2	B	BTSS	1.54	0.9894	0.000	10.925	0.00	No trend	0.1436
CB7PH	SAV2	S	SECCHI	0.00	0.0061	-0.017	2.050	-16.26	Degrading	0.0791
CB7PH	SAV2	B	BDO	0.00	0.0006	0.034	7.700	8.91	Improving	0.4723
CB7PH	SAV2	S	SSALINITY	0.00	0.0159	-0.099	20.085	-9.86	No trend	0.7972
CB7PH	SAV2	B	BSALINITY	0.00	0.0951	-0.058	21.685	-5.31	No trend	0.7162
CB7PH	SAV2	B	BWTEMP	0.00	0.5161	-0.013	15.800	-1.58	No trend	0.4850
CB7PH	SAV2	S	SWTEMP	0.00	0.9683	0.000	16.225	0.00	No trend	0.4293
CB8PH	SAV2	S	STN	0.00	0.0003	-0.007	0.617	-21.88	Improving	0.2944
CB8PH	SAV2	B	BTN	0.15	0.0018	-0.006	0.614	-18.74	Improving	0.1888
CB8PH	SAV2	S	SDIN	96.33	0.4234	0.000	0.086	-8.69	No trend	0.6566
CB8PH	SAV2	B	BDIN	99.56	0.1880	0.000	0.074	-13.37	No trend	0.8698
CB8PH	SAV2	S	STP	19.50	0.0000	-0.001	0.044	-27.36	Improving	0.0059
CB8PH	SAV2	B	BTP	4.88	0.0106	0.000	0.050	-16.84	No trend	0.0750
CB8PH	SAV2	S	SPO4F	67.11	0.0000	0.000	0.011	-45.45	Improving	0.0001
CB8PH	SAV2	B	BPO4F	32.40	0.0001	0.000	0.012	-43.48	Improving	0.0044
CB8PH	SAV2	S	SCHLA	21.43	0.1836	0.040	4.720	16.80	No trend	0.2529

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
CB8PH	SAV2	S	STSS	9.60	0.7652	-0.024	6.925	-6.88	No trend	0.4543
CB8PH	SAV2	B	BTSS	0.89	0.7860	0.015	9.688	3.10	No trend	0.0466
CB8PH	SAV2	S	SECCHI	0.00	0.0018	-0.017	1.975	-16.88	Degrading	0.2673
CB8PH	SAV2	B	BDO	0.00	0.0002	0.034	7.875	8.67	Improving	0.2114
CB8PH	SAV2	S	SSALINITY	0.00	0.0211	-0.100	21.480	-9.29	No trend	0.8422
CB8PH	SAV2	B	BSALINITY	0.00	0.0052	-0.075	24.785	-6.06	Decreasing	0.8097
CB8PH	SAV2	B	BWTEMP	0.00	0.2543	-0.025	15.575	-3.21	No trend	0.1178
CB8PH	SAV2	S	SWTEMP	0.00	0.6061	-0.015	16.050	-1.87	No trend	0.0625
APPTF	Spring1	S	SCHLA	9.33	0.8404	-0.008	13.025	-1.15	No trend	0.5715
APPTF	Spring1	S	STSS	0.00	0.4234	-0.182	23.750	-13.01	No trend	0.0113
APPTF	Spring1	B	BTSS	0.00	0.0634	1.083	26.250	70.16	No trend	0.1305
APPTF	Spring1	S	SECCHI	0.00	0.5019	0.000	0.525	0.00	No trend	0.9045
APPTF	Spring1	B	BDO	0.00	0.4433	-0.010	9.700	-2.06	No trend	0.4978
APPTF	Spring1	S	SSALINITY	0.00	0.5896	0.000	0.010	0.00	No trend	0.2582
APPTF	Spring1	B	BSALINITY	0.00	0.4915	0.000	0.010	0.00	No trend	0.3009
APPTF	Spring1	B	BWTEMP	0.00	0.0218	0.139	17.250	16.09	No trend	0.5161
APPTF	Spring1	S	SWTEMP	0.00	0.0148	0.133	18.250	14.61	No trend	0.5558
JMSTF1	Spring1	S	SCHLA	6.91	0.8716	0.014	10.720	2.55	No trend	0.1569
JMSTF1	Spring1	S	STSS	0.00	0.2999	0.296	24.250	20.74	No trend	0.1884
JMSTF1	Spring1	B	BTSS	0.53	0.3482	0.779	41.500	31.89	No trend	0.9621
JMSTF1	Spring1	S	SECCHI	0.00	0.0199	-0.006	0.625	-20.00	No trend	0.1844
JMSTF1	Spring1	B	BDO	0.00	0.6935	0.010	9.325	2.14	No trend	0.7825
JMSTF1	Spring1	S	SSALINITY	0.00	0.1093	0.000	0.010	0.00	No trend	0.7534
JMSTF1	Spring1	B	BSALINITY	0.00	0.0688	0.000	0.010	0.00	No trend	0.7456
JMSTF1	Spring1	B	BWTEMP	0.00	0.0139	0.128	16.250	15.74	No trend	0.9743
JMSTF1	Spring1	S	SWTEMP	0.00	0.0061	0.125	16.375	15.27	Increasing	0.9597
JMSTF2	Spring1	S	SCHLA	43.13	0.0080	0.000	6.300	0.00	Unchanged	0.9383
JMSTF2	Spring1	S	STSS	7.65	0.4788	-0.134	9.000	-25.30	No trend	0.6360
JMSTF2	Spring1	B	BTSS	0.00	0.8090	0.045	17.500	4.42	No trend	0.1089
JMSTF2	Spring1	S	SECCHI	0.00	0.7394	0.000	1.100	0.00	No trend	0.5123
JMSTF2	Spring1	B	BDO	0.00	0.4312	-0.021	8.925	-4.74	No trend	0.9459
JMSTF2	Spring1	S	SSALINITY	0.00	0.0208	0.000	0.010	0.00	No trend	0.8722
JMSTF2	Spring1	B	BSALINITY	0.00	0.0107	0.000	0.010	0.00	No trend	0.9153
JMSTF2	Spring1	B	BWTEMP	0.00	0.0280	0.141	15.625	18.04	No trend	0.5814
JMSTF2	Spring1	S	SWTEMP	0.00	0.3570	0.075	17.875	8.39	No trend	0.8758
CHKOH	Spring1	S	SCHLA	1.59	0.3512	0.328	17.378	32.07	No trend	0.7612
CHKOH	Spring1	S	STSS	0.00	0.9798	0.000	18.500	0.00	No trend	0.6629
CHKOH	Spring1	B	BTSS	0.00	0.2363	0.715	25.000	48.65	No trend	0.5804
CHKOH	Spring1	S	SECCHI	0.00	0.0345	-0.011	0.625	-28.71	No trend	0.3221
CHKOH	Spring1	B	BDO	0.00	0.6321	-0.014	9.075	-2.59	No trend	0.3447
CHKOH	Spring1	S	SSALINITY	0.00	0.0034	0.000	0.010	0.00	Unchanged	0.8508
CHKOH	Spring1	B	BSALINITY	0.00	0.0034	0.000	0.010	0.00	Unchanged	0.8508
CHKOH	Spring1	B	BWTEMP	0.00	0.0284	0.139	14.150	16.67	No trend	0.2586
CHKOH	Spring1	S	SWTEMP	0.00	0.0365	0.139	14.350	16.52	No trend	0.3594
JMSOH	Spring1	S	SCHLA	9.49	0.8084	-0.026	7.378	-6.78	No trend	0.4290
JMSOH	Spring1	S	STSS	0.00	0.0184	-1.000	34.250	-46.72	No trend	0.8927
JMSOH	Spring1	B	BTSS	0.00	0.0914	-2.833	74.250	-61.05	No trend	0.8368
JMSOH	Spring1	S	SECCHI	0.00	0.1326	0.003	0.425	15.69	No trend	0.9759
JMSOH	Spring1	B	BDO	0.00	0.0244	-0.036	8.925	-8.16	No trend	0.6089
JMSOH	Spring1	S	SSALINITY	0.00	0.1526	0.010	1.875	10.67	No trend	0.8625
JMSOH	Spring1	B	BSALINITY	0.00	0.1590	0.013	2.338	11.00	No trend	0.6323
JMSOH	Spring1	B	BWTEMP	0.00	0.0258	0.105	15.950	13.17	No trend	0.8867
JMSOH	Spring1	S	SWTEMP	0.00	0.0183	0.115	16.125	14.20	No trend	0.9958
JMSMH	Spring1	S	SCHLA	13.92	0.2664	-0.105	5.505	-36.24	No trend	0.5517
JMSMH	Spring1	S	STSS	0.00	0.8028	0.038	20.500	3.75	No trend	0.3681
JMSMH	Spring1	B	BTSS	0.00	0.0367	1.500	29.000	82.76	No trend	0.6931
JMSMH	Spring1	S	SECCHI	0.00	0.1903	0.004	0.700	12.45	No trend	0.9291
JMSMH	Spring1	B	BDO	0.00	0.0066	-0.043	8.775	-9.74	Degrading	0.8447
JMSMH	Spring1	S	SSALINITY	0.00	0.8329	0.020	12.903	3.16	No trend	0.5701
JMSMH	Spring1	B	BSALINITY	0.00	0.5778	0.052	15.790	6.58	No trend	0.4140

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
JMSMH	Spring1	B	BWTEMP	0.00	0.0078	0.095	14.300	13.34	Increasing	0.9617
JMSMH	Spring1	S	SWTEMP	0.00	0.0342	0.090	14.825	12.11	No trend	0.8485
JMSPH	Spring1	S	SCHLA	5.03	0.0514	-0.200	10.880	-36.76	No trend	0.2995
JMSPH	Spring1	S	STSS	1.43	0.3584	0.099	10.025	19.72	No trend	0.0208
JMSPH	Spring1	B	BTSS	0.00	0.0121	0.508	15.500	65.49	No trend	0.0570
JMSPH	Spring1	S	SECCHI	0.00	0.3652	-0.004	1.150	-7.25	No trend	0.5151
JMSPH	Spring1	B	BDO	0.00	0.1591	0.020	8.675	4.71	No trend	0.2740
JMSPH	Spring1	S	SSALINITY	0.00	0.7079	-0.035	20.240	-3.48	No trend	0.6231
JMSPH	Spring1	B	BSALINITY	0.00	0.0037	-0.148	23.935	-12.39	Decreasing	0.1889
JMSPH	Spring1	B	BWTEMP	0.00	0.0035	0.116	11.800	19.68	Increasing	0.9231
JMSPH	Spring1	S	SWTEMP	0.00	0.1438	0.051	14.225	7.22	No trend	0.4504
EBEMH	Spring1	S	STN	0.00	0.0604	-0.014	1.122	-19.55	No trend	0.6938
EBEMH	Spring1	B	BTN	0.00	0.0257	-0.009	0.762	-18.25	No trend	0.9360
EBEMH	Spring1	S	SDIN	0.00	0.4055	-0.005	0.533	-15.58	No trend	0.3769
EBEMH	Spring1	B	BDIN	0.00	0.7684	-0.002	0.340	-11.38	No trend	0.9293
EBEMH	Spring1	S	STP	0.00	0.0000	-0.002	0.067	-47.41	Improving	0.5563
EBEMH	Spring1	B	BTP	0.00	0.0002	-0.001	0.057	-31.72	Improving	0.9205
EBEMH	Spring1	S	SPO4F	10.42	0.1828	0.000	0.026	-23.16	No trend	0.8377
EBEMH	Spring1	B	BPO4F	8.33	0.0674	0.000	0.027	-25.01	No trend	0.9954
EBEMH	Spring1	S	SCHLA	0.00	0.1559	-0.428	8.700	-78.63	No trend	0.2924
EBEMH	Spring1	S	STSS	0.00	0.1527	-0.238	8.400	-45.40	No trend	0.5751
EBEMH	Spring1	B	BTSS	0.00	0.1127	-0.303	11.900	-40.72	No trend	0.9402
EBEMH	Spring1	S	SECCHI	0.00	0.7114	0.000	1.050	0.00	No trend	0.9474
EBEMH	Spring1	B	BDO	0.00	0.0724	0.053	6.700	12.54	No trend	0.4012
EBEMH	Spring1	S	SSALINITY	0.00	0.0575	0.199	14.050	22.68	No trend	0.8500
EBEMH	Spring1	B	BSALINITY	0.00	0.9585	-0.008	18.250	-0.68	No trend	0.3205
EBEMH	Spring1	B	BWTEMP	0.00	0.0003	0.234	12.150	30.84	Increasing	0.5861
EBEMH	Spring1	S	SWTEMP	0.00	0.0156	0.141	14.700	15.35	No trend	0.8524
WBEMH	Spring1	S	STN	0.00	0.0224	-0.015	0.893	-27.11	No trend	0.8185
WBEMH	Spring1	B	BTN	0.00	0.0878	-0.010	0.828	-18.52	No trend	0.9502
WBEMH	Spring1	S	SDIN	4.26	0.8935	0.000	0.198	0.87	No trend	0.9719
WBEMH	Spring1	B	BDIN	4.35	0.4914	-0.002	0.246	-12.15	No trend	0.8732
WBEMH	Spring1	S	STP	0.00	0.0031	-0.002	0.079	-32.27	Improving	0.7072
WBEMH	Spring1	B	BTP	0.00	0.0300	-0.001	0.061	-32.96	No trend	0.2165
WBEMH	Spring1	S	SPO4F	22.92	0.0009	0.000	0.010	-53.33	Improving	0.4277
WBEMH	Spring1	B	BPO4F	20.83	0.0020	0.000	0.016	-40.00	Improving	0.8346
WBEMH	Spring1	S	SCHLA	0.00	0.0538	-0.818	34.250	-38.23	No trend	0.3111
WBEMH	Spring1	S	STSS	0.00	0.9172	-0.036	24.550	-2.37	No trend	0.0320
WBEMH	Spring1	B	BTSS	0.00	0.6213	0.285	20.750	22.00	No trend	0.0380
WBEMH	Spring1	S	SECCHI	0.00	0.4623	0.000	0.600	0.00	No trend	0.5085
WBEMH	Spring1	B	BDO	0.00	0.4530	0.023	8.050	4.47	No trend	0.6804
WBEMH	Spring1	S	SSALINITY	0.00	0.0512	0.235	13.650	27.59	No trend	0.9940
WBEMH	Spring1	B	BSALINITY	0.00	0.1682	0.155	15.250	16.23	No trend	0.8322
WBEMH	Spring1	B	BWTEMP	0.00	0.0086	0.166	13.700	19.34	Increasing	0.9599
WBEMH	Spring1	S	SWTEMP	0.00	0.0613	0.133	15.150	14.02	No trend	0.8572
SBEMH	Spring1	S	STN	0.00	0.0042	-0.024	1.427	-27.34	Improving	0.9976
SBEMH	Spring1	B	BTN	0.00	0.6880	0.003	0.864	6.02	No trend	0.4941
SBEMH	Spring1	S	SDIN	0.00	0.0771	-0.011	0.726	-24.90	No trend	0.8903
SBEMH	Spring1	B	BDIN	0.00	0.4355	0.004	0.374	17.98	No trend	0.4066
SBEMH	Spring1	S	STP	0.00	0.0000	-0.002	0.062	-39.26	Improving	0.9030
SBEMH	Spring1	B	BTP	0.00	0.0018	-0.002	0.068	-35.62	Improving	0.2641
SBEMH	Spring1	S	SPO4F	6.25	0.1679	0.000	0.029	-21.63	No trend	0.9142
SBEMH	Spring1	B	BPO4F	7.29	0.0254	-0.001	0.032	-27.00	No trend	0.7820
SBEMH	Spring1	S	SCHLA	2.20	0.1081	-0.251	2.700	-148.81	No trend	0.5281
SBEMH	Spring1	S	STSS	0.00	0.1070	-0.218	8.950	-39.03	No trend	0.3504
SBEMH	Spring1	B	BTSS	0.00	0.0193	-0.456	12.750	-57.23	No trend	0.7408
SBEMH	Spring1	S	SECCHI	0.00	0.6192	0.004	0.725	8.96	No trend	0.8654
SBEMH	Spring1	B	BDO	0.00	0.0263	0.070	5.825	19.23	No trend	0.4015
SBEMH	Spring1	S	SSALINITY	0.00	0.0576	0.272	10.925	39.76	No trend	0.8571
SBEMH	Spring1	B	BSALINITY	0.00	0.2025	-0.177	18.575	-15.24	No trend	0.2942

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
SBEMH	Spring1	B	BWTEMP	0.00	0.0000	0.401	11.925	53.80	Increasing	0.8247
SBEMH	Spring1	S	SWTEMP	0.00	0.0039	0.235	15.550	24.18	Increasing	0.9169
ELIPH	Spring1	S	SCHLA	6.35	0.2666	-0.205	20.023	-19.44	No trend	0.2522
ELIPH	Spring1	S	STSS	2.80	0.9585	-0.015	11.500	-2.15	No trend	0.6542
ELIPH	Spring1	B	BTSS	0.00	0.6032	0.153	22.800	10.72	No trend	0.8760
ELIPH	Spring1	S	SECCHI	0.00	0.0284	-0.011	0.975	-22.39	No trend	0.3333
ELIPH	Spring1	B	BDO	0.00	0.8327	0.003	8.175	0.78	No trend	0.0712
ELIPH	Spring1	S	SSALINITY	0.00	0.9236	-0.018	19.250	-1.84	No trend	0.7668
ELIPH	Spring1	B	BSALINITY	0.00	0.3093	-0.057	21.410	-5.34	No trend	0.9187
ELIPH	Spring1	B	BWTEMP	0.00	0.0077	0.128	13.250	19.37	Increasing	0.7576
ELIPH	Spring1	S	SWTEMP	0.00	0.0015	0.117	14.200	16.41	Increasing	0.6969
PMKTF	Spring1	S	SCHLA	57.33	0.0001	0.000	3.100	0.00	Unchanged	0.4412
PMKTF	Spring1	S	STSS	1.61	0.0345	0.556	15.750	59.96	No trend	0.4446
PMKTF	Spring1	B	BTSS	0.00	0.6878	0.286	20.250	23.99	No trend	0.4002
PMKTF	Spring1	S	SECCHI	0.00	0.0008	-0.017	0.900	-37.04	Degrading	0.7496
PMKTF	Spring1	B	BDO	0.00	0.3151	0.020	7.825	5.11	No trend	0.3656
PMKTF	Spring1	S	SSALINITY	0.00	0.0420	0.000	0.010	0.00	No trend	0.2330
PMKTF	Spring1	B	BSALINITY	0.00	0.0452	0.000	0.010	0.00	No trend	0.2368
PMKTF	Spring1	B	BWTEMP	0.00	0.2224	-0.061	17.250	-7.10	No trend	0.9150
PMKTF	Spring1	S	SWTEMP	0.00	0.1685	-0.069	17.625	-7.84	No trend	0.9008
PMKOH	Spring1	S	SCHLA	24.68	0.8022	0.000	4.525	0.00	No trend	0.5685
PMKOH	Spring1	S	STSS	0.00	0.2573	-0.500	90.000	-11.11	No trend	0.2569
PMKOH	Spring1	B	BTSS	0.00	0.4862	-1.850	134.500	-22.01	No trend	0.3935
PMKOH	Spring1	S	SECCHI	0.00	0.1311	0.000	0.250	0.00	No trend	0.5819
PMKOH	Spring1	B	BDO	0.00	0.1238	0.025	7.900	6.33	No trend	0.1532
PMKOH	Spring1	S	SSALINITY	0.00	0.6566	0.000	3.165	0.00	No trend	0.9838
PMKOH	Spring1	B	BSALINITY	0.00	0.8775	0.000	3.855	0.00	No trend	0.9026
PMKOH	Spring1	B	BWTEMP	0.00	0.0775	-0.063	15.850	-7.97	No trend	0.2004
PMKOH	Spring1	S	SWTEMP	0.00	0.0574	-0.061	16.025	-7.63	No trend	0.1523
MPNTF	Spring1	S	SCHLA	54.55	0.0000	0.000	3.100	0.00	Unchanged	0.5189
MPNTF	Spring1	S	STSS	6.35	0.0435	0.300	9.500	53.68	No trend	0.8093
MPNTF	Spring1	B	BTSS	3.33	0.2956	0.213	11.125	32.53	No trend	0.5826
MPNTF	Spring1	S	SECCHI	0.00	0.0002	-0.025	1.075	-46.51	Degrading	0.4841
MPNTF	Spring1	B	BDO	0.00	0.3375	0.020	7.725	5.18	No trend	0.5554
MPNTF	Spring1	S	SSALINITY	0.00	0.2207	0.000	0.010	0.00	No trend	
MPNTF	Spring1	B	BSALINITY	0.00	0.2207	0.000	0.010	0.00	No trend	
MPNTF	Spring1	B	BWTEMP	0.00	0.4959	-0.037	17.250	-4.32	No trend	0.9796
MPNTF	Spring1	S	SWTEMP	0.00	0.7679	-0.008	17.375	-0.97	No trend	0.9152
MPNOH	Spring1	S	SCHLA	39.47	0.7967	0.000	3.100	0.00	No trend	0.3930
MPNOH	Spring1	S	STSS	0.00	0.5045	0.333	43.000	15.50	No trend	0.2427
MPNOH	Spring1	B	BTSS	0.00	0.7628	0.174	44.000	7.92	No trend	0.4416
MPNOH	Spring1	S	SECCHI	0.00	0.1874	0.000	0.325	0.00	No trend	0.1885
MPNOH	Spring1	B	BDO	0.00	0.1937	0.023	8.100	5.61	No trend	0.4901
MPNOH	Spring1	S	SSALINITY	0.00	0.3152	0.000	2.820	0.00	No trend	0.5689
MPNOH	Spring1	B	BSALINITY	0.00	0.3008	0.000	2.858	0.00	No trend	0.5574
MPNOH	Spring1	B	BWTEMP	0.00	0.3863	-0.025	15.875	-3.15	No trend	0.9696
MPNOH	Spring1	S	SWTEMP	0.00	0.5298	-0.014	16.100	-1.77	No trend	0.9301
YRKMH	Spring1	S	SCHLA	5.88	0.1919	0.249	11.435	41.44	No trend	0.3718
YRKMH	Spring1	S	STSS	0.00	0.6029	0.218	42.750	8.15	No trend	0.6994
YRKMH	Spring1	B	BTSS	0.00	0.0271	3.455	66.750	82.81	No trend	0.4917
YRKMH	Spring1	S	SECCHI	0.00	0.2859	0.000	0.425	0.00	No trend	0.1355
YRKMH	Spring1	B	BDO	0.00	0.7216	0.012	7.875	3.13	No trend	0.6405
YRKMH	Spring1	S	SSALINITY	0.00	0.9105	0.022	11.308	3.83	No trend	0.9628
YRKMH	Spring1	B	BSALINITY	0.00	0.9403	0.008	12.880	1.19	No trend	0.4881
YRKMH	Spring1	B	BWTEMP	0.00	0.0917	-0.067	15.450	-8.70	No trend	0.6341
YRKMH	Spring1	S	SWTEMP	0.00	0.0311	-0.090	15.975	-11.32	No trend	0.4579
YRKP	Spring1	S	SCHLA	4.61	0.9835	-0.007	14.060	-0.90	No trend	0.3106
YRKP	Spring1	S	STSS	7.69	0.0837	0.313	8.500	73.53	No trend	0.2890
YRKP	Spring1	B	BTSS	1.68	0.0860	1.067	22.750	75.04	No trend	0.6054
YRKP	Spring1	S	SECCHI	0.00	0.0196	-0.017	1.325	-25.16	No trend	0.2189



Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
YRKPH	Spring1	B	BDO	0.00	0.9850	0.000	8.250	0.00	No trend	0.3259
YRKPH	Spring1	S	SSALINITY	0.00	0.6127	-0.029	19.390	-2.99	No trend	0.9415
YRKPH	Spring1	B	BSALINITY	0.00	0.2529	0.066	20.593	6.41	No trend	0.4473
YRKPH	Spring1	B	BWTEMP	0.00	0.0211	-0.089	12.675	-14.11	No trend	0.8190
YRKPH	Spring1	S	SWTEMP	0.00	0.0182	-0.083	14.350	-11.54	No trend	0.6816
MOBPH	Spring1	S	STN	0.00	0.0359	-0.004	0.451	-18.77	No trend	0.5178
MOBPH	Spring1	B	BTN	0.00	0.0376	-0.005	0.481	-20.34	No trend	0.8110
MOBPH	Spring1	S	SDIN	94.07	0.0263	-0.001	0.040	-60.26	No trend	0.8593
MOBPH	Spring1	B	BDIN	90.77	0.0513	-0.001	0.045	-45.83	No trend	0.8679
MOBPH	Spring1	S	STP	33.63	0.4648	0.000	0.019	-11.11	No trend	0.3065
MOBPH	Spring1	B	BTP	22.16	0.6530	0.000	0.023	-5.74	No trend	0.7021
MOBPH	Spring1	S	SPO4F	91.96	0.0000	0.000	0.010	-44.72	Improving	0.6260
MOBPH	Spring1	B	BPO4F	91.07	0.0000	0.000	0.010	-40.00	Improving	0.4613
MOBPH	Spring1	S	SCHLA	17.17	0.8221	-0.024	4.703	-10.27	No trend	0.5034
MOBPH	Spring1	S	STSS	3.27	0.1956	-0.122	9.650	-25.30	No trend	0.4012
MOBPH	Spring1	B	BTSS	2.10	0.9701	-0.001	12.825	-0.11	No trend	0.1041
MOBPH	Spring1	S	SECCHI	0.00	0.0028	-0.027	1.725	-31.42	Degrading	0.2030
MOBPH	Spring1	B	BDO	0.00	0.0014	0.078	8.925	17.43	Improving	0.0408
MOBPH	Spring1	S	SSALINITY	0.00	0.3992	-0.062	19.785	-6.29	No trend	0.9864
MOBPH	Spring1	B	BSALINITY	0.00	0.4537	-0.059	19.840	-5.96	No trend	0.9944
MOBPH	Spring1	B	BWTEMP	0.00	0.5488	0.025	13.650	3.72	No trend	0.3421
MOBPH	Spring1	S	SWTEMP	0.00	0.3207	0.038	15.250	4.93	No trend	0.1592
RPPTF	Spring1	S	SCHLA	18.46	0.3373	0.109	4.263	48.75	No trend	0.3802
RPPTF	Spring1	S	STSS	0.00	0.0089	0.500	24.000	35.42	Degrading	0.7267
RPPTF	Spring1	B	BTSS	0.53	0.0531	0.750	34.000	37.50	No trend	0.6227
RPPTF	Spring1	S	SECCHI	0.00	0.0766	-0.005	0.500	-17.00	No trend	0.7468
RPPTF	Spring1	B	BDO	0.00	0.2494	0.028	8.650	6.36	No trend	0.8422
RPPTF	Spring1	S	SSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.6237
RPPTF	Spring1	B	BSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.6559
RPPTF	Spring1	B	BWTEMP	0.00	0.2340	0.061	14.500	8.46	No trend	0.6669
RPPTF	Spring1	S	SWTEMP	0.00	0.3470	0.050	14.625	6.84	No trend	0.5947
RPPOH	Spring1	S	SCHLA	15.58	0.0105	0.308	3.348	175.01	No trend	0.3576
RPPOH	Spring1	S	STSS	0.00	0.2992	-0.583	48.000	-20.66	No trend	0.6194
RPPOH	Spring1	B	BTSS	0.00	0.2076	0.896	65.000	23.43	No trend	0.6794
RPPOH	Spring1	S	SECCHI	0.00	0.7449	0.000	0.300	0.00	No trend	0.8491
RPPOH	Spring1	B	BDO	0.00	0.1831	0.033	9.650	6.74	No trend	0.9413
RPPOH	Spring1	S	SSALINITY	0.00	0.5505	0.000	0.755	0.00	No trend	0.7305
RPPOH	Spring1	B	BSALINITY	0.00	0.5845	0.000	0.850	0.00	No trend	0.8277
RPPOH	Spring1	B	BWTEMP	0.00	0.5517	-0.017	14.900	-2.24	No trend	0.8124
RPPOH	Spring1	S	SWTEMP	0.00	0.8076	-0.014	15.275	-1.86	No trend	0.5224
RPPMH	Spring1	S	SCHLA	10.45	0.9254	0.005	10.118	0.99	No trend	0.4812
RPPMH	Spring1	S	STSS	7.98	0.8657	0.000	8.250	0.00	No trend	0.4822
RPPMH	Spring1	B	BTSS	3.65	0.0164	0.500	8.100	123.46	No trend	0.5810
RPPMH	Spring1	S	SECCHI	0.00	0.1699	-0.011	1.000	-21.83	No trend	0.0040
RPPMH	Spring1	B	BDO	0.00	0.9551	0.000	9.025	0.00	No trend	0.9926
RPPMH	Spring1	S	SSALINITY	0.00	0.2690	-0.084	13.810	-12.19	No trend	0.8064
RPPMH	Spring1	B	BSALINITY	0.00	0.2231	-0.091	15.110	-12.01	No trend	0.8166
RPPMH	Spring1	B	BWTEMP	0.00	0.1656	-0.042	12.750	-6.53	No trend	0.5357
RPPMH	Spring1	S	SWTEMP	0.00	0.3028	-0.037	14.000	-5.24	No trend	0.4188
CRRMH	Spring1	S	SCHLA	12.82	0.9192	0.000	10.645	0.00	No trend	0.5434
CRRMH	Spring1	S	STSS	16.22	0.0563	-0.156	6.750	-46.30	No trend	0.6221
CRRMH	Spring1	B	BTSS	19.67	0.9605	0.000	7.000	0.00	No trend	0.6291
CRRMH	Spring1	S	SECCHI	0.00	0.0067	-0.033	1.900	-35.09	Degrading	0.2270
CRRMH	Spring1	B	BDO	0.00	0.3569	-0.023	9.375	-4.91	No trend	0.7506
CRRMH	Spring1	S	SSALINITY	0.00	0.2092	-0.096	15.070	-12.68	No trend	0.8792
CRRMH	Spring1	B	BSALINITY	0.00	0.1789	-0.082	15.135	-10.82	No trend	0.7282
CRRMH	Spring1	B	BWTEMP	0.00	0.0173	-0.075	13.975	-10.73	No trend	0.4223
CRRMH	Spring1	S	SWTEMP	0.00	0.7079	-0.019	14.200	-2.69	No trend	0.7130
PIAMH	Spring1	S	STN	0.00	0.0834	-0.006	0.521	-21.74	No trend	0.6880
PIAMH	Spring1	B	BTN	0.00	0.3062	-0.004	0.563	-14.84	No trend	0.2502

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
PIAMH	Spring1	S	SDIN	9.52	0.3250	0.000	0.050	0.00	No trend	0.9270
PIAMH	Spring1	B	BDIN	9.52	0.3474	0.000	0.130	-1.57	No trend	0.8663
PIAMH	Spring1	S	STP	2.38	0.0028	0.000	0.019	-40.42	Improving	0.6755
PIAMH	Spring1	B	BTP	0.00	0.2615	0.000	0.020	-12.56	No trend	0.1362
PIAMH	Spring1	S	SPO4F	82.14	0.0000	0.000	0.010	-80.00	Improving	0.8251
PIAMH	Spring1	B	BPO4F	79.76	0.0000	0.000	0.010	-80.00	Improving	0.9158
PIAMH	Spring1	S	SCHLA	9.76	0.1552	-0.218	8.833	-49.32	No trend	0.6202
PIAMH	Spring1	S	STSS	14.29	0.0903	-0.106	5.375	-39.26	No trend	0.2082
PIAMH	Spring1	B	BTSS	5.95	0.8749	-0.027	9.625	-5.51	No trend	0.7582
PIAMH	Spring1	S	SECCHI	0.00	0.0034	-0.038	2.000	-37.50	Degrading	0.4670
PIAMH	Spring1	B	BDO	0.00	0.0020	0.080	9.575	16.71	Improving	0.6390
PIAMH	Spring1	S	SSALINITY	0.00	0.1454	-0.114	15.673	-14.60	No trend	0.5930
PIAMH	Spring1	B	BSALINITY	0.00	0.1155	-0.112	15.770	-14.20	No trend	0.6003
PIAMH	Spring1	B	BWTEMP	0.00	0.6365	-0.017	13.625	-2.45	No trend	0.0910
PIAMH	Spring1	S	SWTEMP	0.00	0.7378	0.014	14.575	1.97	No trend	0.0397
POCMH	Spring1	S	STN	0.00	0.8221	0.001	0.578	3.29	No trend	0.7866
POCMH	Spring1	B	BTN	0.00	0.4766	0.003	0.593	8.75	No trend	0.7595
POCMH	Spring1	S	SDIN	77.36	0.0918	-0.002	0.068	-65.00	No trend	0.7110
POCMH	Spring1	B	BDIN	79.50	0.0814	-0.001	0.065	-45.26	No trend	0.7955
POCMH	Spring1	S	STP	10.90	0.2942	0.000	0.026	19.25	No trend	0.6836
POCMH	Spring1	B	BTP	13.38	0.1031	0.000	0.026	35.69	No trend	0.6693
POCMH	Spring1	S	SPO4F	91.88	0.0000	0.000	0.010	-64.17	Improving	0.6974
POCMH	Spring1	B	BPO4F	91.93	0.0000	0.000	0.010	-51.39	Improving	0.9786
POCMH	Spring1	S	SCHLA	7.41	0.5741	0.042	7.973	10.64	No trend	0.6008
POCMH	Spring1	S	STSS	3.07	0.6262	0.141	15.000	18.74	No trend	0.6952
POCMH	Spring1	B	BTSS	1.84	0.1031	0.389	15.575	49.92	No trend	0.0717
POCMH	Spring1	S	SECCHI	0.00	0.0000	-0.038	1.525	-49.18	Degrading	0.3455
POCMH	Spring1	B	BDO	0.00	0.4086	-0.008	9.175	-1.63	No trend	0.6397
POCMH	Spring1	S	SSALINITY	0.00	0.0721	-0.094	17.108	-11.03	No trend	0.9154
POCMH	Spring1	B	BSALINITY	0.00	0.4205	-0.042	17.438	-4.85	No trend	0.7814
POCMH	Spring1	B	BWTEMP	0.00	0.3780	0.023	14.125	3.31	No trend	0.4691
POCMH	Spring1	S	SWTEMP	0.00	0.3585	0.043	14.575	5.93	No trend	0.4733
CB6PH	Spring1	S	STN	0.00	0.1113	-0.005	0.551	-18.75	No trend	0.5521
CB6PH	Spring1	B	BTN	0.00	0.0223	-0.006	0.553	-22.40	No trend	0.2468
CB6PH	Spring1	S	SDIN	55.39	0.5120	-0.001	0.126	-15.72	No trend	0.8773
CB6PH	Spring1	B	BDIN	78.44	0.7079	-0.001	0.080	-16.11	No trend	0.8801
CB6PH	Spring1	S	STP	69.85	0.0340	0.000	0.019	-16.28	No trend	0.4667
CB6PH	Spring1	B	BTP	23.05	0.3488	0.000	0.027	-8.49	No trend	0.4355
CB6PH	Spring1	S	SPO4F	92.86	0.0000	0.000	0.010	-48.69	Improving	0.5663
CB6PH	Spring1	B	BPO4F	92.54	0.0000	0.000	0.010	-54.47	Improving	0.5585
CB6PH	Spring1	S	SCHLA	18.18	0.6262	-0.052	8.328	-12.48	No trend	0.3791
CB6PH	Spring1	S	STSS	15.02	0.7358	-0.007	6.000	-2.36	No trend	0.2004
CB6PH	Spring1	B	BTSS	1.79	0.1389	0.148	13.325	22.14	No trend	0.1176
CB6PH	Spring1	S	SECCHI	0.00	0.0195	-0.027	2.250	-24.24	No trend	0.3314
CB6PH	Spring1	B	BDO	0.00	0.0340	0.032	8.975	7.24	No trend	0.1446
CB6PH	Spring1	S	SSALINITY	0.00	0.2163	-0.080	17.085	-9.41	No trend	0.9231
CB6PH	Spring1	B	BSALINITY	0.00	1.0000	0.000	22.895	-0.01	No trend	0.9710
CB6PH	Spring1	B	BWTEMP	0.00	0.9105	-0.002	11.450	-0.30	No trend	0.2496
CB6PH	Spring1	S	SWTEMP	0.00	0.6528	0.021	13.050	3.16	No trend	0.2147
CB7PH	Spring1	S	STN	0.00	0.2690	-0.004	0.497	-16.34	No trend	0.7048
CB7PH	Spring1	B	BTN	0.00	0.0610	-0.005	0.469	-21.73	No trend	0.6025
CB7PH	Spring1	S	SDIN	71.90	0.2937	-0.001	0.087	-19.30	No trend	0.7618
CB7PH	Spring1	B	BDIN	84.63	0.8221	0.000	0.044	-13.63	No trend	0.9349
CB7PH	Spring1	S	STP	61.09	0.0076	0.000	0.021	-20.05	Improving	0.3849
CB7PH	Spring1	B	BTP	18.01	0.1772	0.000	0.032	-10.81	No trend	0.7535
CB7PH	Spring1	S	SPO4F	92.13	0.0000	0.000	0.010	-51.00	Improving	0.8248
CB7PH	Spring1	B	BPO4F	90.20	0.0000	0.000	0.010	-62.08	Improving	0.9867
CB7PH	Spring1	S	SCHLA	25.48	0.6261	-0.055	5.135	-21.34	No trend	0.2539
CB7PH	Spring1	S	STSS	12.55	0.2453	-0.062	6.250	-19.78	No trend	0.7105
CB7PH	Spring1	B	BTSS	1.64	0.2163	0.184	12.275	29.96	No trend	0.1562

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
CB7PH	Spring1	S	SECCHI	0.00	0.0944	-0.024	2.425	-19.47	No trend	0.0742
CB7PH	Spring1	B	BDO	0.00	0.0488	0.039	8.800	8.96	No trend	0.1647
CB7PH	Spring1	S	SSALINITY	0.00	0.2163	-0.082	19.408	-8.47	No trend	0.4113
CB7PH	Spring1	B	BSALINITY	0.00	0.8514	-0.011	24.113	-0.91	No trend	0.6779
CB7PH	Spring1	B	BWTEMP	0.00	0.8808	0.005	12.250	0.82	No trend	0.2426
CB7PH	Spring1	S	SWTEMP	0.00	0.3112	0.033	13.000	5.03	No trend	0.3987
CB8PH	Spring1	S	STN	0.00	0.1892	-0.004	0.428	-16.40	No trend	0.2125
CB8PH	Spring1	B	BTN	0.00	0.5036	-0.002	0.434	-7.72	No trend	0.2680
CB8PH	Spring1	S	SDIN	89.52	0.4664	0.001	0.024	50.92	No trend	0.9915
CB8PH	Spring1	B	BDIN	99.60	0.9843	0.000	0.026	0.00	No trend	0.9027
CB8PH	Spring1	S	STP	47.39	0.0000	-0.001	0.039	-36.36	Improving	0.6370
CB8PH	Spring1	B	BTP	13.31	0.0537	0.000	0.051	-17.95	No trend	0.6325
CB8PH	Spring1	S	SPO4F	92.37	0.0000	0.000	0.010	-79.12	Improving	0.9310
CB8PH	Spring1	B	BPO4F	79.44	0.0000	0.000	0.011	-74.05	Improving	0.8268
CB8PH	Spring1	S	SCHLA	31.54	0.5952	-0.061	5.023	-24.15	No trend	0.3653
CB8PH	Spring1	S	STSS	11.74	0.3759	0.080	5.650	28.23	No trend	0.6027
CB8PH	Spring1	B	BTSS	2.02	0.0869	0.260	8.800	59.09	No trend	0.0694
CB8PH	Spring1	S	SECCHI	0.00	0.0270	-0.028	2.200	-25.25	No trend	0.3858
CB8PH	Spring1	B	BDO	0.00	0.0201	0.040	9.075	8.82	No trend	0.0393
CB8PH	Spring1	S	SSALINITY	0.00	0.2879	-0.086	23.230	-7.42	No trend	0.5147
CB8PH	Spring1	B	BSALINITY	0.00	0.0765	-0.056	29.425	-3.80	No trend	0.3561
CB8PH	Spring1	B	BWTEMP	0.00	0.5952	-0.022	10.375	-4.27	No trend	0.0202
CB8PH	Spring1	S	SWTEMP	0.00	0.7085	0.019	12.825	3.00	No trend	0.0128
APPTF	Spring2	S	SCHLA	3.80	0.0763	-0.720	35.860	-40.16	No trend	0.6191
APPTF	Spring2	S	STSS	0.00	1.0000	0.000	23.750	0.00	No trend	0.0189
APPTF	Spring2	B	BTSS	0.00	0.0923	0.938	27.500	57.95	No trend	0.1065
APPTF	Spring2	S	SECCHI	0.00	0.6596	0.000	0.500	0.00	No trend	0.9767
APPTF	Spring2	B	BDO	0.00	0.2409	-0.023	8.800	-5.11	No trend	0.7065
APPTF	Spring2	S	SSALINITY	0.00	0.0922	0.000	0.010	0.00	No trend	0.7946
APPTF	Spring2	B	BSALINITY	0.00	0.0854	0.000	0.010	0.00	No trend	0.8357
APPTF	Spring2	B	BWTEMP	0.00	0.0429	0.150	22.250	13.48	No trend	0.4213
APPTF	Spring2	S	SWTEMP	0.00	0.0193	0.160	22.450	14.25	No trend	0.5113
JMSTF1	Spring2	S	SCHLA	4.37	0.4547	-0.287	21.270	-26.98	No trend	0.4826
JMSTF1	Spring2	S	STSS	0.00	0.1404	0.333	25.000	22.67	No trend	0.3345
JMSTF1	Spring2	B	BTSS	1.01	0.6865	0.475	40.500	19.94	No trend	0.6234
JMSTF1	Spring2	S	SECCHI	0.00	0.0002	-0.009	0.625	-29.09	Degrading	0.9474
JMSTF1	Spring2	B	BDO	0.00	0.3059	0.026	7.575	6.90	No trend	0.4142
JMSTF1	Spring2	S	SSALINITY	0.00	0.0208	0.000	0.010	0.00	No trend	0.8683
JMSTF1	Spring2	B	BSALINITY	0.00	0.0127	0.000	0.010	0.00	No trend	0.9911
JMSTF1	Spring2	B	BWTEMP	0.00	0.0319	0.118	22.000	10.72	No trend	0.8485
JMSTF1	Spring2	S	SWTEMP	0.00	0.0140	0.123	22.250	11.05	No trend	0.8355
JMSTF2	Spring2	S	SCHLA	41.26	0.0482	0.000	6.580	0.00	No trend	0.4842
JMSTF2	Spring2	S	STSS	11.22	0.8250	0.000	9.500	0.00	No trend	0.8901
JMSTF2	Spring2	B	BTSS	0.00	0.2990	0.313	20.500	25.91	No trend	0.6107
JMSTF2	Spring2	S	SECCHI	0.00	0.7976	0.000	0.975	0.00	No trend	0.5186
JMSTF2	Spring2	B	BDO	0.00	0.5202	0.015	7.250	4.14	No trend	0.0677
JMSTF2	Spring2	S	SSALINITY	0.00	0.0634	0.000	0.010	0.00	No trend	0.7427
JMSTF2	Spring2	B	BSALINITY	0.00	0.0201	0.000	0.010	0.00	No trend	0.9730
JMSTF2	Spring2	B	BWTEMP	0.00	0.0636	0.133	21.750	12.27	No trend	0.4472
JMSTF2	Spring2	S	SWTEMP	0.00	0.3374	0.065	22.375	5.81	No trend	0.8655
CHKOH	Spring2	S	SCHLA	2.99	0.6956	-0.076	17.378	-7.43	No trend	0.4061
CHKOH	Spring2	S	STSS	0.00	0.4750	-0.146	19.500	-12.71	No trend	0.2840
CHKOH	Spring2	B	BTSS	0.00	0.3280	0.698	30.250	39.23	No trend	0.4535
CHKOH	Spring2	S	SECCHI	0.00	0.0244	-0.008	0.550	-25.76	No trend	0.3668
CHKOH	Spring2	B	BDO	0.00	0.6598	-0.013	7.725	-2.82	No trend	0.3574
CHKOH	Spring2	S	SSALINITY	0.00	0.0053	0.000	0.010	0.00	Unchanged	0.9213
CHKOH	Spring2	B	BSALINITY	0.00	0.0043	0.000	0.010	0.00	Unchanged	0.8901
CHKOH	Spring2	B	BWTEMP	0.00	0.0039	0.185	18.975	16.61	Increasing	0.7729
CHKOH	Spring2	S	SWTEMP	0.00	0.0077	0.173	19.125	15.33	Increasing	0.8297
JMSOH	Spring2	S	SCHLA	6.67	0.8134	-0.026	7.583	-6.90	No trend	0.4594

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
JMSOH	Spring2	S	STSS	0.00	0.0089	-1.075	48.750	-37.49	Improving	0.9902
JMSOH	Spring2	B	BTSS	0.00	0.1541	-1.333	62.500	-36.27	No trend	0.6991
JMSOH	Spring2	S	SECCHI	0.00	0.2825	0.000	0.500	0.00	No trend	0.8311
JMSOH	Spring2	B	BDO	0.00	0.0873	-0.028	8.050	-7.07	No trend	0.3980
JMSOH	Spring2	S	SSALINITY	0.00	0.3072	0.009	2.718	6.62	No trend	0.7899
JMSOH	Spring2	B	BSALINITY	0.00	0.4650	0.008	3.123	4.80	No trend	0.8234
JMSOH	Spring2	B	BWTEMP	0.00	0.0298	0.099	21.025	9.41	No trend	0.8654
JMSOH	Spring2	S	SWTEMP	0.00	0.0246	0.099	21.250	9.32	No trend	0.9710
JMSMH	Spring2	S	SCHLA	13.41	0.5034	-0.056	5.505	-20.21	No trend	0.2645
JMSMH	Spring2	S	STSS	0.00	0.2820	-0.188	22.500	-16.67	No trend	0.1585
JMSMH	Spring2	B	BTSS	0.00	0.0408	1.125	28.500	67.11	No trend	0.6856
JMSMH	Spring2	S	SECCHI	0.00	0.1493	0.005	0.650	15.38	No trend	0.9627
JMSMH	Spring2	B	BDO	0.00	0.0155	-0.027	7.550	-7.22	No trend	0.9703
JMSMH	Spring2	S	SSALINITY	0.00	0.8031	-0.034	14.185	-4.86	No trend	0.5542
JMSMH	Spring2	B	BSALINITY	0.00	0.9847	0.000	17.563	0.00	No trend	0.6546
JMSMH	Spring2	B	BWTEMP	0.00	0.0127	0.086	19.975	8.59	No trend	0.8887
JMSMH	Spring2	S	SWTEMP	0.00	0.0297	0.088	20.450	8.58	No trend	0.8611
JMSPH	Spring2	S	SCHLA	5.26	0.9105	-0.010	9.003	-2.28	No trend	0.4847
JMSPH	Spring2	S	STSS	1.32	0.0450	0.204	9.650	42.29	No trend	0.2257
JMSPH	Spring2	B	BTSS	0.00	0.0312	0.450	19.275	46.74	No trend	0.0390
JMSPH	Spring2	S	SECCHI	0.00	0.0346	-0.012	1.200	-19.23	No trend	0.4692
JMSPH	Spring2	B	BDO	0.00	0.0076	0.036	7.650	9.35	Improving	0.9582
JMSPH	Spring2	S	SSALINITY	0.00	0.3686	-0.073	21.275	-6.86	No trend	0.4290
JMSPH	Spring2	B	BSALINITY	0.00	0.0002	-0.195	24.425	-15.98	Decreasing	0.4368
JMSPH	Spring2	B	BWTEMP	0.00	0.0074	0.107	18.450	11.64	Increasing	0.9190
JMSPH	Spring2	S	SWTEMP	0.00	0.3783	0.022	19.250	2.27	No trend	0.7762
EBEMH	Spring2	S	STN	0.00	0.2592	-0.007	0.902	-12.42	No trend	0.7826
EBEMH	Spring2	B	BTN	0.00	0.0222	-0.009	0.764	-18.55	No trend	0.9474
EBEMH	Spring2	S	SDIN	0.00	0.1604	-0.009	0.562	-24.50	No trend	0.8165
EBEMH	Spring2	B	BDIN	0.00	0.4065	-0.005	0.340	-22.58	No trend	0.8960
EBEMH	Spring2	S	STP	0.00	0.0054	-0.001	0.062	-29.16	Improving	0.5785
EBEMH	Spring2	B	BTP	0.00	0.0020	-0.001	0.069	-30.14	Improving	0.8009
EBEMH	Spring2	S	SPO4F	2.08	0.3487	0.000	0.041	-18.73	No trend	0.9819
EBEMH	Spring2	B	BPO4F	2.08	0.1127	-0.001	0.041	-26.53	No trend	0.9363
EBEMH	Spring2	S	SCHLA	2.13	0.8513	-0.030	5.800	-8.33	No trend	0.9795
EBEMH	Spring2	S	STSS	0.00	0.1011	-0.248	8.400	-47.14	No trend	0.4178
EBEMH	Spring2	B	BTSS	0.00	0.0329	-0.548	16.650	-52.64	No trend	0.9137
EBEMH	Spring2	S	SECCHI	0.00	0.0891	0.010	0.850	18.82	No trend	0.2580
EBEMH	Spring2	B	BDO	0.00	0.0609	0.051	5.850	13.81	No trend	0.5102
EBEMH	Spring2	S	SSALINITY	0.00	0.0767	0.137	16.300	13.48	No trend	0.8849
EBEMH	Spring2	B	BSALINITY	0.00	0.6399	-0.041	19.550	-3.32	No trend	0.4338
EBEMH	Spring2	B	BWTEMP	0.00	0.0001	0.252	18.200	22.18	Increasing	0.6841
EBEMH	Spring2	S	SWTEMP	0.00	0.0050	0.140	19.150	11.69	Increasing	0.5908
WBEMH	Spring2	S	STN	0.00	0.0390	-0.011	0.766	-23.71	No trend	0.9108
WBEMH	Spring2	B	BTN	0.00	0.0363	-0.015	0.828	-28.02	No trend	0.8854
WBEMH	Spring2	S	SDIN	6.38	0.9359	0.000	0.202	0.00	No trend	0.9541
WBEMH	Spring2	B	BDIN	2.17	0.6999	-0.001	0.274	-3.50	No trend	0.6584
WBEMH	Spring2	S	STP	0.00	0.0025	-0.002	0.080	-37.70	Improving	0.6947
WBEMH	Spring2	B	BTP	0.00	0.0016	-0.002	0.083	-44.12	Improving	0.1225
WBEMH	Spring2	S	SPO4F	14.58	0.0120	-0.001	0.026	-30.77	No trend	0.9876
WBEMH	Spring2	B	BPO4F	12.50	0.0065	-0.001	0.025	-37.32	Improving	0.9620
WBEMH	Spring2	S	SCHLA	0.00	0.0418	-0.612	16.150	-60.60	No trend	0.2534
WBEMH	Spring2	S	STSS	0.00	0.7159	0.131	23.450	8.91	No trend	0.1055
WBEMH	Spring2	B	BTSS	0.00	0.8966	-0.029	29.900	-1.53	No trend	0.0172
WBEMH	Spring2	S	SECCHI	0.00	0.4568	0.000	0.600	0.00	No trend	0.5021
WBEMH	Spring2	B	BDO	0.00	0.2524	0.033	6.700	7.96	No trend	0.9594
WBEMH	Spring2	S	SSALINITY	0.00	0.0771	0.193	15.800	19.55	No trend	0.9347
WBEMH	Spring2	B	BSALINITY	0.00	0.1682	0.104	16.100	10.34	No trend	0.8322
WBEMH	Spring2	B	BWTEMP	0.00	0.0144	0.137	19.050	11.49	No trend	0.8706
WBEMH	Spring2	S	SWTEMP	0.00	0.0180	0.115	19.050	9.69	No trend	0.5749

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
SBEMH	Spring2	S	STN	0.00	0.0506	-0.015	1.427	-17.30	No trend	0.4977
SBEMH	Spring2	B	BTN	0.00	0.6490	-0.002	0.934	-2.94	No trend	0.2873
SBEMH	Spring2	S	SDIN	0.00	0.1604	-0.012	0.726	-26.15	No trend	0.6098
SBEMH	Spring2	B	BDIN	0.00	0.6775	0.002	0.428	6.56	No trend	0.3769
SBEMH	Spring2	S	STP	0.00	0.0004	-0.001	0.065	-32.51	Improving	0.4411
SBEMH	Spring2	B	BTP	0.00	0.0002	-0.002	0.079	-40.41	Improving	0.6802
SBEMH	Spring2	S	SPO4F	3.13	0.1186	-0.001	0.038	-29.16	No trend	0.9860
SBEMH	Spring2	B	BPO4F	2.08	0.0109	-0.001	0.041	-30.00	No trend	0.9655
SBEMH	Spring2	S	SCHLA	1.05	0.1127	-0.251	3.725	-107.62	No trend	0.5735
SBEMH	Spring2	S	STSS	0.00	0.0771	-0.197	8.575	-36.69	No trend	0.3709
SBEMH	Spring2	B	BTSS	0.00	0.0006	-0.778	16.075	-77.43	Improving	0.4445
SBEMH	Spring2	S	SECCHI	0.00	0.6002	0.004	0.750	8.25	No trend	0.8744
SBEMH	Spring2	B	BDO	0.00	0.0271	0.078	5.200	24.10	No trend	0.4233
SBEMH	Spring2	S	SSALINITY	0.00	0.0400	0.200	13.975	22.90	No trend	0.9142
SBEMH	Spring2	B	BSALINITY	0.00	0.3104	-0.112	20.100	-8.88	No trend	0.2844
SBEMH	Spring2	B	BWTEMP	0.00	0.0000	0.409	18.225	35.89	Increasing	0.8508
SBEMH	Spring2	S	SWTEMP	0.00	0.0002	0.258	20.775	19.87	Increasing	0.4901
ELIPH	Spring2	S	SCHLA	5.43	0.9529	0.003	10.483	0.59	No trend	0.9951
ELIPH	Spring2	S	STSS	2.70	0.7243	-0.091	13.600	-11.35	No trend	0.5225
ELIPH	Spring2	B	BTSS	0.00	0.9598	0.003	26.300	0.20	No trend	0.7522
ELIPH	Spring2	S	SECCHI	0.00	0.0662	-0.008	1.025	-16.26	No trend	0.1808
ELIPH	Spring2	B	BDO	0.00	0.3983	0.009	6.650	2.73	No trend	0.3601
ELIPH	Spring2	S	SSALINITY	0.00	0.5267	-0.067	20.413	-6.52	No trend	0.4881
ELIPH	Spring2	B	BSALINITY	0.00	0.3774	-0.043	22.848	-3.75	No trend	0.9449
ELIPH	Spring2	B	BWTEMP	0.00	0.0655	0.091	18.725	9.70	No trend	0.9254
ELIPH	Spring2	S	SWTEMP	0.00	0.0022	0.109	20.200	10.78	Increasing	0.6870
PMKTF	Spring2	S	SCHLA	46.15	0.0023	0.000	3.100	0.00	Unchanged	0.7452
PMKTF	Spring2	S	STSS	0.00	0.0448	0.458	12.500	62.29	No trend	0.4208
PMKTF	Spring2	B	BTSS	0.00	0.9598	0.000	17.250	0.00	No trend	0.2492
PMKTF	Spring2	S	SECCHI	0.00	0.0238	-0.011	0.775	-28.16	No trend	0.1197
PMKTF	Spring2	B	BDO	0.00	0.0457	0.033	6.575	10.08	No trend	0.4011
PMKTF	Spring2	S	SSALINITY	0.00	0.0086	0.000	0.010	0.00	Unchanged	0.6574
PMKTF	Spring2	B	BSALINITY	0.00	0.0086	0.000	0.010	0.00	Unchanged	0.6574
PMKTF	Spring2	B	BWTEMP	0.00	0.1201	-0.074	21.875	-6.74	No trend	0.9646
PMKTF	Spring2	S	SWTEMP	0.00	0.1295	-0.084	22.125	-7.63	No trend	0.9450
PMKOH	Spring2	S	SCHLA	17.72	0.3046	0.081	5.398	30.15	No trend	0.2350
PMKOH	Spring2	S	STSS	0.00	0.4095	-0.500	81.500	-12.27	No trend	0.5267
PMKOH	Spring2	B	BTSS	0.00	0.7749	-0.784	134.500	-9.33	No trend	0.6552
PMKOH	Spring2	S	SECCHI	0.00	0.1800	0.000	0.300	0.00	No trend	0.6972
PMKOH	Spring2	B	BDO	0.00	0.0809	0.032	6.175	10.32	No trend	0.2380
PMKOH	Spring2	S	SSALINITY	0.00	0.5348	0.007	4.375	3.05	No trend	0.9864
PMKOH	Spring2	B	BSALINITY	0.00	0.9701	0.000	4.860	0.00	No trend	0.8480
PMKOH	Spring2	B	BWTEMP	0.00	0.0134	-0.100	20.775	-9.63	No trend	0.2801
PMKOH	Spring2	S	SWTEMP	0.00	0.0103	-0.097	20.750	-9.35	No trend	0.2168
MPNTF	Spring2	S	SCHLA	42.50	0.0025	-0.083	3.400	-48.77	Improving	0.8864
MPNTF	Spring2	S	STSS	11.94	0.0310	0.294	7.250	68.83	No trend	0.8078
MPNTF	Spring2	B	BTSS	4.62	0.4341	0.107	12.500	14.57	No trend	0.6066
MPNTF	Spring2	S	SECCHI	0.00	0.0007	-0.024	1.075	-43.78	Degrading	0.6898
MPNTF	Spring2	B	BDO	0.00	0.1252	0.022	6.825	6.46	No trend	0.9720
MPNTF	Spring2	S	SSALINITY	0.00	0.3857	0.000	0.010	0.00	No trend	
MPNTF	Spring2	B	BSALINITY	0.00	0.3613	0.000	0.010	0.00	No trend	
MPNTF	Spring2	B	BWTEMP	0.00	0.3750	-0.053	22.375	-4.78	No trend	0.9387
MPNTF	Spring2	S	SWTEMP	0.00	0.6795	-0.015	22.125	-1.40	No trend	0.8765
MPNOH	Spring2	S	SCHLA	30.38	0.8041	0.000	3.625	0.00	No trend	0.4433
MPNOH	Spring2	S	STSS	0.00	0.0350	0.767	28.500	53.82	No trend	0.2395
MPNOH	Spring2	B	BTSS	0.00	0.2997	0.938	44.000	42.61	No trend	0.3580
MPNOH	Spring2	S	SECCHI	0.00	0.9498	0.000	0.425	0.00	No trend	0.3189
MPNOH	Spring2	B	BDO	0.00	0.0333	0.031	5.900	10.62	No trend	0.9990
MPNOH	Spring2	S	SSALINITY	0.00	0.2733	0.029	3.250	17.69	No trend	0.5141
MPNOH	Spring2	B	BSALINITY	0.00	0.1932	0.048	4.230	22.81	No trend	0.4841

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity
										test P value
MPNOH	Spring2	B	BWTEMP	0.00	0.1604	-0.064	20.600	-6.26	No trend	0.7091
MPNOH	Spring2	S	SWTEMP	0.00	0.2388	-0.043	20.825	-4.10	No trend	0.6225
YRKMh	Spring2	S	SCHLA	3.85	0.1469	0.207	9.118	45.39	No trend	0.4294
YRKMh	Spring2	S	STSS	0.00	0.7549	-0.174	43.000	-6.48	No trend	0.2125
YRKMh	Spring2	B	BTSS	0.00	0.0577	3.356	73.000	73.56	No trend	0.5376
YRKMh	Spring2	S	SECCHI	0.00	0.0648	0.003	0.425	14.71	No trend	0.0756
YRKMh	Spring2	B	BDO	0.00	0.3294	0.020	5.950	6.67	No trend	0.6946
YRKMh	Spring2	S	SSALINITY	0.00	0.9403	0.019	12.058	3.08	No trend	0.9615
YRKMh	Spring2	B	BSALINITY	0.00	0.4535	-0.050	13.630	-7.34	No trend	0.7756
YRKMh	Spring2	B	BWTEMP	0.00	0.0245	-0.100	20.275	-9.86	No trend	0.6543
YRKMh	Spring2	S	SWTEMP	0.00	0.0037	-0.122	20.475	-11.92	Decreasing	0.6415
YRKPPh	Spring2	S	SCHLA	4.49	0.0609	0.171	8.953	38.24	No trend	0.5578
YRKPPh	Spring2	S	STSS	7.58	0.0466	0.305	6.000	101.52	No trend	0.4398
YRKPPh	Spring2	B	BTSS	0.00	0.2217	0.975	31.750	49.13	No trend	0.7249
YRKPPh	Spring2	S	SECCHI	0.00	0.0668	-0.014	1.325	-21.56	No trend	0.0407
YRKPPh	Spring2	B	BDO	0.00	0.7358	0.010	6.875	2.77	No trend	0.4889
YRKPPh	Spring2	S	SSALINITY	0.00	0.4420	-0.053	20.248	-5.19	No trend	0.8662
YRKPPh	Spring2	B	BSALINITY	0.00	0.8956	-0.013	20.900	-1.25	No trend	0.8518
YRKPPh	Spring2	B	BWTEMP	0.00	0.0022	-0.150	18.725	-16.00	Decreasing	0.8802
YRKPPh	Spring2	S	SWTEMP	0.00	0.0039	-0.099	19.025	-10.37	Decreasing	0.9339
MOBPH	Spring2	S	STN	0.00	0.2773	-0.002	0.460	-8.48	No trend	0.9494
MOBPH	Spring2	B	BTN	0.00	0.0560	-0.004	0.509	-16.87	No trend	0.9084
MOBPH	Spring2	S	SDIN	95.19	0.0707	-0.001	0.040	-41.67	No trend	0.9477
MOBPH	Spring2	B	BDIN	89.54	0.1600	-0.001	0.042	-30.47	No trend	0.9416
MOBPH	Spring2	S	STP	18.38	0.7077	0.000	0.026	1.98	No trend	0.7015
MOBPH	Spring2	B	BTP	10.81	0.8661	0.000	0.032	-2.46	No trend	0.8352
MOBPH	Spring2	S	SPO4F	94.40	0.0000	0.000	0.010	-51.22	Improving	0.8737
MOBPH	Spring2	B	BPO4F	91.47	0.0000	0.000	0.010	-47.14	Improving	0.8763
MOBPH	Spring2	S	SCHLA	12.16	0.4098	0.059	5.140	22.85	No trend	0.2386
MOBPH	Spring2	S	STSS	2.39	0.7216	-0.027	9.650	-5.63	No trend	0.9997
MOBPH	Spring2	B	BTSS	1.88	0.7078	0.036	14.000	5.11	No trend	0.2753
MOBPH	Spring2	S	SECCHI	0.00	0.0001	-0.029	1.400	-40.82	Degrading	0.8493
MOBPH	Spring2	B	BDO	0.00	0.0001	0.079	7.325	21.43	Improving	0.1538
MOBPH	Spring2	S	SSALINITY	0.00	0.1245	-0.099	20.435	-9.74	No trend	0.7130
MOBPH	Spring2	B	BSALINITY	0.00	0.0783	-0.097	20.573	-9.42	No trend	0.3856
MOBPH	Spring2	B	BWTEMP	0.00	0.7787	0.011	18.050	1.25	No trend	0.5825
MOBPH	Spring2	S	SWTEMP	0.00	0.7931	-0.013	19.175	-1.34	No trend	0.9296
RPPTF	Spring2	S	SCHLA	14.42	0.2877	0.150	8.513	35.24	No trend	0.4771
RPPTF	Spring2	S	STSS	1.48	0.0184	0.375	24.000	26.56	No trend	0.5770
RPPTF	Spring2	B	BTSS	1.49	0.0269	0.742	34.500	36.55	No trend	0.8067
RPPTF	Spring2	S	SECCHI	0.00	0.5195	0.000	0.400	0.00	No trend	0.6369
RPPTF	Spring2	B	BDO	0.00	0.2529	0.029	8.025	7.30	No trend	0.8500
RPPTF	Spring2	S	SSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.6661
RPPTF	Spring2	B	BSALINITY	0.00	0.0001	0.000	0.010	0.00	Unchanged	0.7091
RPPTF	Spring2	B	BWTEMP	0.00	0.8660	0.001	21.625	0.06	No trend	0.8314
RPPTF	Spring2	S	SWTEMP	0.00	0.9253	-0.001	22.500	-0.06	No trend	0.8366
RPPOH	Spring2	S	SCHLA	12.35	0.0032	0.417	4.408	189.32	Degrading	0.3390
RPPOH	Spring2	S	STSS	1.54	0.0956	-0.950	44.500	-36.29	No trend	0.5506
RPPOH	Spring2	B	BTSS	0.00	0.9598	0.000	55.000	0.00	No trend	0.2543
RPPOH	Spring2	S	SECCHI	0.00	0.7290	0.000	0.375	0.00	No trend	0.8365
RPPOH	Spring2	B	BDO	0.00	0.1712	0.029	7.775	7.55	No trend	0.9334
RPPOH	Spring2	S	SSALINITY	0.00	0.2188	0.000	1.263	0.00	No trend	0.8697
RPPOH	Spring2	B	BSALINITY	0.00	0.2919	0.000	1.640	0.00	No trend	0.9071
RPPOH	Spring2	B	BWTEMP	0.00	0.2999	-0.036	21.250	-3.35	No trend	0.7073
RPPOH	Spring2	S	SWTEMP	0.00	0.2852	-0.050	20.875	-4.79	No trend	0.5140
RPPMH	Spring2	S	SCHLA	8.08	0.3207	0.074	8.558	17.33	No trend	0.3160
RPPMH	Spring2	S	STSS	9.11	0.3884	0.135	6.750	40.07	No trend	0.8918
RPPMH	Spring2	B	BTSS	4.34	0.0087	0.691	7.700	179.47	Degrading	0.7644
RPPMH	Spring2	S	SECCHI	0.00	0.0063	-0.019	1.300	-28.96	Degrading	0.3145
RPPMH	Spring2	B	BDO	0.00	0.8956	0.001	6.700	0.19	No trend	0.9996

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
RPPMH	Spring2	S	SSALINITY	0.00	0.1389	-0.097	14.488	-13.32	No trend	0.9748
RPPMH	Spring2	B	BSALINITY	0.00	0.1600	-0.101	15.525	-13.00	No trend	0.8914
RPPMH	Spring2	B	BWTEMP	0.00	0.0257	-0.084	17.500	-9.62	No trend	0.7346
RPPMH	Spring2	S	SWTEMP	0.00	0.0312	-0.071	19.625	-7.28	No trend	0.9131
CRRMH	Spring2	S	SCHLA	6.10	0.6509	0.048	12.615	7.57	No trend	0.8110
CRRMH	Spring2	S	STSS	14.47	0.4272	-0.071	6.500	-21.98	No trend	0.8163
CRRMH	Spring2	B	BTSS	15.38	0.7870	0.000	8.000	0.00	No trend	0.5417
CRRMH	Spring2	S	SECCHI	0.00	0.0007	-0.020	1.850	-21.62	Degrading	0.7021
CRRMH	Spring2	B	BDO	0.00	0.3983	-0.033	7.225	-9.23	No trend	0.8005
CRRMH	Spring2	S	SSALINITY	0.00	0.1245	-0.117	15.618	-14.94	No trend	0.8296
CRRMH	Spring2	B	BSALINITY	0.00	0.1108	-0.092	15.815	-11.60	No trend	0.8136
CRRMH	Spring2	B	BWTEMP	0.00	0.0006	-0.113	20.200	-11.14	Decreasing	0.7927
CRRMH	Spring2	S	SWTEMP	0.00	0.1072	-0.054	20.950	-5.16	No trend	0.6499
PIAMH	Spring2	S	STN	0.00	0.5312	-0.001	0.523	-4.46	No trend	0.8049
PIAMH	Spring2	B	BTN	0.00	0.7529	-0.001	0.580	-3.60	No trend	0.5057
PIAMH	Spring2	S	SDIN	11.70	0.0539	0.000	0.050	-11.81	No trend	0.2891
PIAMH	Spring2	B	BDIN	8.51	0.7467	0.000	0.072	0.00	No trend	0.8820
PIAMH	Spring2	S	STP	1.06	0.2151	0.000	0.023	-14.13	No trend	0.2545
PIAMH	Spring2	B	BTP	0.00	0.7231	0.000	0.024	-4.31	No trend	0.5827
PIAMH	Spring2	S	SPO4F	82.98	0.0000	0.000	0.010	-80.00	Improving	0.8337
PIAMH	Spring2	B	BPO4F	79.79	0.0000	0.000	0.010	-80.00	Improving	0.9305
PIAMH	Spring2	S	SCHLA	8.70	0.9016	-0.023	7.933	-5.67	No trend	0.4017
PIAMH	Spring2	S	STSS	10.64	0.4664	-0.071	5.375	-26.36	No trend	0.7453
PIAMH	Spring2	B	BTSS	3.19	0.3975	-0.099	11.500	-17.16	No trend	0.2573
PIAMH	Spring2	S	SECCHI	0.00	0.0001	-0.029	1.825	-31.31	Degrading	0.6715
PIAMH	Spring2	B	BDO	0.00	0.0006	0.086	7.625	22.62	Improving	0.8932
PIAMH	Spring2	S	SSALINITY	0.00	0.0589	-0.128	17.565	-14.56	No trend	0.8426
PIAMH	Spring2	B	BSALINITY	0.00	0.0099	-0.138	17.995	-15.30	Decreasing	0.9047
PIAMH	Spring2	B	BWTEMP	0.00	0.3971	-0.025	17.850	-2.82	No trend	0.2166
PIAMH	Spring2	S	SWTEMP	0.00	0.3156	-0.045	18.575	-4.86	No trend	0.7555
POCMH	Spring2	S	STN	0.00	0.6530	0.001	0.578	4.46	No trend	0.7670
POCMH	Spring2	B	BTN	0.00	0.6803	0.001	0.593	4.03	No trend	0.5423
POCMH	Spring2	S	SDIN	85.56	0.0165	-0.002	0.068	-56.66	No trend	0.8801
POCMH	Spring2	B	BDIN	83.80	0.0882	-0.001	0.065	-35.34	No trend	0.7893
POCMH	Spring2	S	STP	7.91	0.1340	0.000	0.029	21.93	No trend	0.8950
POCMH	Spring2	B	BTP	10.17	0.2160	0.000	0.028	22.35	No trend	0.3763
POCMH	Spring2	S	SPO4F	93.96	0.0000	0.000	0.010	-55.00	Improving	0.6970
POCMH	Spring2	B	BPO4F	94.51	0.0000	0.000	0.010	-50.00	Improving	0.9715
POCMH	Spring2	S	SCHLA	7.73	0.0783	0.156	7.425	42.10	No trend	0.6284
POCMH	Spring2	S	STSS	2.76	0.4424	0.141	13.075	21.50	No trend	0.8904
POCMH	Spring2	B	BTSS	1.65	0.1031	0.349	17.750	39.29	No trend	0.0717
POCMH	Spring2	S	SECCHI	0.00	0.0000	-0.036	1.750	-40.82	Degrading	0.9533
POCMH	Spring2	B	BDO	0.00	0.5731	-0.007	7.850	-1.67	No trend	0.5824
POCMH	Spring2	S	SSALINITY	0.00	0.0394	-0.113	18.210	-12.46	No trend	0.9902
POCMH	Spring2	B	BSALINITY	0.00	0.1546	-0.079	18.263	-8.67	No trend	0.9737
POCMH	Spring2	B	BWTEMP	0.00	1.0000	0.000	19.050	0.00	No trend	0.7219
POCMH	Spring2	S	SWTEMP	0.00	0.7643	0.010	19.250	1.05	No trend	0.6395
CB6PH	Spring2	S	STN	0.00	0.6665	-0.001	0.551	-3.52	No trend	0.3984
CB6PH	Spring2	B	BTN	0.00	0.1774	-0.003	0.498	-11.96	No trend	0.8136
CB6PH	Spring2	S	SDIN	67.65	0.7931	0.000	0.063	-11.97	No trend	0.8271
CB6PH	Spring2	B	BDIN	78.55	0.3889	0.001	0.052	56.37	No trend	0.2765
CB6PH	Spring2	S	STP	48.66	0.9552	0.000	0.021	-0.58	No trend	0.1128
CB6PH	Spring2	B	BTP	18.60	0.2452	0.000	0.026	9.71	No trend	0.1694
CB6PH	Spring2	S	SPO4F	94.68	0.0000	0.000	0.010	-50.70	Improving	0.9538
CB6PH	Spring2	B	BPO4F	89.04	0.0000	0.000	0.010	-45.00	Improving	0.3858
CB6PH	Spring2	S	SCHLA	14.17	0.9403	-0.004	6.991	-1.22	No trend	0.6025
CB6PH	Spring2	S	STSS	12.67	0.3205	0.050	5.250	19.05	No trend	0.9891
CB6PH	Spring2	B	BTSS	1.87	0.0108	0.253	10.163	49.88	No trend	0.7713
CB6PH	Spring2	S	SECCHI	0.00	0.0005	-0.033	2.225	-29.96	Degrading	0.9395
CB6PH	Spring2	B	BDO	0.00	0.0488	0.034	6.525	10.52	No trend	0.1147

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
CB6PH	Spring2	S	SSALINITY	0.00	0.0721	-0.118	18.383	-12.82	No trend	0.7638
CB6PH	Spring2	B	BSALINITY	0.00	0.9254	-0.005	22.895	-0.41	No trend	0.9934
CB6PH	Spring2	B	BWTEMP	0.00	0.3206	-0.029	17.375	-3.31	No trend	0.8754
CB6PH	Spring2	S	SWTEMP	0.00	0.6260	-0.018	18.500	-1.91	No trend	0.9054
CB7PH	Spring2	S	STN	0.00	0.7219	-0.001	0.497	-3.80	No trend	0.7995
CB7PH	Spring2	B	BTN	0.00	0.4204	-0.001	0.466	-6.30	No trend	0.8465
CB7PH	Spring2	S	SDIN	77.59	0.3578	0.000	0.040	-22.61	No trend	0.7129
CB7PH	Spring2	B	BDIN	84.17	0.2455	0.001	0.044	35.97	No trend	0.2552
CB7PH	Spring2	S	STP	44.00	0.3023	0.000	0.021	-6.51	No trend	0.2608
CB7PH	Spring2	B	BTP	14.18	0.4650	0.000	0.032	-6.14	No trend	0.8370
CB7PH	Spring2	S	SPO4F	93.55	0.0000	0.000	0.010	-54.42	Improving	0.8619
CB7PH	Spring2	B	BPO4F	84.33	0.0000	0.000	0.010	-55.00	Improving	0.9482
CB7PH	Spring2	S	SCHLA	22.36	0.2771	0.052	4.165	25.07	No trend	0.5800
CB7PH	Spring2	S	STSS	11.28	0.8957	-0.006	5.675	-2.14	No trend	0.7108
CB7PH	Spring2	B	BTSS	1.68	0.0431	0.300	11.275	53.22	No trend	0.7021
CB7PH	Spring2	S	SECCHI	0.00	0.0003	-0.038	2.300	-32.61	Degrading	0.3362
CB7PH	Spring2	B	BDO	0.00	0.0049	0.050	7.300	13.70	Improving	0.7182
CB7PH	Spring2	S	SSALINITY	0.00	0.1340	-0.103	20.013	-10.28	No trend	0.3728
CB7PH	Spring2	B	BSALINITY	0.00	0.5999	-0.026	24.213	-2.14	No trend	0.8403
CB7PH	Spring2	B	BWTEMP	0.00	0.3392	-0.024	16.725	-2.89	No trend	0.9927
CB7PH	Spring2	S	SWTEMP	0.00	0.9104	0.000	17.600	0.04	No trend	0.9416
CB8PH	Spring2	S	STN	0.00	0.9373	0.000	0.435	-1.67	No trend	0.4863
CB8PH	Spring2	B	BTN	0.00	0.6368	-0.001	0.455	-4.96	No trend	0.3079
CB8PH	Spring2	S	SDIN	92.09	0.1799	0.001	0.020	61.41	No trend	0.6801
CB8PH	Spring2	B	BDIN	99.64	0.6939	0.000	0.024	11.14	No trend	0.6849
CB8PH	Spring2	S	STP	41.37	0.0001	-0.001	0.040	-27.39	Improving	0.3571
CB8PH	Spring2	B	BTP	11.23	0.0235	-0.001	0.051	-20.69	No trend	0.6185
CB8PH	Spring2	S	SPO4F	92.11	0.0000	0.000	0.010	-85.00	Improving	0.9643
CB8PH	Spring2	B	BPO4F	65.47	0.0000	0.000	0.012	-78.88	Improving	0.8831
CB8PH	Spring2	S	SCHLA	28.52	0.1624	0.110	4.468	49.44	No trend	0.4867
CB8PH	Spring2	S	STSS	12.95	0.3155	0.092	6.350	29.05	No trend	0.5568
CB8PH	Spring2	B	BTSS	1.44	0.0616	0.233	10.725	43.51	No trend	0.0810
CB8PH	Spring2	S	SECCHI	0.00	0.0004	-0.045	2.200	-41.17	Degrading	0.8980
CB8PH	Spring2	B	BDO	0.00	0.0004	0.050	7.800	12.82	Improving	0.6112
CB8PH	Spring2	S	SSALINITY	0.00	0.0491	-0.131	23.900	-11.00	No trend	0.8451
CB8PH	Spring2	B	BSALINITY	0.00	0.0224	-0.051	29.920	-3.44	No trend	0.5756
CB8PH	Spring2	B	BWTEMP	0.00	0.1110	-0.062	15.625	-7.92	No trend	0.3942
CB8PH	Spring2	S	SWTEMP	0.00	0.2537	-0.038	17.425	-4.35	No trend	0.6602
APPTF	Summer1	S	SCHLA	0.00	0.0159	-1.050	47.230	-44.46	No trend	0.8515
APPTF	Summer1	S	STSS	0.00	0.7517	-0.071	24.500	-4.96	No trend	0.5605
APPTF	Summer1	B	BTSS	0.00	0.1906	-0.600	32.250	-31.63	No trend	0.3790
APPTF	Summer1	S	SECCHI	0.00	0.0058	-0.004	0.500	-16.67	Degrading	0.6460
APPTF	Summer1	B	BDO	0.00	0.0321	0.042	8.200	10.16	No trend	0.3755
APPTF	Summer1	S	SSALINITY	0.00	0.1653	0.000	0.010	0.00	No trend	0.4557
APPTF	Summer1	B	BSALINITY	0.00	0.1163	0.000	0.010	0.00	No trend	0.4216
APPTF	Summer1	B	BWTEMP	0.00	0.5409	0.046	25.125	3.66	No trend	0.4449
APPTF	Summer1	S	SWTEMP	0.00	0.2069	0.050	25.625	3.90	No trend	0.4540
JMSTF1	Summer1	S	SCHLA	0.97	0.4457	-0.283	26.793	-21.11	No trend	0.9267
JMSTF1	Summer1	S	STSS	0.00	0.0099	0.420	19.750	36.14	Degrading	0.1776
JMSTF1	Summer1	B	BTSS	0.38	0.1588	1.139	33.000	58.70	No trend	0.2132
JMSTF1	Summer1	S	SECCHI	0.00	0.0000	-0.013	0.650	-38.46	Degrading	0.7604
JMSTF1	Summer1	B	BDO	0.00	0.0064	0.046	6.400	14.23	Improving	0.8390
JMSTF1	Summer1	S	SSALINITY	0.00	0.0438	0.000	0.010	0.00	No trend	0.9249
JMSTF1	Summer1	B	BSALINITY	0.00	0.1684	0.000	0.010	0.00	No trend	0.8482
JMSTF1	Summer1	B	BWTEMP	0.00	0.7332	-0.014	25.000	-1.12	No trend	0.3848
JMSTF1	Summer1	S	SWTEMP	0.00	0.9871	0.000	24.875	0.00	No trend	0.3268
JMSTF2	Summer1	S	SCHLA	30.92	0.8269	0.000	4.643	0.00	No trend	0.9498
JMSTF2	Summer1	S	STSS	15.41	0.5222	0.000	10.000	0.00	No trend	0.0181
JMSTF2	Summer1	B	BTSS	1.14	0.2554	0.268	18.750	24.29	No trend	0.6389
JMSTF2	Summer1	S	SECCHI	0.00	0.0575	-0.009	0.900	-20.83	No trend	0.5370



Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
JMSTF2	Summer1	B	BDO	0.00	0.0002	0.050	6.200	16.13	Improving	0.9476
JMSTF2	Summer1	S	SSALINITY	0.00	0.1919	0.000	0.010	0.00	No trend	0.2029
JMSTF2	Summer1	B	BSALINITY	0.00	0.1066	0.000	0.010	0.00	No trend	0.4172
JMSTF2	Summer1	B	BWTEMP	0.00	0.8300	0.010	25.375	0.76	No trend	0.7751
JMSTF2	Summer1	S	SWTEMP	0.00	0.5268	0.021	26.300	1.59	No trend	0.6639
CHKOH	Summer1	S	SCHLA	1.11	0.0002	-0.696	29.450	-40.19	Improving	0.4579
CHKOH	Summer1	S	STSS	0.00	0.6508	0.038	18.500	3.53	No trend	0.1023
CHKOH	Summer1	B	BTSS	0.00	0.0303	1.714	35.250	82.67	No trend	0.2096
CHKOH	Summer1	S	SECCHI	0.00	0.0004	-0.008	0.550	-23.78	Degrading	0.3103
CHKOH	Summer1	B	BDO	0.00	0.7361	0.012	5.750	3.44	No trend	0.7966
CHKOH	Summer1	S	SSALINITY	0.00	0.0292	0.000	0.010	0.00	No trend	0.5230
CHKOH	Summer1	B	BSALINITY	0.00	0.0253	0.000	0.010	0.00	No trend	0.5036
CHKOH	Summer1	B	BWTEMP	0.00	0.7362	0.011	26.600	0.72	No trend	0.3252
CHKOH	Summer1	S	SWTEMP	0.00	0.8498	0.010	26.750	0.64	No trend	0.3340
JMSOH	Summer1	S	SCHLA	1.36	0.8203	-0.017	8.070	-4.17	No trend	0.5519
JMSOH	Summer1	S	STSS	0.57	0.7522	-0.116	26.000	-7.59	No trend	0.0604
JMSOH	Summer1	B	BTSS	0.00	0.7416	-0.281	55.750	-8.58	No trend	0.8992
JMSOH	Summer1	S	SECCHI	0.00	0.1635	-0.003	0.675	-9.88	No trend	0.6527
JMSOH	Summer1	B	BDO	0.00	0.5295	-0.006	6.875	-1.62	No trend	0.5928
JMSOH	Summer1	S	SSALINITY	0.00	0.4753	-0.035	6.213	-11.33	No trend	0.9116
JMSOH	Summer1	B	BSALINITY	0.00	0.7578	-0.017	6.875	-4.83	No trend	0.9189
JMSOH	Summer1	B	BWTEMP	0.00	0.5923	-0.016	25.700	-1.27	No trend	0.4941
JMSOH	Summer1	S	SWTEMP	0.00	0.7578	-0.010	25.850	-0.77	No trend	0.4176
JMSMH	Summer1	S	SCHLA	13.76	0.0437	0.099	4.670	42.47	No trend	0.0439
JMSMH	Summer1	S	STSS	0.55	0.2702	-0.125	12.000	-20.83	No trend	0.5298
JMSMH	Summer1	B	BTSS	1.15	0.0373	0.750	20.750	61.45	No trend	0.1878
JMSMH	Summer1	S	SECCHI	0.00	0.3775	-0.003	1.100	-5.68	No trend	0.2543
JMSMH	Summer1	B	BDO	0.00	0.9341	0.000	6.200	0.00	No trend	0.1567
JMSMH	Summer1	S	SSALINITY	0.00	0.2363	-0.096	17.308	-11.13	No trend	0.9015
JMSMH	Summer1	B	BSALINITY	0.00	0.1442	-0.071	19.603	-7.28	No trend	0.6208
JMSMH	Summer1	B	BWTEMP	0.00	0.6494	-0.010	24.725	-0.82	No trend	0.4656
JMSMH	Summer1	S	SWTEMP	0.00	0.4551	-0.018	25.125	-1.43	No trend	0.3403
JMSPH	Summer1	S	SCHLA	8.00	0.0000	0.259	3.963	130.68	Degrading	0.3599
JMSPH	Summer1	S	STSS	0.44	0.2427	0.081	9.775	16.64	No trend	0.7561
JMSPH	Summer1	B	BTSS	0.44	0.3301	-0.173	18.450	-18.76	No trend	0.4270
JMSPH	Summer1	S	SECCHI	0.00	0.0000	-0.020	1.250	-32.00	Degrading	0.9082
JMSPH	Summer1	B	BDO	0.00	0.0000	0.054	5.950	18.30	Improving	0.8072
JMSPH	Summer1	S	SSALINITY	0.00	0.0028	-0.165	23.610	-13.96	Decreasing	0.9828
JMSPH	Summer1	B	BSALINITY	0.00	0.0000	-0.237	25.210	-18.78	Decreasing	0.6538
JMSPH	Summer1	B	BWTEMP	0.00	0.0098	0.069	22.925	5.98	Increasing	0.3461
JMSPH	Summer1	S	SWTEMP	0.00	0.3805	-0.013	25.375	-0.99	No trend	0.5767
EBEMH	Summer1	S	STN	0.00	0.5054	-0.004	1.107	-5.30	No trend	0.7578
EBEMH	Summer1	B	BTN	0.00	0.1858	-0.006	1.081	-8.49	No trend	0.4671
EBEMH	Summer1	S	SDIN	0.00	0.5651	-0.004	0.523	-11.32	No trend	0.3980
EBEMH	Summer1	B	BDIN	0.00	0.1231	-0.007	0.569	-19.81	No trend	0.8188
EBEMH	Summer1	S	STP	0.00	0.0240	-0.002	0.113	-21.88	No trend	0.9596
EBEMH	Summer1	B	BTP	0.00	0.0002	-0.002	0.122	-27.71	Improving	0.2965
EBEMH	Summer1	S	SPO4F	0.00	0.1778	-0.001	0.079	-19.24	No trend	0.9106
EBEMH	Summer1	B	BPO4F	0.00	0.0387	-0.001	0.086	-24.81	No trend	0.8238
EBEMH	Summer1	S	SCHLA	3.17	0.9816	0.000	4.300	0.00	No trend	0.5295
EBEMH	Summer1	S	STSS	0.00	0.0025	-0.346	13.350	-41.52	Improving	0.4916
EBEMH	Summer1	B	BTSS	0.00	0.0564	-0.440	12.950	-54.40	No trend	0.5757
EBEMH	Summer1	S	SECCHI	0.00	0.0023	0.014	0.850	26.89	Improving	0.5175
EBEMH	Summer1	B	BDO	0.00	0.0443	0.062	3.250	30.49	No trend	0.7548
EBEMH	Summer1	S	SSALINITY	0.00	0.1882	0.073	18.200	6.45	No trend	0.5589
EBEMH	Summer1	B	BSALINITY	0.00	0.8858	0.008	18.650	0.68	No trend	0.8562
EBEMH	Summer1	B	BWTEMP	0.00	0.6669	0.022	25.850	1.36	No trend	0.0978
EBEMH	Summer1	S	SWTEMP	0.00	0.5412	0.027	26.550	1.66	No trend	0.0313
WBEMH	Summer1	S	STN	0.00	0.0362	-0.007	0.848	-13.41	No trend	0.5111
WBEMH	Summer1	B	BTN	0.00	0.1060	-0.008	0.899	-13.67	No trend	0.1480

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
WBEMH	Summer1	S	SDIN	6.35	0.9449	0.000	0.228	0.00	No trend	0.8885
WBEMH	Summer1	B	BDIN	0.00	0.9461	0.000	0.253	2.03	No trend	0.7187
WBEMH	Summer1	S	STP	0.00	0.0000	-0.004	0.140	-44.73	Improving	0.9186
WBEMH	Summer1	B	BTP	0.00	0.0000	-0.004	0.158	-38.02	Improving	0.3763
WBEMH	Summer1	S	SPO4F	1.61	0.0010	-0.002	0.068	-39.74	Improving	0.9205
WBEMH	Summer1	B	BPO4F	1.59	0.0020	-0.002	0.072	-37.30	Improving	0.9201
WBEMH	Summer1	S	SCHLA	0.00	0.0130	-0.543	25.600	-33.92	No trend	0.6268
WBEMH	Summer1	S	STSS	0.00	0.0142	-0.663	31.500	-33.68	No trend	0.6284
WBEMH	Summer1	B	BTSS	0.00	0.0121	-1.439	41.250	-55.81	No trend	0.9182
WBEMH	Summer1	S	SECCHI	0.00	0.0010	0.012	0.450	41.98	Improving	0.4458
WBEMH	Summer1	B	BDO	0.00	0.0634	0.068	4.400	24.73	No trend	0.7675
WBEMH	Summer1	S	SSALINITY	0.00	0.5649	0.058	17.500	5.32	No trend	0.8611
WBEMH	Summer1	B	BSALINITY	0.00	0.5572	0.053	17.550	4.86	No trend	0.8437
WBEMH	Summer1	B	BWTEMP	0.00	0.6892	-0.015	26.700	-0.92	No trend	0.3812
WBEMH	Summer1	S	SWTEMP	0.00	0.6618	0.014	26.850	0.85	No trend	0.0642
SBEMH	Summer1	S	STN	0.00	0.4476	-0.005	1.294	-5.84	No trend	0.3072
SBEMH	Summer1	B	BTN	0.00	0.3360	-0.003	1.145	-3.95	No trend	0.8848
SBEMH	Summer1	S	SDIN	0.00	0.3923	-0.005	0.714	-12.02	No trend	0.8493
SBEMH	Summer1	B	BDIN	0.00	0.8571	-0.001	0.661	-1.44	No trend	0.7452
SBEMH	Summer1	S	STP	0.00	0.0271	-0.001	0.107	-20.56	No trend	0.9864
SBEMH	Summer1	B	BTP	0.00	0.0001	-0.003	0.136	-31.22	Improving	0.9323
SBEMH	Summer1	S	SPO4F	0.00	0.0216	-0.002	0.075	-33.01	No trend	0.9672
SBEMH	Summer1	B	BPO4F	0.00	0.0029	-0.002	0.091	-33.98	Improving	0.9868
SBEMH	Summer1	S	SCHLA	0.00	0.1151	-0.301	9.025	-53.39	No trend	0.7206
SBEMH	Summer1	S	STSS	0.00	0.0726	-0.189	8.875	-34.05	No trend	0.9509
SBEMH	Summer1	B	BTSS	0.00	0.0004	-0.765	14.900	-82.10	Improving	0.6394
SBEMH	Summer1	S	SECCHI	0.00	0.1068	0.010	0.750	21.33	No trend	0.6798
SBEMH	Summer1	B	BDO	0.00	0.0541	0.070	2.650	42.26	No trend	0.9042
SBEMH	Summer1	S	SSALINITY	0.00	0.2224	0.093	17.575	8.47	No trend	0.7003
SBEMH	Summer1	B	BSALINITY	0.00	0.6219	-0.048	18.450	-4.15	No trend	0.9681
SBEMH	Summer1	B	BWTEMP	0.00	0.0485	0.135	25.500	8.47	No trend	0.3154
SBEMH	Summer1	S	SWTEMP	0.00	0.1287	0.067	28.125	3.83	No trend	0.0241
ELIPH	Summer1	S	SCHLA	4.68	0.0797	0.141	8.630	32.72	No trend	0.6665
ELIPH	Summer1	S	STSS	1.34	0.0089	-0.339	15.950	-36.12	Improving	0.5760
ELIPH	Summer1	B	BTSS	0.00	0.1175	-0.420	19.250	-37.10	No trend	0.4163
ELIPH	Summer1	S	SECCHI	0.00	0.0081	-0.008	1.100	-15.15	Degrading	0.3031
ELIPH	Summer1	B	BDO	0.00	0.4263	0.013	5.250	4.76	No trend	0.1573
ELIPH	Summer1	S	SSALINITY	0.00	0.0035	-0.186	23.385	-15.90	Decreasing	0.9868
ELIPH	Summer1	B	BSALINITY	0.00	0.0131	-0.127	25.380	-10.03	No trend	0.6227
ELIPH	Summer1	B	BWTEMP	0.00	0.8329	-0.008	23.775	-0.69	No trend	0.2996
ELIPH	Summer1	S	SWTEMP	0.00	0.6493	-0.007	24.825	-0.56	No trend	0.1454
PMKTF	Summer1	S	SCHLA	17.14	0.0129	-0.158	7.188	-43.90	No trend	0.3672
PMKTF	Summer1	S	STSS	3.45	0.2007	0.250	11.500	36.96	No trend	0.9308
PMKTF	Summer1	B	BTSS	2.33	0.0384	-0.750	18.000	-70.83	No trend	0.3052
PMKTF	Summer1	S	SECCHI	0.00	0.8074	0.000	0.625	0.00	No trend	0.5599
PMKTF	Summer1	B	BDO	0.00	0.1705	0.017	5.350	6.53	No trend	0.6289
PMKTF	Summer1	S	SSALINITY	0.00	0.0050	0.000	0.010	0.00	Unchanged	0.7886
PMKTF	Summer1	B	BSALINITY	0.00	0.0050	0.000	0.010	0.00	Unchanged	0.7886
PMKTF	Summer1	B	BWTEMP	0.00	0.1409	0.063	26.000	4.83	No trend	0.0705
PMKTF	Summer1	S	SWTEMP	0.00	0.0530	0.059	25.500	4.64	No trend	0.1082
PMKOH	Summer1	S	SCHLA	2.80	0.7040	0.060	9.455	12.78	No trend	0.2955
PMKOH	Summer1	S	STSS	1.08	0.1885	-0.652	33.000	-39.49	No trend	0.6954
PMKOH	Summer1	B	BTSS	0.00	0.0213	-4.333	182.750	-40.31	No trend	0.4466
PMKOH	Summer1	S	SECCHI	0.00	0.1273	0.000	0.450	0.00	No trend	0.8225
PMKOH	Summer1	B	BDO	0.00	1.0000	0.000	4.775	0.00	No trend	0.7620
PMKOH	Summer1	S	SSALINITY	0.00	0.9046	-0.005	5.608	-1.84	No trend	0.8260
PMKOH	Summer1	B	BSALINITY	0.00	0.8664	-0.013	6.743	-3.99	No trend	0.7920
PMKOH	Summer1	B	BWTEMP	0.00	0.7162	0.004	25.900	0.28	No trend	0.1864
PMKOH	Summer1	S	SWTEMP	0.00	1.0000	0.000	26.025	0.00	No trend	0.2410
MPNTF	Summer1	S	SCHLA	19.63	0.0089	-0.128	7.250	-35.17	Improving	0.9798

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
MPNTF	Summer1	S	STSS	17.24	0.4119	0.048	5.000	16.23	No trend	0.1104
MPNTF	Summer1	B	BTSS	11.63	0.6109	-0.031	8.750	-6.07	No trend	0.0497
MPNTF	Summer1	S	SECCHI	0.00	0.0117	-0.017	1.000	-33.33	No trend	0.0712
MPNTF	Summer1	B	BDO	0.00	0.4888	0.008	5.850	2.63	No trend	0.6425
MPNTF	Summer1	S	SSALINITY	0.00	0.1738	0.000	0.010	0.00	No trend	0.9901
MPNTF	Summer1	B	BSALINITY	0.00	0.1742	0.000	0.010	0.00	No trend	0.9767
MPNTF	Summer1	B	BWTEMP	0.00	0.0598	0.099	26.500	7.44	No trend	0.1679
MPNTF	Summer1	S	SWTEMP	0.00	0.0131	0.115	25.625	9.00	No trend	0.1635
MPNOH	Summer1	S	SCHLA	4.72	0.6878	-0.030	9.650	-6.22	No trend	0.3502
MPNOH	Summer1	S	STSS	1.05	0.2102	0.308	17.500	35.16	No trend	0.3710
MPNOH	Summer1	B	BTSS	0.00	0.1369	1.633	40.000	69.42	No trend	0.3330
MPNOH	Summer1	S	SECCHI	0.00	0.0985	0.000	0.575	0.00	No trend	0.9896
MPNOH	Summer1	B	BDO	0.00	0.4412	0.009	4.975	3.80	No trend	0.6877
MPNOH	Summer1	S	SSALINITY	0.00	0.3920	0.070	7.290	19.20	No trend	0.2060
MPNOH	Summer1	B	BSALINITY	0.00	0.4657	0.074	7.798	19.11	No trend	0.3848
MPNOH	Summer1	B	BWTEMP	0.00	0.6497	0.020	25.950	1.54	No trend	0.1686
MPNOH	Summer1	S	SWTEMP	0.00	0.3110	0.028	26.250	2.12	No trend	0.1348
YRKMH	Summer1	S	SCHLA	1.38	0.8300	-0.016	9.805	-3.31	No trend	0.4176
YRKMH	Summer1	S	STSS	0.00	0.0267	-0.461	23.750	-32.97	No trend	0.6301
YRKMH	Summer1	B	BTSS	0.58	0.6059	0.431	42.250	17.32	No trend	0.3209
YRKMH	Summer1	S	SECCHI	0.00	0.3689	0.000	0.575	0.00	No trend	0.2068
YRKMH	Summer1	B	BDO	0.00	0.8135	0.001	5.175	0.35	No trend	0.3984
YRKMH	Summer1	S	SSALINITY	0.00	0.0475	-0.150	15.335	-19.56	No trend	0.5505
YRKMH	Summer1	B	BSALINITY	0.00	0.0258	-0.126	16.798	-14.96	No trend	0.9060
YRKMH	Summer1	B	BWTEMP	0.00	0.6084	0.010	25.525	0.78	No trend	0.0254
YRKMH	Summer1	S	SWTEMP	0.00	0.7789	0.006	25.850	0.43	No trend	0.0679
YRKPH	Summer1	S	SCHLA	2.77	0.0033	0.162	7.875	41.14	Degrading	0.9225
YRKPH	Summer1	S	STSS	3.87	0.5013	-0.080	6.000	-26.79	No trend	0.9294
YRKPH	Summer1	B	BTSS	1.75	0.8093	0.111	21.500	8.79	No trend	0.7221
YRKPH	Summer1	S	SECCHI	0.00	0.1441	-0.005	1.175	-7.74	No trend	0.2316
YRKPH	Summer1	B	BDO	0.00	0.3999	-0.025	4.750	-10.53	No trend	0.4352
YRKPH	Summer1	S	SSALINITY	0.00	0.0013	-0.205	22.725	-18.04	Decreasing	0.7968
YRKPH	Summer1	B	BSALINITY	0.00	0.0247	-0.105	23.870	-8.80	No trend	0.8905
YRKPH	Summer1	B	BWTEMP	0.00	0.2474	-0.033	24.475	-2.72	No trend	0.1150
YRKPH	Summer1	S	SWTEMP	0.00	0.4297	-0.021	24.975	-1.67	No trend	0.2483
MOBPH	Summer1	S	STN	0.00	0.0535	-0.002	0.545	-8.54	No trend	0.9128
MOBPH	Summer1	B	BTN	0.00	0.0000	-0.006	0.585	-19.55	Improving	0.7061
MOBPH	Summer1	S	SDIN	98.59	0.0017	-0.001	0.040	-42.34	Improving	0.7478
MOBPH	Summer1	B	BDIN	89.81	0.0262	-0.001	0.047	-37.48	No trend	0.7365
MOBPH	Summer1	S	STP	1.77	0.0170	0.000	0.033	20.85	No trend	0.7013
MOBPH	Summer1	B	BTP	0.35	0.9741	0.000	0.047	-0.11	No trend	0.6176
MOBPH	Summer1	S	SPO4F	86.12	0.0031	0.000	0.010	-33.57	Improving	0.1710
MOBPH	Summer1	B	BPO4F	69.12	0.0045	0.000	0.011	-48.68	Improving	0.4647
MOBPH	Summer1	S	SCHLA	4.10	0.0013	0.191	7.700	49.51	Degrading	0.7918
MOBPH	Summer1	S	STSS	1.23	0.0363	-0.255	12.000	-42.44	No trend	0.6866
MOBPH	Summer1	B	BTSS	0.18	0.0086	-0.369	21.400	-34.45	Improving	0.8164
MOBPH	Summer1	S	SECCHI	0.00	0.0002	-0.016	1.175	-27.62	Degrading	0.9347
MOBPH	Summer1	B	BDO	0.00	0.0002	0.056	5.950	18.88	Improving	0.4649
MOBPH	Summer1	S	SSALINITY	0.00	0.0019	-0.147	23.008	-12.78	Decreasing	0.9818
MOBPH	Summer1	B	BSALINITY	0.00	0.0006	-0.151	23.378	-12.88	Decreasing	0.8884
MOBPH	Summer1	B	BWTEMP	0.00	0.1117	0.033	25.050	2.64	No trend	0.9488
MOBPH	Summer1	S	SWTEMP	0.00	0.4853	0.023	25.650	1.77	No trend	0.9272
RPPTF	Summer1	S	SCHLA	2.54	0.3989	-0.279	26.660	-20.94	No trend	0.7814
RPPTF	Summer1	S	STSS	1.15	0.7258	-0.072	24.750	-4.93	No trend	0.3214
RPPTF	Summer1	B	BTSS	1.90	0.9507	0.018	33.750	0.90	No trend	0.3945
RPPTF	Summer1	S	SECCHI	0.00	0.4331	0.000	0.400	0.00	No trend	0.5661
RPPTF	Summer1	B	BDO	0.00	0.5629	-0.008	7.375	-2.26	No trend	0.7759
RPPTF	Summer1	S	SSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.7835
RPPTF	Summer1	B	BSALINITY	0.00	0.0000	0.000	0.010	0.00	Unchanged	0.4901
RPPTF	Summer1	B	BWTEMP	0.00	0.9224	0.000	25.750	0.00	No trend	0.4589

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
RPPTF	Summer1	S	SWTEMP	0.00	0.9741	-0.001	26.125	-0.06	No trend	0.4473
RPPOH	Summer1	S	SCHLA	3.70	0.0000	0.603	9.573	125.93	Degrading	0.9745
RPPOH	Summer1	S	STSS	1.15	0.4610	-0.134	24.500	-9.29	No trend	0.4874
RPPOH	Summer1	B	BTSS	1.16	0.2915	0.500	34.500	24.64	No trend	0.1341
RPPOH	Summer1	S	SECCHI	0.00	0.0131	-0.005	0.625	-16.00	No trend	0.1551
RPPOH	Summer1	B	BDO	0.00	0.0090	0.042	6.250	13.33	Improving	0.8307
RPPOH	Summer1	S	SSALINITY	0.00	0.0378	-0.048	4.645	-20.63	No trend	0.9912
RPPOH	Summer1	B	BSALINITY	0.00	0.0832	-0.044	4.790	-18.33	No trend	0.8113
RPPOH	Summer1	B	BWTEMP	0.00	0.4449	0.017	26.100	1.31	No trend	0.1250
RPPOH	Summer1	S	SWTEMP	0.00	0.2764	0.036	26.175	2.71	No trend	0.1044
RPPMH	Summer1	S	SCHLA	2.30	0.0007	0.187	7.715	48.56	Degrading	0.7073
RPPMH	Summer1	S	STSS	10.66	0.0494	-0.209	6.750	-61.82	No trend	0.0706
RPPMH	Summer1	B	BTSS	4.64	0.7451	-0.065	12.750	-10.15	No trend	0.0572
RPPMH	Summer1	S	SECCHI	0.00	0.9869	0.000	1.150	0.00	No trend	0.0393
RPPMH	Summer1	B	BDO	0.00	0.2114	-0.026	5.375	-9.72	No trend	0.7745
RPPMH	Summer1	S	SSALINITY	0.00	0.0039	-0.171	17.233	-19.88	Decreasing	0.8865
RPPMH	Summer1	B	BSALINITY	0.00	0.1232	-0.081	17.815	-9.05	No trend	0.8240
RPPMH	Summer1	B	BWTEMP	0.00	0.1351	-0.032	25.125	-2.56	No trend	0.3652
RPPMH	Summer1	S	SWTEMP	0.00	0.3382	-0.026	25.150	-2.05	No trend	0.2722
CRRMH	Summer1	S	SCHLA	1.80	0.8329	0.012	11.240	2.20	No trend	0.9443
CRRMH	Summer1	S	STSS	29.29	0.0040	-0.167	7.500	-44.44	Improving	0.3662
CRRMH	Summer1	B	BTSS	14.77	0.0129	-0.375	13.375	-53.27	No trend	0.6381
CRRMH	Summer1	S	SECCHI	0.00	0.0325	-0.008	1.475	-10.43	No trend	0.4660
CRRMH	Summer1	B	BDO	0.00	0.0203	-0.073	4.950	-29.41	No trend	0.9140
CRRMH	Summer1	S	SSALINITY	0.00	0.0005	-0.207	18.165	-22.79	Decreasing	0.9334
CRRMH	Summer1	B	BSALINITY	0.00	0.0136	-0.130	18.375	-14.19	No trend	0.9654
CRRMH	Summer1	B	BWTEMP	0.00	0.0642	-0.050	25.500	-3.90	No trend	0.0466
CRRMH	Summer1	S	SWTEMP	0.00	0.7211	-0.011	25.750	-0.88	No trend	0.1120
PIAMH	Summer1	S	STN	0.00	0.0100	-0.003	0.570	-11.69	No trend	0.1851
PIAMH	Summer1	B	BTN	0.00	0.0018	-0.005	0.614	-17.43	Improving	0.2586
PIAMH	Summer1	S	SDIN	20.98	0.0000	-0.002	0.050	-88.73	Improving	0.9127
PIAMH	Summer1	B	BDIN	8.39	0.0052	-0.001	0.050	-56.86	Improving	0.3174
PIAMH	Summer1	S	STP	0.00	0.0858	0.000	0.025	23.09	No trend	0.9806
PIAMH	Summer1	B	BTP	0.00	0.5196	0.000	0.035	-4.22	No trend	0.5396
PIAMH	Summer1	S	SPO4F	71.33	0.0000	0.000	0.010	-70.95	Improving	0.8402
PIAMH	Summer1	B	BPO4F	62.94	0.0000	0.000	0.011	-68.25	Improving	0.5959
PIAMH	Summer1	S	SCHLA	0.70	0.1461	0.088	7.945	22.03	No trend	0.9327
PIAMH	Summer1	S	STSS	2.80	0.0304	-0.194	8.250	-47.10	No trend	0.6354
PIAMH	Summer1	B	BTSS	0.70	0.0474	-0.212	19.000	-22.30	No trend	0.8260
PIAMH	Summer1	S	SECCHI	0.00	0.0062	-0.014	1.350	-21.16	Degrading	0.5007
PIAMH	Summer1	B	BDO	0.00	0.0290	0.057	6.450	17.65	No trend	0.7327
PIAMH	Summer1	S	SSALINITY	0.00	0.0269	-0.107	19.408	-11.03	No trend	0.9891
PIAMH	Summer1	B	BSALINITY	0.00	0.0226	-0.097	19.990	-9.70	No trend	0.7671
PIAMH	Summer1	B	BWTEMP	0.00	0.8558	-0.005	24.825	-0.40	No trend	0.6710
PIAMH	Summer1	S	SWTEMP	0.00	0.4182	0.023	25.100	1.82	No trend	0.9591
POCMH	Summer1	S	STN	0.00	0.0297	-0.006	0.760	-14.94	No trend	0.3589
POCMH	Summer1	B	BTN	0.00	0.0021	-0.007	0.801	-17.67	Improving	0.4899
POCMH	Summer1	S	SDIN	90.98	0.0001	-0.002	0.076	-50.59	Improving	0.8678
POCMH	Summer1	B	BDIN	89.76	0.0002	-0.002	0.069	-52.07	Improving	0.6777
POCMH	Summer1	S	STP	1.17	0.3466	0.000	0.040	-11.48	No trend	0.5253
POCMH	Summer1	B	BTP	1.17	0.0055	0.000	0.047	-20.13	Improving	0.6777
POCMH	Summer1	S	SPO4F	93.05	0.0000	0.000	0.010	-46.92	Improving	0.5345
POCMH	Summer1	B	BPO4F	92.66	0.0000	0.000	0.010	-48.78	Improving	0.9936
POCMH	Summer1	S	SCHLA	1.58	0.4173	0.046	10.028	9.11	No trend	0.3902
POCMH	Summer1	S	STSS	0.00	0.0598	-0.314	15.500	-40.53	No trend	0.2401
POCMH	Summer1	B	BTSS	0.00	0.0515	-0.269	21.750	-24.70	No trend	0.9498
POCMH	Summer1	S	SECCHI	0.00	0.0199	-0.006	0.750	-16.67	No trend	0.0154
POCMH	Summer1	B	BDO	0.00	0.0493	0.020	6.725	5.95	No trend	0.5219
POCMH	Summer1	S	SSALINITY	0.00	0.0496	-0.100	19.373	-10.32	No trend	0.9750
POCMH	Summer1	B	BSALINITY	0.00	0.0535	-0.085	19.563	-8.68	No trend	0.9836

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
POCMH	Summer1	B	BWTEMP	0.00	0.9095	-0.001	25.025	-0.07	No trend	0.8939
POCMH	Summer1	S	SWTEMP	0.00	0.8583	0.004	25.050	0.33	No trend	0.8688
CB6PH	Summer1	S	STN	0.00	0.0393	-0.002	0.517	-7.00	No trend	0.0798
CB6PH	Summer1	B	BTN	0.00	0.0000	-0.006	0.564	-21.34	Improving	0.3894
CB6PH	Summer1	S	SDIN	97.36	0.3635	0.000	0.042	-19.01	No trend	0.4388
CB6PH	Summer1	B	BDIN	77.35	0.5376	0.000	0.104	-7.15	No trend	0.0226
CB6PH	Summer1	S	STP	5.29	0.0104	0.000	0.028	18.58	No trend	0.9620
CB6PH	Summer1	B	BTP	2.29	0.9612	0.000	0.052	0.05	No trend	0.0557
CB6PH	Summer1	S	SPO4F	87.68	0.0003	0.000	0.010	-35.98	Improving	0.1344
CB6PH	Summer1	B	BPO4F	25.44	0.2235	0.000	0.022	-11.30	No trend	0.2563
CB6PH	Summer1	S	SCHLA	5.19	0.0274	0.133	6.316	42.03	No trend	0.1603
CB6PH	Summer1	S	STSS	6.04	0.4555	-0.048	8.275	-11.62	No trend	0.4730
CB6PH	Summer1	B	BTSS	0.71	0.7090	-0.056	15.125	-7.34	No trend	0.2323
CB6PH	Summer1	S	SECCHI	0.00	0.0001	-0.025	1.825	-27.40	Degrading	0.8985
CB6PH	Summer1	B	BDO	0.00	0.0882	0.045	4.575	19.67	No trend	0.2671
CB6PH	Summer1	S	SSALINITY	0.00	0.0350	-0.103	20.450	-10.05	No trend	0.8427
CB6PH	Summer1	B	BSALINITY	0.00	0.0460	-0.075	24.855	-6.01	No trend	0.4265
CB6PH	Summer1	B	BWTEMP	0.00	0.4853	-0.016	24.700	-1.28	No trend	0.9964
CB6PH	Summer1	S	SWTEMP	0.00	0.7701	-0.007	25.800	-0.57	No trend	0.9940
CB7PH	Summer1	S	STN	0.00	0.0186	-0.003	0.474	-13.11	No trend	0.0543
CB7PH	Summer1	B	BTN	0.00	0.0000	-0.009	0.595	-29.48	Improving	0.0293
CB7PH	Summer1	S	SDIN	97.73	0.0456	-0.001	0.040	-26.46	No trend	0.5848
CB7PH	Summer1	B	BDIN	87.68	0.3384	-0.001	0.093	-15.24	No trend	0.0174
CB7PH	Summer1	S	STP	7.05	0.9871	0.000	0.029	0.00	No trend	0.8607
CB7PH	Summer1	B	BTP	2.04	0.0003	0.000	0.056	-17.35	Improving	0.1588
CB7PH	Summer1	S	SPO4F	83.97	0.0000	0.000	0.010	-50.00	Improving	0.0696
CB7PH	Summer1	B	BPO4F	36.88	0.0000	0.000	0.019	-29.09	Improving	0.9016
CB7PH	Summer1	S	SCHLA	13.57	0.0014	0.145	4.620	62.77	Degrading	0.7762
CB7PH	Summer1	S	STSS	6.77	0.5590	-0.024	7.413	-6.57	No trend	0.4411
CB7PH	Summer1	B	BTSS	0.94	0.0556	-0.256	18.000	-28.41	No trend	0.1770
CB7PH	Summer1	S	SECCHI	0.00	0.0000	-0.029	1.950	-30.17	Degrading	0.6438
CB7PH	Summer1	B	BDO	0.00	0.1577	0.025	5.825	8.58	No trend	0.4162
CB7PH	Summer1	S	SSALINITY	0.00	0.1581	-0.060	21.763	-5.55	No trend	0.9025
CB7PH	Summer1	B	BSALINITY	0.00	0.4957	-0.021	25.545	-1.67	No trend	0.7251
CB7PH	Summer1	B	BWTEMP	0.00	0.1939	-0.026	24.700	-2.10	No trend	0.8207
CB7PH	Summer1	S	SWTEMP	0.00	0.6965	-0.010	25.800	-0.74	No trend	0.9028
CB8PH	Summer1	S	STN	0.00	0.1048	-0.002	0.465	-8.84	No trend	0.5534
CB8PH	Summer1	B	BTN	0.24	0.0515	-0.003	0.475	-13.64	No trend	0.6958
CB8PH	Summer1	S	SDIN	99.54	0.5578	0.000	0.017	12.96	No trend	0.4890
CB8PH	Summer1	B	BDIN	99.54	0.8967	0.000	0.036	2.30	No trend	0.5258
CB8PH	Summer1	S	STP	9.47	0.0136	0.000	0.044	-16.00	No trend	0.7815
CB8PH	Summer1	B	BTP	1.40	0.0000	-0.001	0.051	-31.35	Improving	0.8765
CB8PH	Summer1	S	SPO4F	61.38	0.0000	-0.001	0.015	-67.23	Improving	0.5029
CB8PH	Summer1	B	BPO4F	17.74	0.0000	-0.001	0.020	-49.69	Improving	0.6766
CB8PH	Summer1	S	SCHLA	18.55	0.0007	0.150	4.318	69.48	Degrading	0.1824
CB8PH	Summer1	S	STSS	8.37	0.0262	0.105	7.000	30.00	No trend	0.6564
CB8PH	Summer1	B	BTSS	0.70	0.6732	0.025	10.825	4.66	No trend	0.9540
CB8PH	Summer1	S	SECCHI	0.00	0.0001	-0.039	2.200	-35.35	Degrading	0.9020
CB8PH	Summer1	B	BDO	0.00	0.0270	0.027	6.250	8.56	No trend	0.9165
CB8PH	Summer1	S	SSALINITY	0.00	0.0017	-0.141	25.648	-11.01	Decreasing	0.9501
CB8PH	Summer1	B	BSALINITY	0.00	0.0349	-0.050	29.840	-3.38	No trend	0.9023
CB8PH	Summer1	B	BWTEMP	0.00	0.7702	0.012	22.275	1.11	No trend	0.9600
CB8PH	Summer1	S	SWTEMP	0.00	0.9095	0.000	24.900	0.00	No trend	0.8917
APPTF	Summer2	S	SCHLA	0.00	0.0774	-0.993	47.230	-42.05	No trend	0.8274
APPTF	Summer2	S	STSS	0.00	0.7128	-0.094	24.500	-6.52	No trend	0.3638
APPTF	Summer2	B	BTSS	0.00	0.2375	-0.600	32.250	-31.63	No trend	0.2166
APPTF	Summer2	S	SECCHI	0.00	0.0036	-0.006	0.500	-25.00	Degrading	0.8494
APPTF	Summer2	B	BDO	0.00	0.0085	0.056	6.700	16.79	Improving	0.7199
APPTF	Summer2	S	SSALINITY	0.00	0.2886	0.000	0.010	0.00	No trend	0.2879
APPTF	Summer2	B	BSALINITY	0.00	0.2233	0.000	0.010	0.00	No trend	0.2627

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
APPTF	Summer2	B	BWTEMP	0.00	0.7152	0.042	25.125	3.31	No trend	0.2793
APPTF	Summer2	S	SWTEMP	0.00	0.3372	0.047	25.625	3.68	No trend	0.2826
JMSTF1	Summer2	S	SCHLA	0.00	0.4650	-0.283	26.753	-21.14	No trend	0.8008
JMSTF1	Summer2	S	STSS	0.00	0.0064	0.438	19.250	38.64	Degrading	0.1338
JMSTF1	Summer2	B	BTSS	0.00	0.0504	1.631	30.000	92.41	No trend	0.2940
JMSTF1	Summer2	S	SECCHI	0.00	0.0000	-0.013	0.675	-37.04	Degrading	0.8952
JMSTF1	Summer2	B	BDO	0.00	0.0232	0.042	6.400	13.02	No trend	0.6673
JMSTF1	Summer2	S	SSALINITY	0.00	0.1224	0.000	0.133	0.00	No trend	0.9140
JMSTF1	Summer2	B	BSALINITY	0.00	0.3834	0.000	0.158	0.00	No trend	0.9658
JMSTF1	Summer2	B	BWTEMP	0.00	0.3885	-0.024	25.000	-1.89	No trend	0.4150
JMSTF1	Summer2	S	SWTEMP	0.00	0.5612	-0.030	24.875	-2.39	No trend	0.3380
JMSTF2	Summer2	S	SCHLA	30.18	0.8915	0.000	4.643	0.00	No trend	0.8422
JMSTF2	Summer2	S	STSS	15.90	0.3077	-0.042	10.000	-7.08	No trend	0.0092
JMSTF2	Summer2	B	BTSS	1.55	0.1626	0.300	14.000	36.43	No trend	0.5941
JMSTF2	Summer2	S	SECCHI	0.00	0.0414	-0.013	1.000	-25.00	No trend	0.4813
JMSTF2	Summer2	B	BDO	0.00	0.0026	0.043	6.200	13.82	Improving	0.9214
JMSTF2	Summer2	S	SSALINITY	0.00	0.3446	0.000	0.010	0.00	No trend	0.1197
JMSTF2	Summer2	B	BSALINITY	0.00	0.3020	0.000	0.010	0.00	No trend	0.3142
JMSTF2	Summer2	B	BWTEMP	0.00	1.0000	0.000	25.375	0.00	No trend	0.6168
JMSTF2	Summer2	S	SWTEMP	0.00	0.7643	0.013	26.300	0.96	No trend	0.5134
CHKOH	Summer2	S	SCHLA	0.00	0.0004	-0.772	29.450	-44.55	Improving	0.3461
CHKOH	Summer2	S	STSS	0.00	0.1439	0.333	17.250	32.85	No trend	0.4131
CHKOH	Summer2	B	BTSS	0.00	0.0053	2.429	36.250	113.89	Degrading	0.5223
CHKOH	Summer2	S	SECCHI	0.00	0.0001	-0.011	0.650	-29.06	Degrading	0.6055
CHKOH	Summer2	B	BDO	0.00	0.9219	0.000	5.750	0.00	No trend	0.8114
CHKOH	Summer2	S	SSALINITY	0.00	0.1321	0.000	0.010	0.00	No trend	0.4680
CHKOH	Summer2	B	BSALINITY	0.00	0.1322	0.000	0.010	0.00	No trend	0.4753
CHKOH	Summer2	B	BWTEMP	0.00	0.7317	-0.013	26.775	-0.83	No trend	0.3923
CHKOH	Summer2	S	SWTEMP	0.00	0.6596	-0.026	26.925	-1.63	No trend	0.3776
JMSOH	Summer2	S	SCHLA	0.61	0.4537	-0.064	8.070	-15.86	No trend	0.6445
JMSOH	Summer2	S	STSS	0.77	0.6243	0.108	26.000	7.04	No trend	0.0806
JMSOH	Summer2	B	BTSS	0.00	0.8119	-0.250	57.250	-7.42	No trend	0.7486
JMSOH	Summer2	S	SECCHI	0.00	0.0981	-0.006	0.700	-18.45	No trend	0.6954
JMSOH	Summer2	B	BDO	0.00	0.5479	-0.006	6.975	-1.59	No trend	0.3888
JMSOH	Summer2	S	SSALINITY	0.00	0.3393	-0.070	6.410	-21.79	No trend	0.9618
JMSOH	Summer2	B	BSALINITY	0.00	0.6130	-0.036	7.100	-10.17	No trend	0.8730
JMSOH	Summer2	B	BWTEMP	0.00	0.2377	-0.039	25.900	-3.04	No trend	0.8422
JMSOH	Summer2	S	SWTEMP	0.00	0.3206	-0.031	26.050	-2.40	No trend	0.6950
JMSMH	Summer2	S	SCHLA	15.43	0.0708	0.100	4.280	46.73	No trend	0.0176
JMSMH	Summer2	S	STSS	0.75	0.8650	0.000	12.000	0.00	No trend	0.9358
JMSMH	Summer2	B	BTSS	1.54	0.0481	0.902	20.250	75.71	No trend	0.0967
JMSMH	Summer2	S	SECCHI	0.00	0.1630	-0.006	1.100	-11.36	No trend	0.3218
JMSMH	Summer2	B	BDO	0.00	0.3683	0.011	6.000	3.75	No trend	0.3445
JMSMH	Summer2	S	SSALINITY	0.00	0.2690	-0.105	18.363	-11.40	No trend	0.7587
JMSMH	Summer2	B	BSALINITY	0.00	0.0721	-0.110	20.418	-10.79	No trend	0.7288
JMSMH	Summer2	B	BWTEMP	0.00	0.2528	-0.031	25.550	-2.44	No trend	0.8581
JMSMH	Summer2	S	SWTEMP	0.00	0.1288	-0.050	25.900	-3.86	No trend	0.8549
JMSPH	Summer2	S	SCHLA	8.90	0.0000	0.311	3.850	161.61	Degrading	0.8445
JMSPH	Summer2	S	STSS	0.57	0.2940	0.079	9.775	16.21	No trend	0.5539
JMSPH	Summer2	B	BTSS	0.57	0.1713	-0.243	17.950	-27.04	No trend	0.4322
JMSPH	Summer2	S	SECCHI	0.00	0.0000	-0.020	1.250	-32.00	Degrading	0.9714
JMSPH	Summer2	B	BDO	0.00	0.0000	0.060	5.900	20.34	Improving	0.8355
JMSPH	Summer2	S	SSALINITY	0.00	0.0062	-0.173	24.025	-14.43	Decreasing	0.9624
JMSPH	Summer2	B	BSALINITY	0.00	0.0001	-0.255	25.828	-19.75	Decreasing	0.4482
JMSPH	Summer2	B	BWTEMP	0.00	0.0297	0.064	23.375	5.47	No trend	0.1924
JMSPH	Summer2	S	SWTEMP	0.00	0.1541	-0.032	26.150	-2.42	No trend	0.9020
EBEMH	Summer2	S	STN	0.00	0.5753	-0.004	1.107	-5.30	No trend	0.5552
EBEMH	Summer2	B	BTN	0.00	0.3783	-0.004	1.081	-5.92	No trend	0.3342
EBEMH	Summer2	S	SDIN	0.00	0.6490	-0.004	0.523	-11.32	No trend	0.2291
EBEMH	Summer2	B	BDIN	0.00	0.1895	-0.007	0.569	-18.88	No trend	0.6299

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
EBEMH	Summer2	S	STP	0.00	0.0300	-0.002	0.114	-27.91	No trend	0.9378
EBEMH	Summer2	B	BTP	0.00	0.0004	-0.002	0.125	-31.27	Improving	0.2011
EBEMH	Summer2	S	SPO4F	0.00	0.2106	-0.001	0.082	-21.79	No trend	0.7710
EBEMH	Summer2	B	BPO4F	0.00	0.0416	-0.002	0.089	-27.87	No trend	0.7005
EBEMH	Summer2	S	SCHLA	2.13	0.9786	0.000	4.300	0.00	No trend	0.3309
EBEMH	Summer2	S	STSS	0.00	0.0188	-0.255	13.350	-30.61	No trend	0.3440
EBEMH	Summer2	B	BTSS	0.00	0.2038	-0.343	12.850	-42.70	No trend	0.4759
EBEMH	Summer2	S	SECCHI	0.00	0.0313	0.013	0.900	22.96	No trend	0.4860
EBEMH	Summer2	B	BDO	0.00	0.0221	0.081	3.000	43.33	No trend	0.9267
EBEMH	Summer2	S	SSALINITY	0.00	0.3932	0.047	17.950	4.16	No trend	0.4270
EBEMH	Summer2	B	BSALINITY	0.00	0.8212	0.012	18.400	1.03	No trend	0.6865
EBEMH	Summer2	B	BWTEMP	0.00	0.3971	-0.040	26.450	-2.42	No trend	0.6834
EBEMH	Summer2	S	SWTEMP	0.00	0.4571	-0.046	26.800	-2.74	No trend	0.2684
WBEMH	Summer2	S	STN	0.00	0.1024	-0.007	0.848	-12.26	No trend	0.3385
WBEMH	Summer2	B	BTN	0.00	0.3199	-0.006	0.899	-9.99	No trend	0.1014
WBEMH	Summer2	S	SDIN	4.26	0.8513	0.001	0.228	4.03	No trend	0.7488
WBEMH	Summer2	B	BDIN	0.00	0.8353	-0.001	0.253	-6.61	No trend	0.5888
WBEMH	Summer2	S	STP	0.00	0.0001	-0.004	0.141	-45.50	Improving	0.8095
WBEMH	Summer2	B	BTP	0.00	0.0008	-0.004	0.160	-40.00	Improving	0.2773
WBEMH	Summer2	S	SPO4F	0.00	0.0037	-0.002	0.078	-48.57	Improving	0.7837
WBEMH	Summer2	B	BPO4F	0.00	0.0080	-0.002	0.081	-41.89	Improving	0.7812
WBEMH	Summer2	S	SCHLA	0.00	0.1451	-0.338	25.600	-21.10	No trend	0.9710
WBEMH	Summer2	S	STSS	0.00	0.0228	-0.713	28.750	-39.71	No trend	0.4387
WBEMH	Summer2	B	BTSS	0.00	0.0263	-1.541	45.400	-54.30	No trend	0.7813
WBEMH	Summer2	S	SECCHI	0.00	0.0004	0.014	0.450	50.79	Improving	0.6931
WBEMH	Summer2	B	BDO	0.00	0.0574	0.070	4.400	25.45	No trend	0.6598
WBEMH	Summer2	S	SSALINITY	0.00	0.8094	0.043	17.500	3.96	No trend	0.7855
WBEMH	Summer2	B	BSALINITY	0.00	0.8472	0.023	17.550	2.08	No trend	0.8080
WBEMH	Summer2	B	BWTEMP	0.00	0.2828	-0.053	27.250	-3.13	No trend	0.6053
WBEMH	Summer2	S	SWTEMP	0.00	0.4533	-0.033	27.550	-1.94	No trend	0.3250
SBEMH	Summer2	S	STN	0.00	0.4375	-0.005	1.294	-6.18	No trend	0.1678
SBEMH	Summer2	B	BTN	0.00	0.6489	-0.001	1.239	-1.34	No trend	0.9291
SBEMH	Summer2	S	SDIN	0.00	0.3233	-0.006	0.714	-14.55	No trend	0.7570
SBEMH	Summer2	B	BDIN	0.00	0.8761	-0.001	0.721	-2.49	No trend	0.5400
SBEMH	Summer2	S	STP	0.00	0.0475	-0.002	0.115	-26.38	No trend	0.9402
SBEMH	Summer2	B	BTP	0.00	0.0003	-0.003	0.138	-33.06	Improving	0.8434
SBEMH	Summer2	S	SPO4F	0.00	0.0270	-0.002	0.082	-34.98	No trend	0.9676
SBEMH	Summer2	B	BPO4F	0.00	0.0068	-0.002	0.098	-35.27	Improving	0.9653
SBEMH	Summer2	S	SCHLA	0.00	0.3768	-0.155	9.025	-27.52	No trend	0.8143
SBEMH	Summer2	S	STSS	0.00	0.1203	-0.207	9.450	-35.07	No trend	0.8407
SBEMH	Summer2	B	BTSS	0.00	0.0148	-0.617	14.250	-69.29	No trend	0.9629
SBEMH	Summer2	S	SECCHI	0.00	0.0704	0.013	0.850	23.53	No trend	0.6614
SBEMH	Summer2	B	BDO	0.00	0.0445	0.075	2.550	47.06	No trend	0.9417
SBEMH	Summer2	S	SSALINITY	0.00	0.4217	0.083	17.125	7.71	No trend	0.5612
SBEMH	Summer2	B	BSALINITY	0.00	0.7205	-0.041	17.975	-3.62	No trend	0.8854
SBEMH	Summer2	B	BWTEMP	0.00	0.3783	0.050	26.950	2.97	No trend	0.6377
SBEMH	Summer2	S	SWTEMP	0.00	0.9573	-0.003	28.950	-0.15	No trend	0.3517
ELIPH	Summer2	S	SCHLA	6.25	0.0450	0.165	7.628	43.21	No trend	0.7336
ELIPH	Summer2	S	STSS	1.80	0.0109	-0.371	16.350	-38.63	No trend	0.4339
ELIPH	Summer2	B	BTSS	0.00	0.1165	-0.498	19.000	-44.55	No trend	0.2644
ELIPH	Summer2	S	SECCHI	0.00	0.0017	-0.011	1.125	-19.75	Degrading	0.6628
ELIPH	Summer2	B	BDO	0.00	0.1957	0.030	4.875	12.31	No trend	0.1537
ELIPH	Summer2	S	SSALINITY	0.00	0.0070	-0.206	24.068	-17.08	Decreasing	0.9874
ELIPH	Summer2	B	BSALINITY	0.00	0.0108	-0.152	25.380	-11.98	No trend	0.5680
ELIPH	Summer2	B	BWTEMP	0.00	0.4999	-0.021	24.925	-1.72	No trend	0.2593
ELIPH	Summer2	S	SWTEMP	0.00	0.1437	-0.036	25.800	-2.80	No trend	0.6649
PMKTF	Summer2	S	SCHLA	12.82	0.0423	-0.184	6.118	-60.25	No trend	0.2122
PMKTF	Summer2	S	STSS	4.69	0.2020	0.340	12.250	47.15	No trend	0.8411
PMKTF	Summer2	B	BTSS	3.17	0.1009	-0.972	18.000	-91.82	No trend	0.1704
PMKTF	Summer2	S	SECCHI	0.00	0.6453	0.000	0.600	0.00	No trend	0.4100

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
PMKTF	Summer2	B	BDO	0.00	0.5723	0.008	5.075	3.28	No trend	0.8372
PMKTF	Summer2	S	SSALINITY	0.00	0.0080	0.000	0.010	0.00	Unchanged	0.6860
PMKTF	Summer2	B	BSALINITY	0.00	0.0080	0.000	0.010	0.00	Unchanged	0.6860
PMKTF	Summer2	B	BWTEMP	0.00	0.0184	0.094	26.000	7.20	No trend	0.2696
PMKTF	Summer2	S	SWTEMP	0.00	0.0058	0.094	25.500	7.34	Increasing	0.4350
PMKOH	Summer2	S	SCHLA	0.00	0.5778	-0.059	10.475	-11.34	No trend	0.7296
PMKOH	Summer2	S	STSS	1.47	0.5104	-0.500	19.000	-52.63	No trend	0.6961
PMKOH	Summer2	B	BTSS	0.00	0.0196	-4.500	182.750	-41.86	No trend	0.3358
PMKOH	Summer2	S	SECCHI	0.00	0.3014	0.000	0.450	0.00	No trend	0.7482
PMKOH	Summer2	B	BDO	0.00	0.9197	-0.001	4.725	-0.47	No trend	0.5704
PMKOH	Summer2	S	SSALINITY	0.00	0.6722	-0.030	6.680	-8.88	No trend	0.7671
PMKOH	Summer2	B	BSALINITY	0.00	0.6652	-0.048	7.168	-13.42	No trend	0.6958
PMKOH	Summer2	B	BWTEMP	0.00	0.1728	0.025	26.375	1.90	No trend	0.7634
PMKOH	Summer2	S	SWTEMP	0.00	0.3360	0.023	26.475	1.70	No trend	0.7210
MPNTF	Summer2	S	SCHLA	17.72	0.0263	-0.136	8.588	-31.61	No trend	0.9143
MPNTF	Summer2	S	STSS	15.63	0.8958	0.000	4.250	0.00	No trend	0.0894
MPNTF	Summer2	B	BTSS	12.70	0.4173	-0.113	8.000	-24.07	No trend	0.0254
MPNTF	Summer2	S	SECCHI	0.00	0.1468	-0.009	0.875	-20.78	No trend	0.1067
MPNTF	Summer2	B	BDO	0.00	0.7187	0.004	5.450	1.57	No trend	0.4714
MPNTF	Summer2	S	SSALINITY	0.00	0.2932	0.000	0.010	0.00	No trend	0.9201
MPNTF	Summer2	B	BSALINITY	0.00	0.3123	0.000	0.010	0.00	No trend	0.8852
MPNTF	Summer2	B	BWTEMP	0.00	0.0068	0.123	26.500	9.25	Increasing	0.6201
MPNTF	Summer2	S	SWTEMP	0.00	0.0016	0.150	25.625	11.71	Increasing	0.6568
MPNOH	Summer2	S	SCHLA	0.00	0.2373	-0.160	9.768	-32.83	No trend	0.6256
MPNOH	Summer2	S	STSS	1.45	0.8781	0.025	14.500	3.45	No trend	0.8358
MPNOH	Summer2	B	BTSS	0.00	0.3229	1.388	36.000	65.52	No trend	0.2179
MPNOH	Summer2	S	SECCHI	0.00	0.1275	0.000	0.600	0.00	No trend	0.9621
MPNOH	Summer2	B	BDO	0.00	0.8844	0.000	4.950	0.00	No trend	0.7685
MPNOH	Summer2	S	SSALINITY	0.00	0.9175	0.011	7.838	2.87	No trend	0.1978
MPNOH	Summer2	B	BSALINITY	0.00	0.9661	0.004	8.230	0.87	No trend	0.3855
MPNOH	Summer2	B	BWTEMP	0.00	0.1468	0.048	26.350	3.64	No trend	0.5714
MPNOH	Summer2	S	SWTEMP	0.00	0.0363	0.058	26.575	4.38	No trend	0.8098
YRKMh	Summer2	S	SCHLA	0.62	0.6045	-0.042	10.168	-8.28	No trend	0.3050
YRKMh	Summer2	S	STSS	0.00	0.0865	-0.333	22.500	-25.19	No trend	0.4569
YRKMh	Summer2	B	BTSS	0.78	1.0000	0.000	38.250	0.00	No trend	0.2777
YRKMh	Summer2	S	SECCHI	0.00	0.9356	0.000	0.575	0.00	No trend	0.4870
YRKMh	Summer2	B	BDO	0.00	0.8131	-0.003	5.250	-1.27	No trend	0.3218
YRKMh	Summer2	S	SSALINITY	0.00	0.0213	-0.209	16.045	-26.06	No trend	0.6653
YRKMh	Summer2	B	BSALINITY	0.00	0.0248	-0.163	17.115	-18.99	No trend	0.9146
YRKMh	Summer2	B	BWTEMP	0.00	0.1245	0.033	25.975	2.50	No trend	0.1002
YRKMh	Summer2	S	SWTEMP	0.00	0.1556	0.033	26.150	2.49	No trend	0.4319
YRKPH	Summer2	S	SCHLA	3.09	0.0224	0.160	7.875	40.54	No trend	0.9010
YRKPH	Summer2	S	STSS	2.99	0.3953	-0.089	6.500	-27.24	No trend	0.9080
YRKPH	Summer2	B	BTSS	2.34	0.9399	-0.036	19.250	-3.15	No trend	0.6057
YRKPH	Summer2	S	SECCHI	0.00	0.0240	-0.010	1.175	-16.49	No trend	0.8034
YRKPH	Summer2	B	BDO	0.00	0.4426	-0.025	4.900	-10.12	No trend	0.2560
YRKPH	Summer2	S	SSALINITY	0.00	0.0010	-0.233	23.058	-20.24	Decreasing	0.9523
YRKPH	Summer2	B	BSALINITY	0.00	0.0213	-0.131	23.888	-10.99	No trend	0.9330
YRKPH	Summer2	B	BWTEMP	0.00	0.9388	0.000	24.925	0.00	No trend	0.2799
YRKPH	Summer2	S	SWTEMP	0.00	0.9530	0.000	25.875	0.00	No trend	0.3800
MOBPH	Summer2	S	STN	0.00	0.0450	-0.003	0.576	-9.98	No trend	0.9583
MOBPH	Summer2	B	BTN	0.00	0.0000	-0.006	0.599	-21.27	Improving	0.7638
MOBPH	Summer2	S	SDIN	98.64	0.0021	-0.001	0.041	-45.52	Improving	0.7042
MOBPH	Summer2	B	BDIN	89.34	0.0258	-0.001	0.059	-38.14	No trend	0.6382
MOBPH	Summer2	S	STP	1.14	0.0120	0.000	0.035	22.59	No trend	0.7313
MOBPH	Summer2	B	BTP	0.23	0.8957	0.000	0.048	0.39	No trend	0.4304
MOBPH	Summer2	S	SPO4F	83.14	0.1281	0.000	0.010	-25.02	No trend	0.7762
MOBPH	Summer2	B	BPO4F	63.18	0.0720	0.000	0.012	-37.54	No trend	0.6707
MOBPH	Summer2	S	SCHLA	4.40	0.0044	0.191	8.023	47.52	Degrading	0.6000
MOBPH	Summer2	S	STSS	1.59	0.0223	-0.314	15.500	-40.47	No trend	0.7462



Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
MOBPH	Summer2	B	BTSS	0.23	0.0120	-0.396	23.900	-33.14	No trend	0.6986
MOBPH	Summer2	S	SECCHI	0.00	0.0014	-0.014	1.175	-24.67	Degrading	0.8079
MOBPH	Summer2	B	BDO	0.00	0.0004	0.064	5.475	23.24	Improving	0.3193
MOBPH	Summer2	S	SSALINITY	0.00	0.0074	-0.156	23.008	-13.60	Decreasing	0.9169
MOBPH	Summer2	B	BSALINITY	0.00	0.0066	-0.138	23.378	-11.83	Decreasing	0.8233
MOBPH	Summer2	B	BWTEMP	0.00	0.1959	0.032	25.425	2.48	No trend	0.8482
MOBPH	Summer2	S	SWTEMP	0.00	0.3991	0.028	26.425	2.09	No trend	0.8898
RPPTF	Summer2	S	SCHLA	1.52	0.3300	-0.481	26.660	-36.08	No trend	0.6554
RPPTF	Summer2	S	STSS	0.00	0.4461	-0.148	25.750	-9.79	No trend	0.2653
RPPTF	Summer2	B	BTSS	1.06	0.6006	-0.300	33.250	-15.34	No trend	0.4386
RPPTF	Summer2	S	SECCHI	0.00	0.5067	0.000	0.400	0.00	No trend	0.3623
RPPTF	Summer2	B	BDO	0.00	0.4310	-0.015	6.975	-4.30	No trend	0.6733
RPPTF	Summer2	S	SSALINITY	0.00	0.0003	0.000	0.010	0.00	Unchanged	0.6013
RPPTF	Summer2	B	BSALINITY	0.00	0.0002	0.000	0.010	0.00	Unchanged	0.3010
RPPTF	Summer2	B	BWTEMP	0.00	0.7358	0.015	26.000	1.14	No trend	0.3110
RPPTF	Summer2	S	SWTEMP	0.00	0.8076	0.013	26.250	1.00	No trend	0.3068
RPPOH	Summer2	S	SCHLA	0.00	0.0000	0.696	9.905	140.47	Degrading	0.9615
RPPOH	Summer2	S	STSS	0.00	1.0000	0.000	18.500	0.00	No trend	0.6359
RPPOH	Summer2	B	BTSS	1.56	0.0595	1.000	30.000	56.67	No trend	0.4810
RPPOH	Summer2	S	SECCHI	0.00	0.0015	-0.011	0.675	-31.19	Degrading	0.6561
RPPOH	Summer2	B	BDO	0.00	0.0132	0.048	6.125	15.63	No trend	0.7010
RPPOH	Summer2	S	SSALINITY	0.00	0.0603	-0.081	5.135	-31.66	No trend	0.9614
RPPOH	Summer2	B	BSALINITY	0.00	0.1237	-0.091	5.495	-33.05	No trend	0.6211
RPPOH	Summer2	B	BWTEMP	0.00	0.1380	0.040	27.425	2.92	No trend	0.2186
RPPOH	Summer2	S	SWTEMP	0.00	0.0582	0.052	27.525	3.81	No trend	0.2831
RPPMH	Summer2	S	SCHLA	2.12	0.0016	0.200	8.038	49.75	Degrading	0.5385
RPPMH	Summer2	S	STSS	9.98	0.0126	-0.280	8.500	-65.77	No trend	0.1039
RPPMH	Summer2	B	BTSS	4.57	0.3575	-0.271	12.750	-42.49	No trend	0.0527
RPPMH	Summer2	S	SECCHI	0.00	0.7620	0.000	1.050	0.00	No trend	0.0182
RPPMH	Summer2	B	BDO	0.00	0.1389	-0.037	5.375	-13.69	No trend	0.7880
RPPMH	Summer2	S	SSALINITY	0.00	0.0039	-0.184	18.068	-20.41	Decreasing	0.9737
RPPMH	Summer2	B	BSALINITY	0.00	0.1600	-0.083	18.853	-8.82	No trend	0.6420
RPPMH	Summer2	B	BWTEMP	0.00	0.4092	-0.017	26.075	-1.29	No trend	0.3170
RPPMH	Summer2	S	SWTEMP	0.00	0.8074	-0.009	26.400	-0.70	No trend	0.2819
CRRMH	Summer2	S	SCHLA	2.47	0.7500	0.031	11.240	5.49	No trend	0.8579
CRRMH	Summer2	S	STSS	31.94	0.0006	-0.227	9.000	-50.51	Improving	0.9249
CRRMH	Summer2	B	BTSS	15.38	0.0127	-0.393	16.000	-46.65	No trend	0.5532
CRRMH	Summer2	S	SECCHI	0.00	0.0785	-0.011	1.575	-13.37	No trend	0.2861
CRRMH	Summer2	B	BDO	0.00	0.0326	-0.071	4.600	-30.75	No trend	0.7954
CRRMH	Summer2	S	SSALINITY	0.00	0.0009	-0.222	18.773	-23.67	Decreasing	0.9987
CRRMH	Summer2	B	BSALINITY	0.00	0.0173	-0.143	19.128	-14.98	No trend	0.9829
CRRMH	Summer2	B	BWTEMP	0.00	0.3883	-0.017	26.550	-1.30	No trend	0.0554
CRRMH	Summer2	S	SWTEMP	0.00	0.5740	0.014	27.100	1.05	No trend	0.2278
PIAMH	Summer2	S	STN	0.00	0.0024	-0.004	0.578	-13.93	Improving	0.3753
PIAMH	Summer2	B	BTN	0.00	0.0007	-0.006	0.648	-19.37	Improving	0.3489
PIAMH	Summer2	S	SDIN	23.64	0.0000	-0.002	0.050	-94.00	Improving	0.9337
PIAMH	Summer2	B	BDIN	10.00	0.0010	-0.002	0.072	-54.29	Improving	0.8151
PIAMH	Summer2	S	STP	0.00	0.0950	0.000	0.024	28.87	No trend	0.9737
PIAMH	Summer2	B	BTP	0.00	0.8329	0.000	0.040	-1.60	No trend	0.4312
PIAMH	Summer2	S	SPO4F	69.09	0.0000	0.000	0.011	-63.49	Improving	0.6966
PIAMH	Summer2	B	BPO4F	58.18	0.0000	0.000	0.011	-58.91	Improving	0.7512
PIAMH	Summer2	S	SCHLA	0.00	0.2124	0.091	7.945	22.94	No trend	0.8045
PIAMH	Summer2	S	STSS	2.73	0.0347	-0.207	9.000	-45.93	No trend	0.4752
PIAMH	Summer2	B	BTSS	0.91	0.2121	-0.171	19.000	-18.05	No trend	0.9794
PIAMH	Summer2	S	SECCHI	0.00	0.0935	-0.011	1.350	-16.46	No trend	0.7435
PIAMH	Summer2	B	BDO	0.00	0.1153	0.050	5.925	16.88	No trend	0.6368
PIAMH	Summer2	S	SSALINITY	0.00	0.0382	-0.107	19.408	-11.03	No trend	0.9858
PIAMH	Summer2	B	BSALINITY	0.00	0.1113	-0.081	20.138	-8.09	No trend	0.7544
PIAMH	Summer2	B	BWTEMP	0.00	0.5391	-0.017	25.625	-1.30	No trend	0.6832
PIAMH	Summer2	S	SWTEMP	0.00	0.3468	0.027	25.625	2.11	No trend	0.9581

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
POCMH	Summer2	S	STN	0.00	0.0056	-0.008	0.794	-20.70	Improving	0.9737
POCMH	Summer2	B	BTN	0.00	0.0013	-0.009	0.801	-22.48	Improving	0.5492
POCMH	Summer2	S	SDIN	89.64	0.0003	-0.002	0.076	-55.19	Improving	0.7614
POCMH	Summer2	B	BDIN	89.12	0.0002	-0.003	0.069	-72.52	Improving	0.9179
POCMH	Summer2	S	STP	0.52	0.1244	0.000	0.043	-18.29	No trend	0.9266
POCMH	Summer2	B	BTP	1.03	0.0027	-0.001	0.048	-23.74	Improving	0.9491
POCMH	Summer2	S	SPO4F	91.84	0.0000	0.000	0.011	-47.62	Improving	0.4889
POCMH	Summer2	B	BPO4F	91.33	0.0000	0.000	0.011	-47.62	Improving	0.9714
POCMH	Summer2	S	SCHLA	0.53	0.9701	-0.001	11.218	-0.11	No trend	0.6638
POCMH	Summer2	S	STSS	0.00	0.0258	-0.367	17.500	-41.93	No trend	0.2506
POCMH	Summer2	B	BTSS	0.00	0.0609	-0.313	21.750	-28.81	No trend	0.8994
POCMH	Summer2	S	SECCHI	0.00	0.2462	0.000	0.725	0.00	No trend	0.0244
POCMH	Summer2	B	BDO	0.00	0.0245	0.023	6.600	6.99	No trend	0.5920
POCMH	Summer2	S	SSALINITY	0.00	0.1113	-0.090	19.468	-9.20	No trend	0.9188
POCMH	Summer2	B	BSALINITY	0.00	0.0954	-0.071	19.790	-7.20	No trend	0.9227
POCMH	Summer2	B	BWTEMP	0.00	1.0000	0.000	25.425	0.00	No trend	0.7512
POCMH	Summer2	S	SWTEMP	0.00	0.8808	0.003	25.600	0.24	No trend	0.6981
CB6PH	Summer2	S	STN	0.00	0.0066	-0.003	0.517	-9.89	Improving	0.1932
CB6PH	Summer2	B	BTN	0.00	0.0000	-0.007	0.598	-24.34	Improving	0.4985
CB6PH	Summer2	S	SDIN	99.31	0.2530	-0.001	0.042	-26.22	No trend	0.3327
CB6PH	Summer2	B	BDIN	75.17	0.0848	-0.001	0.108	-27.15	No trend	0.1416
CB6PH	Summer2	S	STP	1.60	0.0394	0.000	0.029	18.24	No trend	0.9103
CB6PH	Summer2	B	BTP	0.46	0.2379	0.000	0.054	-10.92	No trend	0.4507
CB6PH	Summer2	S	SPO4F	85.58	0.0211	0.000	0.011	-27.52	No trend	0.2354
CB6PH	Summer2	B	BPO4F	9.40	0.5001	0.000	0.023	-9.89	No trend	0.1764
CB6PH	Summer2	S	SCHLA	6.26	0.0050	0.180	6.110	58.80	Degrading	0.3813
CB6PH	Summer2	S	STSS	5.30	0.2163	-0.084	8.900	-18.87	No trend	0.5712
CB6PH	Summer2	B	BTSS	0.69	0.2940	-0.196	18.000	-21.80	No trend	0.3370
CB6PH	Summer2	S	SECCHI	0.00	0.0007	-0.025	1.825	-27.40	Degrading	0.7540
CB6PH	Summer2	B	BDO	0.00	0.0607	0.061	4.075	30.15	No trend	0.1908
CB6PH	Summer2	S	SSALINITY	0.00	0.1245	-0.084	20.450	-8.24	No trend	0.7822
CB6PH	Summer2	B	BSALINITY	0.00	0.0202	-0.095	25.055	-7.55	No trend	0.5048
CB6PH	Summer2	B	BWTEMP	0.00	0.5119	-0.017	25.450	-1.33	No trend	0.9767
CB6PH	Summer2	S	SWTEMP	0.00	0.7077	-0.010	26.075	-0.77	No trend	0.9892
CB7PH	Summer2	S	STN	0.00	0.0052	-0.004	0.474	-16.86	Improving	0.0688
CB7PH	Summer2	B	BTN	0.00	0.0000	-0.011	0.613	-34.97	Improving	0.6416
CB7PH	Summer2	S	SDIN	99.39	0.0268	-0.001	0.042	-29.62	No trend	0.6043
CB7PH	Summer2	B	BDIN	87.96	0.0234	-0.002	0.096	-37.15	No trend	0.3931
CB7PH	Summer2	S	STP	4.37	0.7643	0.000	0.030	-2.12	No trend	0.8080
CB7PH	Summer2	B	BTP	0.92	0.0000	-0.001	0.059	-25.18	Improving	0.4733
CB7PH	Summer2	S	SPO4F	81.30	0.0041	0.000	0.010	-43.90	Improving	0.1092
CB7PH	Summer2	B	BPO4F	26.70	0.0004	0.000	0.020	-29.72	Improving	0.7595
CB7PH	Summer2	S	SCHLA	13.09	0.0029	0.146	4.620	63.32	Degrading	0.6295
CB7PH	Summer2	S	STSS	6.15	0.3297	-0.043	7.413	-11.48	No trend	0.4031
CB7PH	Summer2	B	BTSS	0.92	0.0121	-0.384	21.750	-35.29	No trend	0.3635
CB7PH	Summer2	S	SECCHI	0.00	0.0021	-0.025	1.925	-25.97	Degrading	0.6518
CB7PH	Summer2	B	BDO	0.00	0.3203	0.019	5.775	6.58	No trend	0.2680
CB7PH	Summer2	S	SSALINITY	0.00	0.3586	-0.046	21.763	-4.19	No trend	0.9036
CB7PH	Summer2	B	BSALINITY	0.00	0.4766	-0.023	25.810	-1.81	No trend	0.5332
CB7PH	Summer2	B	BWTEMP	0.00	0.2158	-0.030	24.875	-2.44	No trend	0.6475
CB7PH	Summer2	S	SWTEMP	0.00	0.6123	-0.012	25.900	-0.89	No trend	0.7952
CB8PH	Summer2	S	STN	0.00	0.0431	-0.003	0.465	-13.01	No trend	0.7542
CB8PH	Summer2	B	BTN	0.31	0.0560	-0.004	0.475	-15.05	No trend	0.5381
CB8PH	Summer2	S	SDIN	99.40	0.8657	0.000	0.018	0.00	No trend	0.7447
CB8PH	Summer2	B	BDIN	99.40	0.7360	0.000	0.048	-5.29	No trend	0.4909
CB8PH	Summer2	S	STP	4.78	0.0376	0.000	0.044	-15.69	No trend	0.5860
CB8PH	Summer2	B	BTP	0.60	0.0000	-0.001	0.051	-33.74	Improving	0.9587
CB8PH	Summer2	S	SPO4F	53.27	0.0000	-0.001	0.016	-63.40	Improving	0.8135
CB8PH	Summer2	B	BPO4F	9.85	0.0000	0.000	0.020	-48.47	Improving	0.9571
CB8PH	Summer2	S	SCHLA	17.43	0.0039	0.140	3.875	72.33	Degrading	0.0883

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
CB8PH	Summer2	S	STSS	6.95	0.0492	0.093	7.000	26.45	No trend	0.4480
CB8PH	Summer2	B	BTSS	0.61	0.8809	0.012	9.775	2.43	No trend	0.9296
CB8PH	Summer2	S	SECCHI	0.00	0.0023	-0.033	2.175	-30.65	Degrading	0.8507
CB8PH	Summer2	B	BDO	0.00	0.0745	0.021	6.100	6.97	No trend	0.8016
CB8PH	Summer2	S	SSALINITY	0.00	0.0041	-0.143	26.020	-10.95	Decreasing	0.8801
CB8PH	Summer2	B	BSALINITY	0.00	0.0662	-0.054	29.820	-3.63	No trend	0.7505
CB8PH	Summer2	B	BWTEMP	0.00	0.8076	0.013	22.500	1.17	No trend	0.8609
CB8PH	Summer2	S	SWTEMP	0.00	0.9253	0.000	24.925	0.00	No trend	0.7333
APPTF	Winter	S	SCHLA	28.57	0.1804	0.000	3.100	0.00	No trend	0.5696
APPTF	Winter	S	STSS	0.00	0.5255	0.167	13.000	20.51	No trend	0.2260
APPTF	Winter	B	BTSS	0.00	0.9722	0.000	19.000	0.00	No trend	0.4181
APPTF	Winter	S	SECCHI	0.00	0.2658	0.000	0.550	0.00	No trend	0.0191
APPTF	Winter	B	BDO	0.00	0.0976	0.053	12.200	8.64	No trend	0.3425
APPTF	Winter	S	SSALINITY	0.00	0.1070	0.000	0.010	0.00	No trend	
APPTF	Winter	B	BSALINITY	0.00	0.0418	0.000	0.010	0.00	No trend	0.7430
APPTF	Winter	B	BWTEMP	0.00	0.1654	0.111	2.750	80.73	No trend	0.2607
APPTF	Winter	S	SWTEMP	0.00	0.1352	0.100	2.750	72.73	No trend	0.3134
JMSTF1	Winter	S	SCHLA	25.74	0.1543	0.000	3.100	0.00	No trend	0.3725
JMSTF1	Winter	S	STSS	1.08	0.1512	1.000	17.500	91.43	No trend	0.3666
JMSTF1	Winter	B	BTSS	1.08	0.1335	1.400	47.500	47.16	No trend	0.6189
JMSTF1	Winter	S	SECCHI	0.00	0.3633	0.000	0.450	0.00	No trend	0.2616
JMSTF1	Winter	B	BDO	0.00	0.1089	0.033	11.550	5.77	No trend	0.1248
JMSTF1	Winter	S	SSALINITY	0.00	0.0726	0.000	0.010	0.00	No trend	0.2276
JMSTF1	Winter	B	BSALINITY	0.00	0.0726	0.000	0.010	0.00	No trend	0.2276
JMSTF1	Winter	B	BWTEMP	0.00	0.5937	0.045	3.625	25.08	No trend	0.2115
JMSTF1	Winter	S	SWTEMP	0.00	0.5047	0.056	3.625	30.65	No trend	0.1870
JMSTF2	Winter	S	SCHLA	28.57	0.5256	0.000	3.100	0.00	No trend	0.4590
JMSTF2	Winter	S	STSS	19.32	0.7367	0.000	3.750	0.00	No trend	0.2872
JMSTF2	Winter	B	BTSS	7.14	0.4904	-0.317	28.375	-17.86	No trend	0.1550
JMSTF2	Winter	S	SECCHI	0.00	0.7098	0.005	0.600	16.67	No trend	0.7366
JMSTF2	Winter	B	BDO	0.00	0.5105	0.030	12.400	4.87	No trend	0.0392
JMSTF2	Winter	S	SSALINITY	0.00	0.1070	0.000	0.010	0.00	No trend	
JMSTF2	Winter	B	BSALINITY	0.00	0.0798	0.000	0.010	0.00	No trend	
JMSTF2	Winter	B	BWTEMP	0.00	0.4072	0.054	3.250	33.03	No trend	0.0830
JMSTF2	Winter	S	SWTEMP	0.00	0.7288	0.029	3.125	18.35	No trend	0.0850
CHKOH	Winter	S	SCHLA	0.00	0.8928	0.000	14.975	0.00	No trend	0.6894
CHKOH	Winter	S	STSS	0.00	0.5935	0.250	16.000	25.00	No trend	0.7195
CHKOH	Winter	B	BTSS	0.00	0.7375	-0.222	24.500	-14.51	No trend	0.7254
CHKOH	Winter	S	SECCHI	0.00	0.2085	0.000	0.600	0.00	No trend	0.5547
CHKOH	Winter	B	BDO	0.00	0.0051	0.100	11.450	13.97	Improving	0.7371
CHKOH	Winter	S	SSALINITY	0.00	0.0803	0.000	0.255	0.00	No trend	0.7471
CHKOH	Winter	B	BSALINITY	0.00	0.0803	0.000	0.255	0.00	No trend	0.7471
CHKOH	Winter	B	BWTEMP	0.00	0.2708	-0.064	6.400	-16.01	No trend	0.1668
CHKOH	Winter	S	SWTEMP	0.00	0.3783	-0.061	6.500	-15.05	No trend	0.1485
JMSOH	Winter	S	SCHLA	17.74	0.8225	0.000	3.795	0.00	No trend	0.6551
JMSOH	Winter	S	STSS	0.00	0.2254	-1.250	68.000	-29.41	No trend	0.9797
JMSOH	Winter	B	BTSS	0.00	0.2401	-2.150	143.000	-24.06	No trend	0.6481
JMSOH	Winter	S	SECCHI	0.00	0.1860	0.006	0.400	27.78	No trend	0.4899
JMSOH	Winter	B	BDO	0.00	0.5426	-0.025	11.800	-4.24	No trend	0.9257
JMSOH	Winter	S	SSALINITY	0.00	0.1033	0.085	1.630	104.29	No trend	0.2077
JMSOH	Winter	B	BSALINITY	0.00	0.1459	0.117	4.313	54.11	No trend	0.2356
JMSOH	Winter	B	BWTEMP	0.00	0.1555	0.129	3.250	79.44	No trend	0.7080
JMSOH	Winter	S	SWTEMP	0.00	0.1554	0.127	3.350	75.62	No trend	0.5428
JMSMH	Winter	S	SCHLA	4.62	0.2357	-0.468	28.370	-31.33	No trend	0.4060
JMSMH	Winter	S	STSS	0.00	0.9279	0.000	9.000	0.00	No trend	0.2837
JMSMH	Winter	B	BTSS	0.00	0.5082	0.308	11.000	44.76	No trend	0.3585
JMSMH	Winter	S	SECCHI	0.00	0.2429	0.012	1.025	22.51	No trend	0.9883
JMSMH	Winter	B	BDO	0.00	0.3386	-0.026	12.275	-4.28	No trend	0.8642
JMSMH	Winter	S	SSALINITY	0.00	0.1757	0.234	14.090	33.24	No trend	0.2286
JMSMH	Winter	B	BSALINITY	0.00	0.4002	0.112	19.123	11.71	No trend	0.0710

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
JMSMH	Winter	B	BWTEMP	0.00	0.2231	0.095	2.300	82.61	No trend	0.5501
JMSMH	Winter	S	SWTEMP	0.00	0.3669	0.070	2.100	66.23	No trend	0.3227
JMSPH	Winter	S	SCHLA	1.41	0.0389	-0.378	22.530	-33.57	No trend	0.0735
JMSPH	Winter	S	STSS	1.52	0.9817	-0.002	8.650	-0.39	No trend	0.5057
JMSPH	Winter	B	BTSS	0.00	0.7655	-0.083	13.650	-12.22	No trend	0.8724
JMSPH	Winter	S	SECCHI	0.00	0.7644	0.000	1.375	0.00	No trend	0.6953
JMSPH	Winter	B	BDO	0.00	0.1357	0.056	11.550	9.78	No trend	0.8357
JMSPH	Winter	S	SSALINITY	0.00	0.6464	0.030	20.048	3.04	No trend	0.8544
JMSPH	Winter	B	BSALINITY	0.00	0.0095	-0.222	24.298	-18.30	Decreasing	0.8729
JMSPH	Winter	B	BWTEMP	0.00	0.0508	0.088	2.825	62.04	No trend	0.7666
JMSPH	Winter	S	SWTEMP	0.00	0.1547	0.078	2.450	63.28	No trend	0.9634
EBEMH	Winter	S	STN	0.00	0.0276	-0.020	1.101	-29.30	No trend	0.5304
EBEMH	Winter	B	BTN	0.00	0.0977	-0.010	0.966	-16.58	No trend	0.9641
EBEMH	Winter	S	SDIN	0.00	0.1750	-0.016	0.565	-44.66	No trend	0.6016
EBEMH	Winter	B	BDIN	0.00	0.0074	-0.014	0.481	-46.13	Improving	0.5605
EBEMH	Winter	S	STP	0.00	0.0054	-0.002	0.057	-47.20	Improving	0.4325
EBEMH	Winter	B	BTP	0.00	0.0060	-0.001	0.057	-32.28	Improving	0.5417
EBEMH	Winter	S	SPO4F	19.35	0.0004	-0.001	0.014	-65.31	Improving	0.7025
EBEMH	Winter	B	BPO4F	32.26	0.0003	-0.001	0.015	-55.17	Improving	0.5944
EBEMH	Winter	S	SCHLA	0.00	0.1176	-0.521	16.560	-50.38	No trend	0.1328
EBEMH	Winter	S	STSS	0.00	0.3104	-0.337	11.500	-46.84	No trend	0.3727
EBEMH	Winter	B	BTSS	0.00	0.6120	-0.166	12.050	-22.05	No trend	0.9967
EBEMH	Winter	S	SECCHI	0.00	0.5457	0.000	0.950	0.00	No trend	0.2119
EBEMH	Winter	B	BDO	0.00	0.0217	0.122	9.800	19.92	No trend	0.9865
EBEMH	Winter	S	SSALINITY	0.00	0.4037	0.100	15.950	10.03	No trend	0.2252
EBEMH	Winter	B	BSALINITY	0.00	0.8620	0.028	17.650	2.52	No trend	0.1086
EBEMH	Winter	B	BWTEMP	0.00	0.6512	-0.035	7.050	-7.94	No trend	0.2857
EBEMH	Winter	S	SWTEMP	0.00	0.5083	-0.057	7.250	-12.61	No trend	0.3087
WBEMH	Winter	S	STN	0.00	0.3040	-0.008	0.618	-20.54	No trend	0.8657
WBEMH	Winter	B	BTN	0.00	0.1439	-0.008	0.594	-20.41	No trend	0.5314
WBEMH	Winter	S	SDIN	16.13	0.4225	-0.001	0.102	-21.28	No trend	0.9779
WBEMH	Winter	B	BDIN	9.68	0.3478	-0.003	0.198	-25.41	No trend	0.6123
WBEMH	Winter	S	STP	0.00	0.0003	-0.001	0.049	-43.81	Improving	0.0844
WBEMH	Winter	B	BTP	0.00	0.0977	-0.001	0.039	-32.31	No trend	0.7912
WBEMH	Winter	S	SPO4F	38.71	0.0002	0.000	0.007	-98.46	Improving	0.9089
WBEMH	Winter	B	BPO4F	38.71	0.0000	-0.001	0.009	-94.12	Improving	0.7861
WBEMH	Winter	S	SCHLA	0.00	0.0085	-0.830	26.300	-50.52	Improving	0.5879
WBEMH	Winter	S	STSS	0.00	0.1473	-0.385	13.400	-45.93	No trend	0.5005
WBEMH	Winter	B	BTSS	0.00	0.2181	-0.247	12.450	-31.73	No trend	0.5270
WBEMH	Winter	S	SECCHI	0.00	0.6330	0.000	0.950	0.00	No trend	0.5667
WBEMH	Winter	B	BDO	0.00	0.1861	0.064	12.000	8.59	No trend	0.2264
WBEMH	Winter	S	SSALINITY	0.00	0.1745	0.176	15.450	18.25	No trend	0.6023
WBEMH	Winter	B	BSALINITY	0.00	0.3299	0.133	16.000	13.30	No trend	0.3109
WBEMH	Winter	B	BWTEMP	0.00	0.6262	-0.061	6.100	-16.11	No trend	0.4940
WBEMH	Winter	S	SWTEMP	0.00	0.5088	-0.106	6.650	-25.44	No trend	0.4620
SBEMH	Winter	S	STN	0.00	0.0091	-0.037	1.747	-34.02	Improving	0.9524
SBEMH	Winter	B	BTN	0.00	0.0884	-0.014	1.147	-19.53	No trend	0.5307
SBEMH	Winter	S	SDIN	0.00	0.0007	-0.037	1.036	-56.52	Improving	0.6102
SBEMH	Winter	B	BDIN	0.00	0.0339	-0.017	0.615	-43.32	No trend	0.9173
SBEMH	Winter	S	STP	0.00	0.0004	-0.002	0.061	-48.83	Improving	0.1892
SBEMH	Winter	B	BTP	0.00	0.0011	-0.002	0.060	-40.00	Improving	0.4193
SBEMH	Winter	S	SPO4F	4.84	0.0650	-0.001	0.033	-29.09	No trend	0.2877
SBEMH	Winter	B	BPO4F	17.74	0.0133	-0.001	0.027	-43.36	No trend	0.7816
SBEMH	Winter	S	SCHLA	3.33	0.4865	-0.223	5.175	-68.79	No trend	0.2295
SBEMH	Winter	S	STSS	1.67	0.0425	-0.324	11.575	-44.72	No trend	0.3016
SBEMH	Winter	B	BTSS	0.00	0.1686	-0.380	11.625	-52.33	No trend	0.8728
SBEMH	Winter	S	SECCHI	0.00	0.8341	0.000	0.750	0.00	No trend	0.7613
SBEMH	Winter	B	BDO	0.00	0.0432	0.110	8.625	20.41	No trend	0.6760
SBEMH	Winter	S	SSALINITY	0.00	0.5544	0.145	12.950	17.92	No trend	0.4242
SBEMH	Winter	B	BSALINITY	0.00	0.5544	-0.083	17.775	-7.49	No trend	0.3714

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
SBEMH	Winter	B	BWTEMP	0.00	0.1095	0.126	7.700	26.26	No trend	0.7902
SBEMH	Winter	S	SWTEMP	0.00	0.5544	-0.035	10.850	-5.16	No trend	0.7070
ELIPH	Winter	S	SCHLA	0.00	0.1120	-0.464	14.770	-59.69	No trend	0.2804
ELIPH	Winter	S	STSS	0.00	0.5243	-0.076	11.000	-11.03	No trend	0.2518
ELIPH	Winter	B	BTSS	1.72	0.7502	0.153	17.775	13.78	No trend	0.9492
ELIPH	Winter	S	SECCHI	0.00	0.1550	-0.011	1.050	-21.57	No trend	0.6999
ELIPH	Winter	B	BDO	0.00	0.3157	0.031	11.100	5.66	No trend	0.7470
ELIPH	Winter	S	SSALINITY	0.00	0.8103	-0.031	19.720	-3.17	No trend	0.5134
ELIPH	Winter	B	BSALINITY	0.00	0.3159	-0.063	22.065	-5.68	No trend	0.7468
ELIPH	Winter	B	BWTEMP	0.00	0.4105	0.053	2.900	36.71	No trend	0.4908
ELIPH	Winter	S	SWTEMP	0.00	0.2580	0.065	2.000	64.77	No trend	0.2138
PMKTF	Winter	S	SCHLA	28.57	0.0005	0.000	3.100	0.00	Unchanged	0.2456
PMKTF	Winter	S	STSS	0.00	0.8673	0.000	19.500	0.00	No trend	0.5629
PMKTF	Winter	B	BTSS	0.00	0.5985	-0.367	25.000	-23.47	No trend	0.4609
PMKTF	Winter	S	SECCHI	0.00	0.7076	0.000	0.550	0.00	No trend	0.9181
PMKTF	Winter	B	BDO	0.00	0.2375	0.034	12.050	5.65	No trend	0.5206
PMKTF	Winter	S	SSALINITY	0.00	0.0566	0.000	0.010	0.00	No trend	0.8615
PMKTF	Winter	B	BSALINITY	0.00	0.0798	0.000	0.010	0.00	No trend	0.9841
PMKTF	Winter	B	BWTEMP	0.00	0.7887	-0.010	3.000	-6.36	No trend	0.9998
PMKTF	Winter	S	SWTEMP	0.00	0.7576	-0.018	3.000	-11.74	No trend	0.9685
PMKOH	Winter	S	SCHLA	29.41	0.8098	0.000	3.100	0.00	No trend	0.8872
PMKOH	Winter	S	STSS	0.00	0.5913	-0.458	86.000	-10.65	No trend	0.9568
PMKOH	Winter	B	BTSS	3.45	0.8257	-1.167	72.000	-25.93	No trend	0.7596
PMKOH	Winter	S	SECCHI	0.00	0.0534	0.009	0.300	57.19	No trend	0.8965
PMKOH	Winter	B	BDO	0.00	0.8299	-0.002	12.050	-0.38	No trend	0.4204
PMKOH	Winter	S	SSALINITY	0.00	0.0577	0.200	0.700	571.43	No trend	0.6712
PMKOH	Winter	B	BSALINITY	0.00	0.0474	0.250	0.980	510.20	No trend	0.8651
PMKOH	Winter	B	BWTEMP	0.00	0.7887	-0.022	2.350	-18.94	No trend	0.5554
PMKOH	Winter	S	SWTEMP	0.00	0.6878	-0.027	2.300	-23.24	No trend	0.6487
MPNTF	Winter	S	SCHLA	36.11	0.0001	0.000	3.100	0.00	Unchanged	0.3201
MPNTF	Winter	S	STSS	9.68	0.2157	0.400	11.000	58.18	No trend	0.1011
MPNTF	Winter	B	BTSS	6.67	0.2799	0.400	8.000	80.00	No trend	0.3223
MPNTF	Winter	S	SECCHI	0.00	0.0570	-0.019	0.750	-50.00	No trend	0.2381
MPNTF	Winter	B	BDO	0.00	0.2454	0.053	12.600	8.47	No trend	0.2667
MPNTF	Winter	S	SSALINITY	0.00	0.3613	0.000	0.010	0.00	No trend	
MPNTF	Winter	B	BSALINITY	0.00	0.3613	0.000	0.010	0.00	No trend	
MPNTF	Winter	B	BWTEMP	0.00	0.4231	-0.077	2.500	-61.33	No trend	0.9405
MPNTF	Winter	S	SWTEMP	0.00	0.4876	-0.057	2.500	-45.42	No trend	0.9166
MPNOH	Winter	S	SCHLA	30.56	0.2886	0.000	3.100	0.00	No trend	0.5847
MPNOH	Winter	S	STSS	0.00	0.0134	-1.086	60.000	-36.19	No trend	0.4041
MPNOH	Winter	B	BTSS	0.00	0.6763	-0.500	30.500	-26.23	No trend	0.2465
MPNOH	Winter	S	SECCHI	0.00	0.1627	0.000	0.300	0.00	No trend	0.0801
MPNOH	Winter	B	BDO	0.00	0.7381	0.013	12.350	2.14	No trend	0.8268
MPNOH	Winter	S	SSALINITY	0.00	0.1528	0.097	0.320	606.62	No trend	0.5305
MPNOH	Winter	B	BSALINITY	0.00	0.1625	0.144	0.310	930.88	No trend	0.6266
MPNOH	Winter	B	BWTEMP	0.00	0.7578	0.019	2.000	19.20	No trend	0.9687
MPNOH	Winter	S	SWTEMP	0.00	0.8170	0.022	2.100	20.70	No trend	0.9869
YRKMH	Winter	S	SCHLA	13.51	0.5709	0.117	10.290	21.58	No trend	0.5496
YRKMH	Winter	S	STSS	0.00	0.7022	-0.158	18.250	-13.88	No trend	0.1807
YRKMH	Winter	B	BTSS	0.00	0.0219	3.000	29.375	163.40	No trend	0.6105
YRKMH	Winter	S	SECCHI	0.00	0.3825	0.005	0.675	15.20	No trend	0.2217
YRKMH	Winter	B	BDO	0.00	0.9210	0.000	12.025	0.00	No trend	0.8044
YRKMH	Winter	S	SSALINITY	0.00	0.1652	0.180	8.705	41.38	No trend	0.8801
YRKMH	Winter	B	BSALINITY	0.00	0.1428	0.154	11.180	27.47	No trend	0.6659
YRKMH	Winter	B	BWTEMP	0.00	0.9212	-0.013	2.400	-11.05	No trend	0.8820
YRKMH	Winter	S	SWTEMP	0.00	0.6561	-0.026	2.175	-24.14	No trend	0.6922
YRKP	Winter	S	SCHLA	2.74	0.0680	-0.381	17.700	-40.92	No trend	0.6465
YRKP	Winter	S	STSS	5.71	0.9012	0.000	8.500	0.00	No trend	0.9803
YRKP	Winter	B	BTSS	3.13	0.0382	1.092	11.750	148.65	No trend	0.9754
YRKP	Winter	S	SECCHI	0.00	0.6730	0.006	1.125	10.49	No trend	0.5677

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
YRKPH	Winter	B	BDO	0.00	0.0599	-0.063	12.150	-10.33	No trend	1.0000
YRKPH	Winter	S	SSALINITY	0.00	0.5374	0.056	18.180	6.21	No trend	0.9785
YRKPH	Winter	B	BSALINITY	0.00	0.0717	0.137	20.990	13.02	No trend	0.1546
YRKPH	Winter	B	BWTEMP	0.00	0.8624	0.007	3.325	3.93	No trend	0.8235
YRKPH	Winter	S	SWTEMP	0.00	0.6561	-0.024	2.475	-19.44	No trend	0.8431
MOBPH	Winter	S	STN	0.00	0.0022	-0.009	0.459	-38.48	Improving	0.8046
MOBPH	Winter	B	BTN	0.00	0.0070	-0.009	0.508	-33.62	Improving	0.3603
MOBPH	Winter	S	SDIN	97.35	0.0015	-0.002	0.048	-98.13	Improving	0.4283
MOBPH	Winter	B	BDIN	98.68	0.0050	-0.002	0.062	-67.41	Improving	0.6698
MOBPH	Winter	S	STP	41.72	0.1730	0.000	0.028	-16.11	No trend	0.6021
MOBPH	Winter	B	BTP	28.95	0.1250	0.000	0.032	-26.32	No trend	0.4887
MOBPH	Winter	S	SPO4F	91.50	0.0000	0.000	0.010	-47.98	Improving	0.7575
MOBPH	Winter	B	BPO4F	92.16	0.0000	0.000	0.010	-54.77	Improving	0.5119
MOBPH	Winter	S	SCHLA	16.88	0.1251	-0.195	7.655	-50.96	No trend	0.4885
MOBPH	Winter	S	STSS	4.58	0.1131	-0.308	13.300	-46.33	No trend	0.3729
MOBPH	Winter	B	BTSS	1.96	0.0214	-0.599	22.525	-53.21	No trend	0.3341
MOBPH	Winter	S	SECCHI	0.00	0.6202	0.014	1.475	19.12	No trend	0.9999
MOBPH	Winter	B	BDO	0.00	0.2988	0.045	11.950	7.60	No trend	0.1659
MOBPH	Winter	S	SSALINITY	0.00	0.9590	0.004	20.400	0.36	No trend	0.5351
MOBPH	Winter	B	BSALINITY	0.00	0.7972	-0.030	20.815	-2.85	No trend	0.2613
MOBPH	Winter	B	BWTEMP	0.00	0.6382	0.025	3.050	16.39	No trend	0.5041
MOBPH	Winter	S	SWTEMP	0.00	0.6208	0.027	3.300	16.07	No trend	0.6561
RPPTF	Winter	S	SCHLA	22.22	0.3983	0.000	3.100	0.00	No trend	0.7847
RPPTF	Winter	S	STSS	1.41	0.2137	0.845	25.500	53.03	No trend	0.4250
RPPTF	Winter	B	BTSS	2.82	0.3234	1.036	46.500	35.64	No trend	0.5447
RPPTF	Winter	S	SECCHI	0.00	0.1844	-0.009	0.450	-32.91	No trend	0.9264
RPPTF	Winter	B	BDO	0.00	0.1979	0.050	12.700	7.87	No trend	0.6797
RPPTF	Winter	S	SSALINITY	0.00	0.0101	0.000	0.010	0.00	No trend	0.8544
RPPTF	Winter	B	BSALINITY	0.00	0.0115	0.000	0.010	0.00	No trend	0.8889
RPPTF	Winter	B	BWTEMP	0.00	0.9385	0.010	3.000	6.73	No trend	0.3388
RPPTF	Winter	S	SWTEMP	0.00	0.5525	0.050	2.000	50.42	No trend	0.1375
RPPOH	Winter	S	SCHLA	22.86	0.1023	0.000	3.100	0.00	No trend	0.2063
RPPOH	Winter	S	STSS	0.00	0.6889	-0.286	42.000	-10.88	No trend	0.6264
RPPOH	Winter	B	BTSS	0.00	0.9734	-0.167	43.000	-6.20	No trend	0.2158
RPPOH	Winter	S	SECCHI	0.00	0.8581	0.000	0.350	0.00	No trend	0.9403
RPPOH	Winter	B	BDO	0.00	0.4140	-0.024	12.850	-3.78	No trend	0.5595
RPPOH	Winter	S	SSALINITY	0.00	0.8066	0.000	0.500	0.00	No trend	0.8997
RPPOH	Winter	B	BSALINITY	0.00	0.5659	0.000	0.410	0.00	No trend	0.8848
RPPOH	Winter	B	BWTEMP	0.00	0.5024	0.054	2.950	36.47	No trend	0.7486
RPPOH	Winter	S	SWTEMP	0.00	0.2810	0.087	2.900	59.66	No trend	0.7489
RPPMH	Winter	S	SCHLA	7.25	0.1758	-0.151	9.415	-32.15	No trend	0.2610
RPPMH	Winter	S	STSS	12.75	0.1609	0.153	7.750	39.38	No trend	0.5044
RPPMH	Winter	B	BTSS	3.76	0.6134	-0.108	16.500	-13.04	No trend	0.3828
RPPMH	Winter	S	SECCHI	0.00	0.1543	-0.023	1.500	-31.07	No trend	0.6458
RPPMH	Winter	B	BDO	0.00	0.8723	-0.002	12.300	-0.26	No trend	0.2604
RPPMH	Winter	S	SSALINITY	0.00	0.1483	-0.194	14.583	-26.66	No trend	0.5353
RPPMH	Winter	B	BSALINITY	0.00	0.2608	-0.148	17.273	-17.14	No trend	0.5660
RPPMH	Winter	B	BWTEMP	0.00	0.4089	0.049	2.675	36.74	No trend	0.7831
RPPMH	Winter	S	SWTEMP	0.00	0.4626	0.033	3.225	20.50	No trend	0.9634
CRRMH	Winter	S	SCHLA	11.76	0.2956	-0.070	4.450	-29.89	No trend	0.7881
CRRMH	Winter	S	STSS	36.11	0.5663	0.000	5.000	0.00	No trend	0.5257
CRRMH	Winter	B	BTSS	28.57	0.8403	0.000	5.000	0.00	No trend	0.6558
CRRMH	Winter	S	SECCHI	0.00	0.9766	0.000	2.750	0.00	No trend	0.9300
CRRMH	Winter	B	BDO	0.00	0.4683	-0.033	12.750	-5.23	No trend	0.2525
CRRMH	Winter	S	SSALINITY	0.00	0.9077	-0.023	15.810	-2.95	No trend	0.9451
CRRMH	Winter	B	BSALINITY	0.00	0.9077	-0.005	16.500	-0.61	No trend	0.8683
CRRMH	Winter	B	BWTEMP	0.00	0.4680	0.031	3.550	17.61	No trend	0.8860
CRRMH	Winter	S	SWTEMP	0.00	0.7586	0.017	3.800	9.02	No trend	0.9230
PIAMH	Winter	S	STN	0.00	0.0192	-0.011	0.606	-35.76	No trend	0.2493
PIAMH	Winter	B	BTN	0.00	0.0646	-0.008	0.558	-29.57	No trend	0.4740

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
PIAMH	Winter	S	SDIN	13.16	0.0799	-0.003	0.110	-59.00	No trend	0.5551
PIAMH	Winter	B	BDIN	13.16	0.2909	0.000	0.077	-11.69	No trend	0.6876
PIAMH	Winter	S	STP	0.00	0.0675	0.000	0.019	-17.98	No trend	0.6454
PIAMH	Winter	B	BTP	0.00	0.3000	0.000	0.020	-10.26	No trend	0.4739
PIAMH	Winter	S	SPO4F	71.05	0.0000	0.000	0.011	-76.19	Improving	0.9690
PIAMH	Winter	B	BPO4F	76.32	0.0000	0.000	0.010	-73.33	Improving	0.9473
PIAMH	Winter	S	SCHLA	7.89	0.1999	-0.193	6.975	-55.28	No trend	0.8037
PIAMH	Winter	S	STSS	10.53	0.2775	-0.178	13.350	-26.59	No trend	0.0352
PIAMH	Winter	B	BTSS	10.53	0.0339	-0.228	13.500	-33.78	No trend	0.3518
PIAMH	Winter	S	SECCHI	0.00	0.8603	0.000	1.800	0.00	No trend	0.3791
PIAMH	Winter	B	BDO	0.00	0.1034	0.045	11.500	7.91	No trend	0.9423
PIAMH	Winter	S	SSALINITY	0.00	0.9593	-0.005	16.485	-0.66	No trend	0.7201
PIAMH	Winter	B	BSALINITY	0.00	0.8384	0.022	17.560	2.55	No trend	0.8157
PIAMH	Winter	B	BWTEMP	0.00	0.3616	0.052	2.400	43.33	No trend	0.9968
PIAMH	Winter	S	SWTEMP	0.00	0.3882	0.049	2.100	46.56	No trend	0.6960
POCMH	Winter	S	STN	0.00	0.0191	-0.013	0.715	-36.75	No trend	0.8570
POCMH	Winter	B	BTN	0.00	0.0418	-0.011	0.671	-32.41	No trend	0.9541
POCMH	Winter	S	SDIN	66.67	0.0653	-0.004	0.172	-51.88	No trend	0.9446
POCMH	Winter	B	BDIN	78.85	0.0399	-0.005	0.165	-61.56	No trend	0.6804
POCMH	Winter	S	STP	13.21	0.0426	-0.001	0.030	-57.00	No trend	0.2382
POCMH	Winter	B	BTP	13.21	0.0131	-0.001	0.041	-43.90	No trend	0.1832
POCMH	Winter	S	SPO4F	86.79	0.0002	0.000	0.010	-50.00	Improving	0.3108
POCMH	Winter	B	BPO4F	86.79	0.0001	0.000	0.010	-62.50	Improving	0.5665
POCMH	Winter	S	SCHLA	5.66	0.0658	-0.323	11.790	-54.80	No trend	0.5289
POCMH	Winter	S	STSS	0.00	0.6124	-0.118	24.000	-9.84	No trend	0.0479
POCMH	Winter	B	BTSS	0.00	0.4393	-0.425	29.000	-29.31	No trend	0.1143
POCMH	Winter	S	SECCHI	0.00	0.2386	0.014	0.700	38.96	No trend	0.5802
POCMH	Winter	B	BDO	0.00	0.4078	0.017	11.900	2.78	No trend	0.2099
POCMH	Winter	S	SSALINITY	0.00	0.6124	0.021	17.760	2.36	No trend	0.6952
POCMH	Winter	B	BSALINITY	0.00	0.5050	0.048	17.840	5.33	No trend	0.7678
POCMH	Winter	B	BWTEMP	0.00	0.3644	0.069	1.500	91.67	No trend	0.8134
POCMH	Winter	S	SWTEMP	0.00	0.3106	0.077	1.500	102.56	No trend	0.8482
CB6PH	Winter	S	STN	0.00	0.1467	-0.007	0.522	-25.91	No trend	0.5152
CB6PH	Winter	B	BTN	0.00	0.0210	-0.008	0.522	-31.09	No trend	0.9365
CB6PH	Winter	S	SDIN	72.30	0.2341	-0.003	0.122	-44.22	No trend	0.3919
CB6PH	Winter	B	BDIN	92.72	0.0912	-0.002	0.101	-42.47	No trend	0.3204
CB6PH	Winter	S	STP	56.95	0.0095	-0.001	0.030	-36.04	Improving	0.7226
CB6PH	Winter	B	BTP	17.33	0.0077	-0.001	0.048	-32.89	Improving	0.3619
CB6PH	Winter	S	SPO4F	92.72	0.0000	0.000	0.010	-43.89	Improving	0.7187
CB6PH	Winter	B	BPO4F	92.62	0.0000	0.000	0.010	-61.36	Improving	0.6580
CB6PH	Winter	S	SCHLA	15.44	0.0054	-0.280	9.718	-57.71	Improving	0.7280
CB6PH	Winter	S	STSS	9.33	0.0102	-0.313	13.563	-46.15	No trend	0.3171
CB6PH	Winter	B	BTSS	0.67	0.0912	-0.290	19.563	-29.65	No trend	0.8176
CB6PH	Winter	S	SECCHI	0.00	0.3283	0.022	1.475	30.13	No trend	0.5119
CB6PH	Winter	B	BDO	0.00	0.4752	0.023	11.500	3.96	No trend	0.9838
CB6PH	Winter	S	SSALINITY	0.00	0.6513	-0.047	19.088	-4.94	No trend	0.5626
CB6PH	Winter	B	BSALINITY	0.00	0.2250	-0.064	22.705	-5.67	No trend	0.8316
CB6PH	Winter	B	BWTEMP	0.00	0.3659	0.045	3.100	29.03	No trend	0.9135
CB6PH	Winter	S	SWTEMP	0.00	0.4323	0.047	2.875	32.46	No trend	0.7431
CB7PH	Winter	S	STN	0.00	0.0540	-0.008	0.499	-33.41	No trend	0.6326
CB7PH	Winter	B	BTN	0.00	0.1110	-0.005	0.503	-19.08	No trend	0.8773
CB7PH	Winter	S	SDIN	85.24	0.2832	-0.001	0.106	-26.54	No trend	0.4052
CB7PH	Winter	B	BDIN	97.02	0.2335	-0.001	0.077	-33.77	No trend	0.4460
CB7PH	Winter	S	STP	50.75	0.0034	0.000	0.026	-30.36	Improving	0.5289
CB7PH	Winter	B	BTP	16.87	0.1599	0.000	0.043	-22.59	No trend	0.2391
CB7PH	Winter	S	SPO4F	92.86	0.0000	0.000	0.010	-65.00	Improving	0.4774
CB7PH	Winter	B	BPO4F	90.48	0.0000	0.000	0.010	-68.89	Improving	0.6480
CB7PH	Winter	S	SCHLA	20.67	0.0095	-0.298	8.778	-68.00	Improving	0.9450
CB7PH	Winter	S	STSS	5.12	0.0173	-0.211	9.100	-46.34	No trend	0.9278
CB7PH	Winter	B	BTSS	0.30	0.1218	-0.428	24.650	-34.69	No trend	0.3462

Appendix B. Section II. Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	% Change	Direction	Homogeneity test P value
CB7PH	Winter	S	SECCHI	0.00	0.1152	0.025	1.650	30.30	No trend	0.5583
CB7PH	Winter	B	BDO	0.00	0.1671	0.046	11.275	8.09	No trend	0.6355
CB7PH	Winter	S	SSALINITY	0.00	0.6859	-0.042	19.670	-4.29	No trend	0.8930
CB7PH	Winter	B	BSALINITY	0.00	0.4608	0.050	21.920	4.56	No trend	0.1832
CB7PH	Winter	B	BWTEMP	0.00	0.3288	0.054	3.050	35.70	No trend	0.8584
CB7PH	Winter	S	SWTEMP	0.00	0.3530	0.050	2.525	39.60	No trend	0.8197
CB8PH	Winter	S	STN	0.00	0.4324	-0.003	0.419	-13.12	No trend	0.4143
CB8PH	Winter	B	BTN	0.00	0.2074	-0.005	0.394	-22.83	No trend	0.5511
CB8PH	Winter	S	SDIN	94.17	0.3176	-0.001	0.058	-22.43	No trend	0.0200
CB8PH	Winter	B	BDIN	99.17	0.6341	0.000	0.036	-14.58	No trend	0.1612
CB8PH	Winter	S	STP	37.50	0.0001	-0.001	0.041	-44.44	Improving	0.9114
CB8PH	Winter	B	BTP	10.92	0.0162	-0.001	0.045	-25.54	No trend	0.8346
CB8PH	Winter	S	SPO4F	86.67	0.0000	0.000	0.011	-73.47	Improving	0.5204
CB8PH	Winter	B	BPO4F	74.17	0.0008	0.000	0.013	-63.85	Improving	0.4819
CB8PH	Winter	S	SCHLA	23.53	0.1220	-0.251	7.695	-65.16	No trend	0.9136
CB8PH	Winter	S	STSS	2.59	0.3242	-0.132	8.450	-31.30	No trend	0.7484
CB8PH	Winter	B	BTSS	1.71	0.6573	-0.116	12.200	-19.02	No trend	0.9089
CB8PH	Winter	S	SECCHI	0.00	0.8477	0.000	2.000	0.00	No trend	0.3825
CB8PH	Winter	B	BDO	0.00	0.3288	0.029	11.350	5.03	No trend	0.9348
CB8PH	Winter	S	SSALINITY	0.00	0.2633	-0.133	25.850	-10.32	No trend	0.5791
CB8PH	Winter	B	BSALINITY	0.00	0.1905	-0.057	29.640	-3.87	No trend	0.2231
CB8PH	Winter	B	BWTEMP	0.00	0.2339	0.053	3.650	29.22	No trend	0.9216
CB8PH	Winter	S	SWTEMP	0.00	0.5841	0.032	3.050	20.90	No trend	0.9594