CALIBRATION OF THE PCB
WATER QUALITY MODEL FOR THE DELAWARE ESTUARY
FOR PENTA-PCBs AND CARBON

APPENDIX B
MODEL CALIBRATION TARGETS (C/C_{HL} = 40)

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
WC	63.0	3/15/2002	22	195	8.51E+02	4.34E+02	4.17E+02	3.16	0.5160	2.64	0.13		0
WC	68.1	3/15/2002	24	195	1.53E+03	1.00E+03	5.29E+02	2.26	0.3691	1.89	0.23		0
WC	70.8	3/15/2002	25	195	1.04E+03	4.92E+02	5.53E+02	2.85	0.4654	2.38	0.19		0
WC	75.1	3/15/2002	32	195	8.84E+02	3.72E+02	5.13E+02	3.20	0.5226	2.68	0.16		0
WC	80.0	3/15/2002	34	195	1.57E+03	8.46E+02	7.24E+02	2.24	0.3658	1.87	0.32		0
WC	84.8	3/15/2002	38	195	1.00E+03	4.75E+02	5.25E+02	2.66	0.4344	2.23	0.20		0
WC	87.0	3/15/2002	42	195	1.32E+03	3.62E+02	9.56E+02	2.68	0.4376	2.24	0.36		0
WC	95.5	3/15/2002	48	195	1.21E+03	5.77E+02	6.38E+02	2.06	0.3364	1.72	0.31		0
WC	99.4	3/15/2002	51	195	2.07E+03	8.86E+02	1.18E+03	2.26	0.3691	1.89	0.52		0
WC	101.6	3/15/2002	52	195	1.58E+03	6.24E+02	9.59E+02	2.07	0.3380	1.73	0.46		0
WC	105.4	3/15/2002	56	195	1.33E+03	5.97E+02	7.31E+02	1.88	0.3070	1.57	0.39		0
WC	111.5	3/15/2002	60	195	9.79E+02	4.08E+02	5.72E+02	1.75	0.2858	1.46	0.33		0
WC	118.6	3/15/2002	66	195	1.31E+03	8.31E+02	4.75E+02	1.13	0.1845	0.95	0.42		0
WC	122.6	3/15/2002	69	195	4.02E+02	2.43E+02	1.59E+02	0.77	0.1257	0.64	0.21		0
WC	130.6	3/15/2002	74	195	6.08E+02	4.70E+02	1.38E+02	0.59	0.0967	0.50	0.23		0
S	58.6		88	195	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	195	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	195	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	195	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	195	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	195	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	195	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	195	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	195	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	195	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	195	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	195	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	195	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	195	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	195	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	195	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	195	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	195	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	195	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	195	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	195	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	195	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	195	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	195	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	195	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	195	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	195	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	195	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	195	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	195	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	195	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	195	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	195	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	195	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	195	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	82.2		123	195	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	195	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	195	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	195	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	195	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	195	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	195	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	195	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	195	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	195	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	195	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	195	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	195	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	195	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	195	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	195	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	195	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	195	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	195	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	195	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	195	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	195	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	195	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	195	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	195	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	195	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	195	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	195	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	195	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	195	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	195	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	195	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	195	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	195	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	195	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	195	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	195	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	195	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	195	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	195	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	195	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	195	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	195	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	195	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	195	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	195	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	195	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	195	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	195	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	195	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	13.5		173	195	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	195	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	63.0	4/11/2002	22	222	1.29E+03	7.31E+02	5.57E+02	3.36	0.5487	2.81	0.17		0
WC	68.1	4/11/2002	24	222	9.43E+02	4.24E+02	5.20E+02	2.17	0.3544	1.82	0.24		0
WC	70.8	4/11/2002	25	222	8.28E+02	4.32E+02	3.96E+02	1.43	0.2335	1.20	0.28		0
WC	75.1	4/11/2002	32	222	8.88E+02	4.09E+02	4.79E+02	1.32	0.2156	1.10	0.36		0
WC	80.0	4/11/2002	34	222	1.05E+03	4.99E+02	5.51E+02	1.40	0.2286	1.17	0.39		0
WC	84.8	4/11/2002	38	222	1.73E+03	7.16E+02	1.01E+03	2.11	0.3446	1.77	0.48		0
WC	87.0	4/11/2002	42	222	1.35E+03	6.53E+02	6.93E+02	1.90	0.3103	1.59	0.36		0
WC	95.5	4/11/2002	48	222	1.62E+03	4.46E+02	1.18E+03	2.14	0.3495	1.79	0.55		0
WC	99.4	4/11/2002	51	222	1.42E+03	4.23E+02	9.96E+02	1.95	0.3184	1.63	0.51		0
WC	101.6	4/11/2002	52	222	1.04E+03	3.86E+02	6.51E+02	1.39	0.2270	1.16	0.47		0
WC	105.4	4/11/2002	56	222	9.08E+02	3.60E+02	5.49E+02	1.05	0.1715	0.88	0.52		0
WC	111.5	4/11/2002	60	222	4.88E+02	2.03E+02	2.85E+02	0.85	0.1391	0.71	0.33		0
WC	118.6	4/11/2002	66	222	3.25E+02	1.49E+02	1.76E+02	0.80	0.1300	0.67	0.22		0
WC	122.6	4/11/2002	69	222	2.58E+02	1.38E+02	1.20E+02	0.56	0.0908	0.47	0.22		0
WC	130.6	4/11/2002	74	222	1.17E+02	5.82E+01	5.92E+01	0.53	0.0867	0.44	0.11		0
S	58.6		88	222	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	222	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	222	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	222	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	222	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	222	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	222	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	222	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	222	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	222	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	222	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	222	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	222	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	222	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	222	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	222	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	222	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	222	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	222	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	222	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	222	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	222	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	222	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	222	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	222	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	222	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	222	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	222	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	222	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	222	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	222	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	222	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	222	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	80.0		121	222	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	222	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	222	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	222	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	222	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	222	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	222	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	222	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	222	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	222	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	222	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	222	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	222	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	222	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	222	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	222	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	222	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	222	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	222	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	222	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	222	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	222	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	222	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	222	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	222	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	222	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	222	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	222	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	222	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	222	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	222	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	222	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	222	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	222	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	222	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	222	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	222	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	222	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	222	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	222	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	222	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	222	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	222	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	222	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	222	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	222	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	222	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	222	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	222	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	222	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	18.6		171	222	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	222	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	222	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	222	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	63.0	4/22/2002	22	233			1.00E+03	5.65	0.9226	4.73	0.18		0
WC	68.1	4/22/2002	24	233			5.61E+02	3.50	0.5716	2.93	0.16		0
WC	70.8	4/22/2002	25	233			7.04E+02	3.19	0.5209	2.67	0.22		0
WC	75.1	4/22/2002	32	233			7.59E+02	3.57	0.5830	2.99	0.21		0
WC	80.0	4/22/2002	34	233			4.62E+02	1.09	0.1780	0.91	0.42		0
WC	84.8	4/22/2002	38	233			6.29E+02	1.12	0.1829	0.94	0.56		0
WC	87.0	4/22/2002	42	233			4.03E+02	0.93	0.1520	0.78	0.43		0
WC	95.5	4/22/2002	48	233			4.86E+02	0.79	0.1290	0.66	0.62		0
WC	99.4	4/22/2002	51	233			7.42E+02	1.24	0.2025	1.04	0.60		0
WC	101.6	4/22/2002	52	233			1.09E+03	1.46	0.2384	1.22	0.74		0
WC	105.4	4/22/2002	56	233			6.24E+02	1.14	0.1862	0.95	0.55		0
WC	111.5	4/22/2002	60	233			3.83E+02	1.27	0.2074	1.06	0.30		0
WC	118.6	4/22/2002	66	233			2.74E+02	1.94	0.3168	1.62	0.14		0
WC	122.6	4/22/2002	69	233			2.29E+02	1.15	0.1878	0.96	0.20		0
WC	130.6	4/22/2002	74	233			1.00E+02	0.83	0.1362	0.70	0.12		0
S	58.6		88	233	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	233	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	233	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	233	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	233	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	233	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	233	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	233	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	233	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	233	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	233	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	233	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	233	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	233	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	233	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	233	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	233	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	233	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	233	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	233	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	233	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	233	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	233	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	233	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	233	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	233	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	233	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	233	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	233	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	233	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	233	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	75.1		119	233	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	233	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	233	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	233	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	233	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	233	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	233	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	233	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	233	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	233	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	233	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	233	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	233	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	233	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	233	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	233	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	233	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	233	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	233	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	233	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	233	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	233	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	233	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	233	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	233	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	233	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	233	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	233	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	233	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	233	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	233	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	233	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	233	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	233	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	233	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	233	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	233	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	233	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	233	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	233	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	233	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	233	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	233	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	233	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	233	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	233	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	233	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	233	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	233	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	233	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	35.8		169	233	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	233	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	233	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	233	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	233	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	233	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	63.0	5/6/2002	22	247	8.68E+02	2.89E+02	5.79E+02	3.54	0.5781	2.96	0.16		0
WC	68.1	5/6/2002	24	247	7.14E+02	2.79E+02	4.35E+02	2.08	0.3397	1.74	0.21		0
WC	70.8	5/6/2002	25	247	1.18E+03	4.10E+02	7.73E+02	1.88	0.3070	1.57	0.41		0
WC	75.1	5/6/2002	32	247	9.74E+02	3.36E+02	6.38E+02	1.51	0.2466	1.26	0.42		0
WC	80.0	5/6/2002	34	247	8.12E+02	3.88E+02	4.25E+02	1.19	0.1943	1.00	0.36		0
WC	84.8	5/6/2002	38	247	9.66E+02	4.37E+02	5.29E+02	1.18	0.1927	0.99	0.45		0
WC	87.0	5/6/2002	42	247	1.27E+03	4.38E+02	8.28E+02	1.11	0.1813	0.93	0.75		0
WC	95.5	5/6/2002	48	247	8.19E+02	4.79E+02	3.40E+02	0.72	0.1179	0.60	0.47		0
WC	99.4	5/6/2002	51	247	1.01E+03	4.58E+02	5.55E+02	0.97	0.1587	0.81	0.57		0
WC	101.6	5/6/2002	52	247	7.68E+02	3.91E+02	3.77E+02	0.95	0.1545	0.79	0.40		0
WC	105.4	5/6/2002	56	247	6.61E+02	3.65E+02	2.96E+02	0.88	0.1442	0.74	0.34		0
WC	111.5	5/6/2002	60	247	4.74E+02	2.14E+02	2.60E+02	1.12	0.1829	0.94	0.23		0
WC	118.6	5/6/2002	66	247	4.99E+02	2.04E+02	2.94E+02	1.10	0.1796	0.92	0.27		0
WC	122.6	5/6/2002	69	247	2.84E+02	1.03E+02	1.81E+02	0.84	0.1367	0.70	0.22		0
WC	130.6	5/6/2002	74	247	2.41E+02	9.36E+01	1.48E+02	1.06	0.1731	0.89	0.14		0
S	58.6		88	247	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	247	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	247	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	247	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	247	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	247	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	247	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	247	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	247	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	247	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	247	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	247	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	247	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	247	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	247	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	247	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	247	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	247	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	247	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	247	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	247	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	247	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	247	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	247	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	247	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	247	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	247	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	247	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	247	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	70.8		117	247	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	247	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	247	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	247	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	247	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	247	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	247	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	247	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	247	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	247	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	247	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	247	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	247	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	247	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	247	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	247	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	247	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	247	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	247	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	247	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	247	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	247	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	247	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	247	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	247	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	247	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	247	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	247	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	247	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	247	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	247	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	247	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	247	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	247	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	247	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	247	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	247	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	247	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	247	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	247	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	247	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	247	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	247	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	247	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	247	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	247	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	247	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	247	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	247	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	247	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	46.9		167	247	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	247	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	247	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	247	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	247	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	247	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	247	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	247	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	63.0	6/19/2002	22	291			4.98E+02	3.34	0.5454	2.79	0.15		0
WC	68.1	6/19/2002	24	291			4.24E+02	1.82	0.2972	1.52	0.23		0
WC	70.8	6/19/2002	25	291			3.92E+02	1.67	0.2727	1.40	0.23		0
WC	75.1	6/19/2002	32	291			5.95E+02	1.27	0.2074	1.06	0.47		0
WC	80.0	6/19/2002	34	291			2.89E+02	0.74	0.1207	0.62	0.39		0
WC	84.8	6/19/2002	38	291			4.98E+02	0.76	0.1241	0.64	0.66		0
WC	87.0	6/19/2002	42	291			2.82E+02	0.67	0.1088	0.56	0.42		0
WC	95.5	6/19/2002	48	291			4.58E+02	0.98	0.1602	0.82	0.47		0
WC	99.4	6/19/2002	51	291			6.10E+02	1.95	0.3184	1.63	0.31		0
WC	101.6	6/19/2002	52	291			4.44E+02	0.83	0.1357	0.70	0.53		0
WC	105.4	6/19/2002	56	291			2.85E+02	2.11	0.3446	1.77	0.14		0
WC	111.5	6/19/2002	60	291			3.18E+02	1.59	0.2596	1.33	0.20		0
WC	118.6	6/19/2002	66	291			4.35E+02	1.78	0.2907	1.49	0.24		0
WC	122.6	6/19/2002	69	291			1.37E+02	0.90	0.1463	0.75	0.15		0
WC	130.6	6/19/2002	74	291			1.14E+02	1.06	0.1731	0.89	0.11		0
S	58.6		88	291	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	291	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	291	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	291	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	291	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	291	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	291	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	291	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	291	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	291	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	291	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	291	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	291	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	291	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	291	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	291	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	291	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	291	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	291	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	291	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	291	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	291	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	291	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	291	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	291	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	291	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	291	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	70.8		115	291	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	291	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	291	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	291	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	291	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	291	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	291	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	291	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	291	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	291	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	291	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	291	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	291	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	291	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	291	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	291	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	291	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	291	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	291	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	291	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	291	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	291	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	291	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	291	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	291	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	291	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	291	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	291	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	291	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	291	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	291	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	291	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	291	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	291	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	291	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	291	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	291	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	291	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	291	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	291	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	291	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	291	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	291	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	291	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	291	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	291	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	291	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	291	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	291	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	291	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	53.4		165	291	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	291	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	291	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	291	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	291	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	291	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	291	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	291	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	291	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	291	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	48.3	8/5/2002	2	338				0.86	0.1396	0.72	0.00		0
WC	54.9	8/5/2002	12	338				0.93	0.1512	0.77	0.00		0
WC	45.0	8/5/2002	17	338				0.73	0.1187	0.61	0.00		0
WC	60.4	8/5/2002	20	338				0.99	0.1613	0.83	0.00		0
WC	35.8	8/5/2002	82	338				1.11	0.1813	0.93	0.00		0
S	58.6		88	338	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	338	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	338	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	338	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	338	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	338	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	338	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	338	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	338	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	338	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	338	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	338	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	338	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	338	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	338	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	338	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	338	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	338	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	338	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	338	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	338	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	338	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	338	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	338	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	338	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	338	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	338	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	338	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	338	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	338	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	338	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	338	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	338	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	338	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	338	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	82.2		123	338	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	338	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	338	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	338	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	338	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	338	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	338	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	338	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	338	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	338	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	338	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	338	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	338	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	338	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	338	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	338	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	338	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	338	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	338	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	338	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	338	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	338	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	338	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	338	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	338	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	338	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	338	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	338	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	338	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	338	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	338	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	338	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	338	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	338	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	338	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	338	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	338	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	338	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	338	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	338	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	338	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	338	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	338	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	338	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	338	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	338	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	338	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	338	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	338	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	338	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	13.5		173	338	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	338	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	48.3	8/19/2002	2	356	2.15E+02	1.57E+02	5.84E+01	0.82	0.1337	0.69	0.07		0
WC	54.9	8/19/2002	12	356	2.45E+02	1.30E+02	1.15E+02	1.17	0.1911	0.98	0.10		0
WC	45.0	8/19/2002	17	356				0.57	0.0926	0.47	0.00		0
WC	60.4	8/19/2002	20	356				1.95	0.3184	1.63	0.00		0
WC	35.8	8/19/2002	82	356	2.08E+02	1.30E+02	7.87E+01	0.94	0.1535	0.79	0.08		0
S	58.6		88	356	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	356	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	356	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	356	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	356	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	356	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	356	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	356	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	356	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	356	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	356	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	356	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	356	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	356	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	356	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	356	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	356	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	356	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	356	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	356	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	356	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	356	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	356	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	356	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	356	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	356	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	356	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	356	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	356	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	356	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	356	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	356	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	356	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	356	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	356	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	356	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	356	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	356	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	356	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	356	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	356	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	356	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	356	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	92.3		131	356	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	356	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	356	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	356	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	356	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	356	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	356	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	356	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	356	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	356	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	356	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	356	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	356	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	356	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	356	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	356	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	356	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	356	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	356	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	356	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	356	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	356	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	356	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	356	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	356	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	356	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	356	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	356	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	356	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	356	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	356	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	356	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	356	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	356	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	356	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	356	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	356	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	356	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	356	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	356	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	356	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	356	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	356	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	356	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	48.3	9/3/2002	2	367	1.50E+02	1.09E+02	4.18E+01	0.65	0.1057	0.54	0.06		0
WC	54.9	9/3/2002	12	367	2.17E+02	1.37E+02	8.04E+01	0.86	0.1398	0.72	0.09		0
WC	35.8	9/3/2002	82	367	1.07E+02	7.28E+01	3.45E+01	0.54	0.0874	0.45	0.06		0
S	58.6		88	367	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	367	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	367	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	58.6		91	367	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	367	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	367	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	367	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	367	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	367	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	367	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	367	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	367	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	367	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	367	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	367	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	367	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	367	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	367	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	367	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	367	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	367	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	367	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	367	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	367	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	367	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	367	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	367	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	367	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	367	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	367	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	367	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	367	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	367	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	367	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	367	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	367	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	367	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	367	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	367	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	367	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	367	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	367	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	367	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	367	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	367	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	367	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	367	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	367	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	367	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	367	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	367	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	367	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	367	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	101.6		141	367	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	367	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	367	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	367	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	367	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	367	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	367	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	367	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	367	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	367	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	367	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	367	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	367	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	367	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	367	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	367	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	367	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	367	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	367	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	367	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	367	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	367	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	367	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	367	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	367	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	367	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	367	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	367	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	367	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	367	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	367	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	367	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	367	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	367	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	48.3	9/23/2002	2	387	6.78E+02	3.74E+02	3.04E+02	0.85	0.1388	0.71	0.36		0
WC	54.9	9/23/2002	12	387	5.45E+02	1.71E+02	3.74E+02	1.90	0.3103	1.59	0.20		0
WC	35.8	9/23/2002	82	387	2.51E+02	1.91E+02	5.97E+01	0.51	0.0825	0.42	0.12		0
WC	28.7	9/23/2002	83	387	5.40E+02	3.10E+02	2.30E+02	0.95	0.1548	0.79	0.24		0
WC	18.6	9/23/2002	84	387	1.08E+02	6.08E+01	4.68E+01	1.15	0.1878	0.96	0.04		0
WC	8.0	9/23/2002	85	387	8.73E+01	6.36E+01	2.37E+01	0.54	0.0885	0.45	0.04		0
S	58.6		88	387	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	387	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	387	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	387	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	387	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	387	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	387	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	387	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	387	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	387	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	51.9		98	387	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	387	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	387	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	387	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	387	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	387	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	387	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	387	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	387	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	387	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	387	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	387	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	387	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	387	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	387	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	387	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	387	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	387	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	387	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	387	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	387	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	387	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	387	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	387	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	387	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	387	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	387	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	387	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	387	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	387	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	387	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	387	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	387	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	387	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	387	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	387	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	387	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	387	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	387	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	387	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	387	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	387	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	387	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	387	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	387	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	387	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	387	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	387	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	387	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	387	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	111.5		148	387	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	387	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	387	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	387	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	387	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	387	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	387	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	387	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	387	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	387	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	387	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	387	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	387	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	387	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	387	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	387	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	387	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	387	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	387	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	387	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	387	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	387	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	387	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	387	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	387	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	387	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	387	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	63.0	10/8/2002	22	402	3.61E+02	2.26E+02	1.34E+02	1.88	0.3070	1.57	0.07		0
WC	68.1	10/8/2002	24	402	4.40E+02	3.02E+02	1.38E+02	2.11	0.3446	1.77	0.07		0
WC	70.8	10/8/2002	25	402	6.42E+02	3.71E+02	2.70E+02	2.25	0.3674	1.88	0.12		0
WC	75.1	10/8/2002	32	402	5.39E+02	3.81E+02	1.58E+02	2.30	0.3756	1.92	0.07		0
WC	80.0	10/8/2002	34	402	9.26E+02	6.48E+02	2.78E+02	1.82	0.2972	1.52	0.15		0
WC	84.8	10/8/2002	38	402	1.38E+03	9.43E+02	4.36E+02	1.69	0.2760	1.41	0.26		0
WC	87.0	10/8/2002	42	402	1.06E+03	6.01E+02	4.58E+02	2.22	0.3625	1.86	0.21		0
WC	95.5	10/8/2002	48	402	1.49E+03	8.31E+02	6.59E+02	1.52	0.2482	1.27	0.43		0
WC	99.4	10/8/2002	51	402	1.57E+03	9.21E+02	6.53E+02	1.83	0.2988	1.53	0.36		0
WC	101.6	10/8/2002	52	402	1.42E+03	7.53E+02	6.68E+02	1.64	0.2678	1.37	0.41		0
WC	105.4	10/8/2002	56	402	1.41E+03	5.77E+02	8.34E+02	1.86	0.3037	1.56	0.45		0
WC	111.5	10/8/2002	60	402	1.05E+03	4.54E+02	5.92E+02	1.46	0.2384	1.22	0.41		0
WC	118.6	10/8/2002	66	402	7.50E+02	4.58E+02	2.92E+02	1.29	0.2107	1.08	0.23		0
WC	122.6	10/8/2002	69	402	5.36E+02	2.92E+02	2.43E+02	1.14	0.1862	0.95	0.21		0
WC	130.6	10/8/2002	74	402	1.41E+02	1.14E+02	2.66E+01	0.47	0.0759	0.39	0.06		0
S	58.6		88	402	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	402	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	402	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	402	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	402	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	402	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	402	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	402	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	58.6		96	402	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	402	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	402	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	402	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	402	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	402	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	402	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	402	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	402	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	402	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	402	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	402	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	402	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	402	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	402	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	402	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	402	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	402	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	402	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	402	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	402	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	402	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	402	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	402	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	402	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	402	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	402	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	402	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	402	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	402	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	402	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	402	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	402	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	402	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	402	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	402	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	402	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	402	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	402	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	402	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	402	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	402	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	402	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	402	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	402	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	402	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	402	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	402	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	402	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	402	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	109.5		146	402	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	402	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	402	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	402	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	402	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	402	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	402	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	402	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	402	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	402	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	402	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	402	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	402	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	402	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	402	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	402	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	402	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	402	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	402	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	402	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	402	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	402	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	402	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	402	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	402	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	402	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	402	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	402	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	402	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	48.3	11/21/2002	2	446				1.42	0.2319	1.19	0.00		0
WC	54.9	11/21/2002	12	446				2.33	0.3805	1.95	0.00		0
WC	35.8	11/21/2002	82	446				0.78	0.1272	0.65	0.00		0
WC	28.7	11/21/2002	83	446				0.84	0.1372	0.70	0.00		0
WC	18.6	11/21/2002	84	446				0.82	0.1337	0.69	0.00		0
WC	8.0	11/21/2002	85	446				0.84	0.1375	0.70	0.00		0
S	58.6		88	446	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	446	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	446	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	446	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	446	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	446	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	446	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	446	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	446	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	446	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	446	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	446	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	446	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	446	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	446	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	58.6		103	446	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	446	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	446	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	446	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	446	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	446	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	446	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	446	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	446	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	446	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	446	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	446	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	446	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	446	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	446	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	446	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	446	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	446	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	446	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	446	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	446	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	446	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	446	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	446	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	446	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	446	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	446	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	446	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	446	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	446	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	446	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	446	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	446	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	446	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	446	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	446	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	446	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	446	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	446	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	446	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	446	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	446	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	446	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	446	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	446	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	446	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	446	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	446	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	446	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	446	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	118.6		153	446	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	446	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	446	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	446	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	446	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	446	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	446	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	446	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	446	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	446	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	446	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	446	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	446	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	446	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	446	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	446	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	446	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	446	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	446	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	446	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	446	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	446	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	8	3/10/2003	85	555				0.78	0.1599	0.62	0.00		0
WC	18.6	3/10/2003	84	555				1.67	0.3410	1.33	0.00		0
WC	28.7	3/10/2003	83	555				2.67	0.5452	2.12	0.00		0
WC	28.7	3/10/2003	83	555				2.79	0.5697	2.22	0.00		0
WC	35.8	3/10/2003	82	555				2.65	0.5411	2.11	0.00		0
WC	45	3/10/2003	17	555				1.99	0.4064	1.58	0.00		0
WC	48.3	3/10/2003	2	555				2.33	0.4758	1.85	0.00		0
WC	54.9	3/10/2003	12	555				1.77	0.3614	1.41	0.00		0
S	58.6		88	555	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	555	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	555	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	555	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	555	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	555	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	555	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	555	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	555	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	555	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	555	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	555	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	555	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	555	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	555	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	555	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	555	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	555	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05
S	60.2		106	555	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	555	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	60.6		108	555	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	555	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	555	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	555	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	555	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	555	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	555	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	555	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	555	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	555	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	555	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	555	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	555	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	555	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	555	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	555	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	555	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	555	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	555	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	555	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	555	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	555	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	555	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	555	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	555	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	555	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	555	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	555	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	555	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	555	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	555	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	555	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	555	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	555	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	555	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	555	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	555	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	555	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	555	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	555	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	555	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	555	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	555	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	555	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	555	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	555	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	555	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	555	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05
S	122.6		156	555	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	555	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	127.3		158	555	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	555	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	555	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	555	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	555	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	555	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	555	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	555	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	555	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	555	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	555	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	555	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	555	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	555	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	555	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	555	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	555	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06
WC	63.0	3/19/2003	22	564	1.05E+03	6.46E+02	4.00E+02	4.52	0.9230	3.60	0.09		0
WC	68.1	3/19/2003	24	564	6.69E+02	4.60E+02	2.09E+02	1.90	0.3880	1.51	0.11		0
WC	70.8	3/19/2003	25	564	7.20E+02	5.98E+02	1.23E+02	1.78	0.3635	1.42	0.07		0
WC	75.1	3/19/2003	32	564	6.21E+02	5.26E+02	9.49E+01	1.06	0.2165	0.84	0.09		0
WC	80.0	3/19/2003	34	564	5.40E+02	4.61E+02	7.94E+01	1.00	0.2038	0.79	0.08		0
WC	84.8	3/19/2003	38	564	7.73E+02	4.65E+02	3.07E+02	1.85	0.3778	1.47	0.17		0
WC	87.0	3/19/2003	42	564	5.95E+02	4.49E+02	1.46E+02	1.12	0.2287	0.89	0.13		0
WC	95.5	3/19/2003	48	564	5.19E+02	4.19E+02	1.00E+02	1.39	0.2838	1.11	0.07		0
WC	99.4	3/19/2003	51	564	4.22E+02	2.49E+02	1.73E+02	0.92	0.1879	0.73	0.19		0
WC	101.6	3/19/2003	52	564	4.26E+02	2.73E+02	1.53E+02	0.80	0.1623	0.63	0.19		0
WC	105.4	3/19/2003	56	564	3.97E+02	2.48E+02	1.49E+02	0.98	0.1993	0.78	0.15		0
WC	111.5	3/19/2003	60	564	2.90E+02	2.00E+02	9.00E+01	0.95	0.1934	0.75	0.10		0
WC	118.6	3/19/2003	66	564	1.48E+02	1.23E+02	2.57E+01	0.71	0.1450	0.57	0.04		0
WC	122.6	3/19/2003	69	564	1.67E+02	1.25E+02	4.19E+01	0.89	0.1817	0.71	0.05		0
WC	130.6	3/19/2003	74	564	9.26E+01	8.09E+01	1.16E+01	1.65	0.3369	1.31	0.01		0
S	58.6		88	564	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	48.3		89	564	3.04E+06		3.04E+06	10,892.00	0.00	10,892.00	0.28		1.0245E+06
S	58.6		90	564	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		91	564	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		92	564	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		93	564	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		94	564	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		95	564	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		96	564	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		97	564	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	51.9		98	564	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	54.9		99	564	3.04E+06		3.04E+06	11,180.01	0.00	11,180.01	0.27		9.1801E+05
S	58.6		100	564	3.04E+06		3.04E+06	11,869.06	0.00	11,869.06	0.26		9.1415E+05
S	58.6		101	564	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		102	564	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	58.6		103	564	3.04E+06		3.04E+06	11,168.68	0.00	11,168.68	0.27		9.3450E+05
S	45.0		104	564	2.88E+05		2.88E+05	9,063.18	0.00	9,063.18	0.03		1.1289E+06
S	60.2		105	564	3.04E+06		3.04E+06	11,389.53	0.00	11,389.53	0.27		8.6542E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	60.2		106	564	3.04E+06		3.04E+06	11,845.61	0.00	11,845.61	0.26		8.6657E+05
S	60.6		107	564	3.04E+06		3.04E+06	12,998.04	0.00	12,998.04	0.23		8.4786E+05
S	60.6		108	564	3.04E+06		3.04E+06	12,344.60	0.00	12,344.60	0.25		8.6812E+05
S	63.0		109	564	3.04E+06		3.04E+06	12,621.97	0.00	12,621.97	0.24		8.5174E+05
S	65.5		110	564	3.04E+06		3.04E+06	12,143.39	0.00	12,143.39	0.25		8.6087E+05
S	68.1		111	564	3.04E+06		3.04E+06	11,755.57	0.00	11,755.57	0.26		8.5158E+05
S	70.8		112	564	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		113	564	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		114	564	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		115	564	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		116	564	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	70.8		117	564	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	72.2		118	564	3.04E+06		3.04E+06	11,204.84	0.00	11,204.84	0.27		8.9707E+05
S	75.1		119	564	3.04E+06		3.04E+06	11,649.16	0.00	11,649.16	0.26		9.0117E+05
S	77.3		120	564	3.04E+06		3.04E+06	11,934.28	0.00	11,934.28	0.25		8.8860E+05
S	80.0		121	564	1.19E+07		1.19E+07	12,578.06	0.00	12,578.06	0.95		8.8914E+05
S	82.2		122	564	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	82.2		123	564	1.19E+07		1.19E+07	13,356.99	0.00	13,356.99	0.89		9.6366E+05
S	82.2		124	564	1.19E+07		1.19E+07	12,334.02	0.00	12,334.02	0.97		9.0497E+05
S	84.8		125	564	1.19E+07		1.19E+07	14,507.22	0.00	14,507.22	0.82		9.8221E+05
S	86.5		126	564	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	86.5		127	564	1.19E+07		1.19E+07	14,301.37	0.00	14,301.37	0.83		1.0114E+06
S	87.7		128	564	1.19E+07		1.19E+07	18,678.39	0.00	18,678.39	0.64		1.0293E+06
S	87.0		129	564	1.19E+07		1.19E+07	16,470.85	0.00	16,470.85	0.72		1.0026E+06
S	89.7		130	564	1.19E+07		1.19E+07	17,919.89	0.00	17,919.89	0.67		1.0326E+06
S	92.3		131	564	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		132	564	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		133	564	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	92.3		134	564	1.19E+07		1.19E+07	21,350.76	0.00	21,350.76	0.56		9.9724E+05
S	95.5		135	564	1.19E+07		1.19E+07	20,987.36	0.00	20,987.36	0.57		9.8712E+05
S	96.9		136	564	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	96.9		137	564	3.55E+07		3.55E+07	21,334.84	0.00	21,334.84	1.66		9.9279E+05
S	99.4		138	564	3.55E+07		3.55E+07	21,242.70	0.00	21,242.70	1.67		9.9437E+05
S	101.6		139	564	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		140	564	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	101.6		141	564	3.55E+07		3.55E+07	21,316.92	0.00	21,316.92	1.66		9.7337E+05
S	104.0		142	564	3.55E+07		3.55E+07	19,238.58	0.00	19,238.58	1.84		9.1394E+05
S	105.4		143	564	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	105.4		144	564	3.55E+07		3.55E+07	18,624.93	0.00	18,624.93	1.90		8.7407E+05
S	107.8		145	564	3.55E+07		3.55E+07	19,077.92	0.00	19,077.92	1.86		8.4959E+05
S	109.5		146	564	1.60E+07		1.60E+07	19,119.45	0.00	19,119.45	0.84		8.4199E+05
S	111.5		147	564	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	111.5		148	564	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	113.2		149	564	1.60E+07		1.60E+07	17,418.96	0.00	17,418.96	0.92		8.6027E+05
S	115.0		150	564	1.60E+07		1.60E+07	18,922.29	0.00	18,922.29	0.84		8.5876E+05
S	116.8		151	564	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	116.8		152	564	1.60E+07		1.60E+07	17,680.45	0.00	17,680.45	0.90		8.4737E+05
S	118.6		153	564	1.60E+07		1.60E+07	18,060.98	0.00	18,060.98	0.88		8.1806E+05
S	118.6		154	564	1.60E+07		1.60E+07	17,990.25	0.00	17,990.25	0.89		8.2906E+05
S	120.7		155	564	1.60E+07		1.60E+07	17,668.91	0.00	17,668.91	0.90		7.8655E+05

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB S - penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS
S	122.6		156	564	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	124.9		157	564	1.60E+07		1.60E+07	16,061.12	0.00	16,061.12	0.99		7.4608E+05
S	127.3		158	564	1.60E+07		1.60E+07	18,371.71	0.00	18,371.71	0.87		8.0366E+05
S	129.0		159	564	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	129.0		160	564	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	130.6		161	564	1.60E+07		1.60E+07	18,633.66	0.00	18,633.66	0.86		8.6040E+05
S	132.0		162	564	1.60E+07		1.60E+07	19,160.40	0.00	19,160.40	0.83		9.0768E+05
S	133.3		163	564	1.60E+07		1.60E+07	19,935.50	0.00	19,935.50	0.80		9.5611E+05
S	50.5		164	564	3.04E+06		3.04E+06	11,640.84	0.00	11,640.84	0.26		9.3010E+05
S	53.4		165	564	3.04E+06		3.04E+06	11,719.53	0.00	11,719.53	0.26		9.2930E+05
S	82.2		166	564	1.19E+07		1.19E+07	14,692.06	0.00	14,692.06	0.81		9.8297E+05
S	46.9		167	564	2.88E+05		2.88E+05	8,381.60	0.00	8,381.60	0.03		1.1564E+06
S	39.6		168	564	2.88E+05		2.88E+05	8,481.00	0.00	8,481.00	0.03		1.1617E+06
S	35.8		169	564	2.88E+05		2.88E+05	8,390.01	0.00	8,390.01	0.03		1.1626E+06
S	28.7		170	564	2.88E+05		2.88E+05	8,169.34	0.00	8,169.34	0.04		1.1816E+06
S	18.6		171	564	2.88E+05		2.88E+05	8,108.72	0.00	8,108.72	0.04		1.2045E+06
S	8.0		172	564	2.88E+05		2.88E+05	8,068.62	0.00	8,068.62	0.04		1.2433E+06
S	13.5		173	564	2.88E+05		2.88E+05	8,182.13	0.00	8,182.13	0.04		1.2239E+06
S	42.6		174	564	2.88E+05		2.88E+05	8,365.19	0.00	8,365.19	0.03		1.1554E+06

Notes:

PCB = polychlorinated biphenyl
WC = water column
S = sediment
penta-CB = penta-chlorinated biphenyls (sum of 33 PCB congeners with 5 chlorine substitutions)
POC = particulate organic carbon
TOC = total organic cabon
BIC = Biotic Carbon derived from observed POC using a calculated mean BIC/ POC value of 0.1633 from observed chlorophyll-a and POC data assuming a carbon to chlorophyll ratio of 40.
c:chl ratio = assumed ratio of carbon to chlorophyll a in phytoplankton
PDC = Particulate Detrital Carbon
Yellow fill indicates observed data.
penta-CB in the WC is the sum of truly dissolved penta-CB and DOC bound penta-CB (XAD fraction-Method 1668a) as well as particulate penta-CB (filter fraction-Method 1668a)
Total dissolved penta-CB = sum of truly dissolved and DOC bound penta-CB in the water column (XAD fraction-Method 1668a)
WC -particulate penta-CB = particulate bound penta-CB in the water column (filter fraction-Method 1668a)

Blue fill indicates Zone median of observed data. The median value of penta-CB by dry weight sediment in each Zone converted to bulk volume (pg/L) for use in the model.
{The penta-CB in the sediment and S-penta-CB are the same. Sediment porewater was not separately evaluated}.
Green fill indicates a 13 bin rolling weighted average of observed data (sediment TOC and ISS).
BIC, PDC, R_1 and R_2 values are derived data that are calculated as shown.
Each column is headed by a descriptor used for this file and the corresponding abbreviation used in the DRBC-Carbon-PCB Model.
All volumes refer to bulk volume.
All results for penta-CB include the same 33 penta-congeners.

Appendix B: DELPCB Model Calibration Targets for Water Column (WC) and Surficial Sediment (S) Segment Ambient Water Quality (c:chl ratio 40)

File	Segment River Mile	Date	Segment	Day	penta-CB WC S pg/L	Total Dissolved penta-CB pg/L	WC - particulate penta-CB S - penta-CB pg/L	WC - POC S - TOC mg/L	Biotic Carbon c:chl ratio = 40 (POC x 0.1633) mg/L	Particulate Detrital Carbon (POC-BIC) mg/L	R_1 wc particulate-penta-CB / wc-POC µg/g	R_2 sediment penta-CB / sediment-TOC µg/g	Inorganic Suspended Solids mg/L
Model			SEG	DAY	TPCB	DDPCB	PPCB	TC	BIC	PDC	R_1 or R_2		ISS