Abram Creek River Mile 4.10 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
7/25/2012 9:05	R-1207240030	Ag	<	0.12	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Ag	<	0.12	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Ag	<	0.12	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Ag	<	0.12	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Ag	<	0.12	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Al		256	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Al		857.9	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Al		335.7	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Al		700.4	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Al		415.9	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Alkalinity		120.7	mg/LCaCO3	EPA-310.2
8/1/2012 9:16	R-1207310012	Alkalinity		105.1	mg/LCaCO3	EPA-310.2
8/8/2012 9:20	R-1208070010	Alkalinity		133.7	mg/LCaCO3	EPA-310.2
8/15/2012 9:00	R-1208140011	Alkalinity		94.4	mg/LCaCO3	EPA-310.2
8/22/2012 9:00	R-1208210004	Alkalinity		136.6	mg/LCaCO3	EPA-310.2
7/25/2012 9:05	R-1207240030	As		2.51	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	As		2.03	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	As	j	1.965	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	As	j	1.33	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	As	j	0.8	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Ba		51.5	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Ba		48.24	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Ba		56.61	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Ba		43.33	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Ba		55.7	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Be	<	0.12	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Be	<	0.12	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Be	<	0.12	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Be	<	0.12	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Be	<	0.12	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	BOD		3.2	mg/L	SM 5210
8/1/2012 9:16	R-1207310012	BOD		4.5	mg/L	SM 5210
8/8/2012 9:20	R-1208070010	BOD		4.4	mg/L	SM 5210
8/15/2012 9:00	R-1208140011	BOD		3.8	mg/L	SM 5210
8/22/2012 9:00	R-1208210004	BOD		2.6	mg/L	SM 5210
7/25/2012 9:05	R-1207240030	Ca		59040	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Ca		54280	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Ca		64920	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Ca		44660	ug/L	EPA-200.7

Abram Creek River Mile 4.10 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/22/2012 9:00	R-1208210004	Ca		55780	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	CaCO3		208	mg/LCaCO3	EPA-200.7
8/1/2012 9:16	R-1207310012	CaCO3		181	mg/LCaCO3	EPA-200.7
8/8/2012 9:20	R-1208070010	CaCO3		224	mg/LCaCO3	EPA-200.7
8/15/2012 9:00	R-1208140011	CaCO3		153	mg/LCaCO3	EPA-200.7
8/22/2012 9:00	R-1208210004	CaCO3		198	mg/LCaCO3	EPA-200.7
7/25/2012 9:05	R-1207240030	Cd	<	0.02	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Cd	<	0.02	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Cd	j	0.07	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Cd	<	0.02	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Cd	<	0.02	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Chloride		217	mg/L	EPA 300.0
8/1/2012 9:16	R-1207310012	Chloride		157.2	mg/L	EPA 300.0
8/8/2012 9:20	R-1208070010	Chloride		246.5	mg/L	EPA 300.0
8/15/2012 9:00	R-1208140011	Chloride		162.1	mg/L	EPA 300.0
8/22/2012 9:00	R-1208210004	Chloride		230.2	mg/L	EPA 300.0
7/25/2012 9:05	R-1207240030	Co	j	0.49	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Co		1.04	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Co	j	0.565	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Co	j	0.67	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Co	j	0.61	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	COD		36.2	mg/L	EPA 410.4
8/1/2012 9:16	R-1207310012	COD		36.9	mg/L	EPA 410.4
8/8/2012 9:20	R-1208070010	COD		37.4	mg/L	EPA 410.4
8/15/2012 9:00	R-1208140011	COD		29.4	mg/L	EPA 410.4
8/22/2012 9:00	R-1208210004	COD		29.1	mg/L	EPA 410.4
8/1/2012 9:16	R-1207310012	Cr	j	1.59	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Cr	j	1.34	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Cr+6	j	2.847	ug/L	SM 3500-Cr-D
8/15/2012 9:00	R-1208140011	Cr+6	j	2.415	ug/L	SM 3500-Cr-D
7/25/2012 9:05	R-1207240030	Cu		1.85	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Cu		4.58	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Cu		1.73	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Cu		3.95	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Cu		2.085	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	DRPhos		0.024	mg/L	EPA 365.1
8/1/2012 9:16	R-1207310012	DRPhos	j	0.01	mg/L	EPA 365.1

Abram Creek River Mile 4.10 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/8/2012 9:20	R-1208070010	DRPhos		0.026	mg/L	EPA 365.1
8/15/2012 9:00	R-1208140011	DRPhos		0.014	mg/L	EPA 365.1
8/22/2012 9:00	R-1208210004	DRPhos	j	0.008	mg/L	EPA 365.1
7/25/2012 9:05	R-1207240030	E. coli		120	cfu/100mL	EPA 1603
8/1/2012 9:16	R-1207310012	E. coli		280	cfu/100mL	EPA 1603
8/8/2012 9:20	R-1208070010	E. coli		109	cfu/100mL	EPA 1603
8/15/2012 9:00	R-1208140011	E. coli		6400	cfu/100mL	EPA 1603
8/22/2012 9:00	R-1208210004	E. coli		230	cfu/100mL	EPA 1603
7/25/2012 9:05	R-1207240030	Fe		1326	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Fe		2509	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Fe		1302	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Fe		2024	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Fe		1426	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Field Cond		1016	uS/cm	SM 2510A
8/1/2012 9:16	R-1207310012	Field Cond		891	uS/cm	SM 2510A
8/8/2012 9:20	R-1208070010	Field Cond		1242	uS/cm	SM 2510A
8/15/2012 9:00	R-1208140011	Field Cond		708	uS/cm	SM 2510A
8/22/2012 9:00	R-1208210004	Field Cond		1069	uS/cm	SM 2510A
7/25/2012 9:05	R-1207240030	Field DO		4.25	mg/L	SM 4500-0 G
8/1/2012 9:16	R-1207310012	Field DO		3.96	mg/L	SM 4500-0 G
8/8/2012 9:20	R-1208070010	Field DO		3.06	mg/L	SM 4500-0 G
8/15/2012 9:00	R-1208140011	Field DO		6.25	mg/L	SM 4500-0 G
8/22/2012 9:00	R-1208210004	Field DO		3.91	mg/L	SM 4500-0 G
7/25/2012 9:05	R-1207240030	Field Temp		22.3	C	EPA 170.1
8/1/2012 9:16	R-1207310012	Field Temp		24.1	C	EPA 170.1
8/8/2012 9:20	R-1208070010	Field Temp		22.4	C	EPA 170.1
8/15/2012 9:00	R-1208140011	Field Temp		19.4	C	EPA 170.1
8/22/2012 9:00	R-1208210004	Field Temp		18.6	C	EPA 170.1
7/25/2012 9:05	R-1207240030	Hg	<	0.005	ug/L	EPA 245.1
8/1/2012 9:16	R-1207310012	Hg	<	0.005	ug/L	EPA 245.1
8/8/2012 9:20	R-1208070010	Hg	j	0.009	ug/L	EPA 245.1
8/15/2012 9:00	R-1208140011	Hg	<	0.005	ug/L	EPA 245.1
8/22/2012 9:00	R-1208210004	Hg	j	0.005	ug/L	EPA 245.1
7/25/2012 9:05	R-1207240030	K		6995	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	K		6056	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	K		6908	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	K		4891	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	K		5885	ug/L	EPA-200.7

Abram Creek River Mile 4.10 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
7/25/2012 9:05	R-1207240030	Mg		14830	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Mg		11130	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Mg		15210	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Mg		9996	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Mg		14260	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Mn		332.9	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Mn		226.7	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Mn		270	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Mn		192.6	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Mn		221.3	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Mo		12.57	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Mo		9.21	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Mo		10.32	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Mo		6.42	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Mo		9.295	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Na		136900	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Na		96870	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Na		151600	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Na		96080	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Na		144400	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	NH3		0.246	mg/L	EPA-350.1
8/1/2012 9:16	R-1207310012	NH3		0.119	mg/L	EPA-350.1
8/8/2012 9:20	R-1208070010	NH3		0.234	mg/L	EPA-350.1
8/15/2012 9:00	R-1208140011	NH3		0.097	mg/L	EPA-350.1
8/22/2012 9:00	R-1208210004	NH3		0.084	mg/L	EPA-350.1
7/25/2012 9:05	R-1207240030	Ni		2.08	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Ni		3.01	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Ni		2.245	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Ni		2.15	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Ni		2.01	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	NO2	j	0.007	mg/L	SM 4500-NO2-B
8/1/2012 9:16	R-1207310012	NO2	j	0.01	mg/L	SM 4500-NO2-B
8/8/2012 9:20	R-1208070010	NO2	j	0.009	mg/L	SM 4500-NO2-B
8/15/2012 9:00	R-1208140011	NO2		0.037	mg/L	SM 4500-NO2-B
8/22/2012 9:00	R-1208210004	NO2	j	0.007	mg/L	SM 4500-NO2-B
7/25/2012 9:05	R-1207240030	NO3	j	0.008	mg/L	EPA 353.2
8/1/2012 9:16	R-1207310012	NO3	j	0.008	mg/L	EPA 353.2
8/8/2012 9:20	R-1208070010	NO3	j	0.017	mg/L	EPA 353.2
8/15/2012 9:00	R-1208140011	NO3		0.272	mg/L	EPA 353.2

Abram Creek River Mile 4.10 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/22/2012 9:00	R-1208210004	NO3	j	0.008	mg/L	EPA 353.2
7/25/2012 9:05	R-1207240030	NO3+NO2	j	0.015	mg/L	EPA 353.2
8/1/2012 9:16	R-1207310012	NO3+NO2	j	0.018	mg/L	EPA 353.2
8/8/2012 9:20	R-1208070010	NO3+NO2		0.026	mg/L	EPA 353.2
8/15/2012 9:00	R-1208140011	NO3+NO2		0.309	mg/L	EPA 353.2
8/22/2012 9:00	R-1208210004	NO3+NO2	j	0.016	mg/L	EPA 353.2
7/25/2012 9:05	R-1207240030	Pb	j	1.72	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Pb		3.8	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Pb	j	1.355	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Pb	j	2.3	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Pb	j	1.59	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	pH		7.36	S.U.	
8/1/2012 9:16	R-1207310012	pH		7.35	S.U.	
8/8/2012 9:20	R-1208070010	pH		7.23	S.U.	
8/15/2012 9:00	R-1208140011	pH		7.7	S.U.	
8/22/2012 9:00	R-1208210004	pH		7.5	S.U.	
7/25/2012 9:05	R-1207240030	Sb	<	0.61	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Sb	<	0.61	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Sb	<	0.61	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Sb	j	0.93	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Sb	<	0.61	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Se	<	0.63	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Se	<	0.63	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Se	<	0.63	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Se	<	0.63	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Se	j	0.815	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Sn	<	18.4	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Sn	<	18.4	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Sn	<	18.4	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Sn	<	18.4	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Sn	<	18.4	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	SO4		72.63	mg/L	EPA 300.0
8/1/2012 9:16	R-1207310012	SO4		60.54	mg/L	EPA 300.0
8/8/2012 9:20	R-1208070010	SO4		82.82	mg/L	EPA 300.0
8/15/2012 9:00	R-1208140011	SO4		56.4	mg/L	EPA 300.0
8/22/2012 9:00	R-1208210004	SO4		72.5	mg/L	EPA 300.0
7/25/2012 9:05	R-1207240030	TDS		612	mg/L	SM2540C
8/1/2012 9:16	R-1207310012	TDS		506	mg/L	SM2540C

Abram Creek River Mile 4.10 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/8/2012 9:20	R-1208070010	TDS		678	mg/L	SM2540C
8/15/2012 9:00	R-1208140011	TDS		474	mg/L	SM2540C
8/22/2012 9:00	R-1208210004	TDS		654	mg/L	SM2540C
7/25/2012 9:05	R-1207240030	Ti		4.61	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Ti		13.4	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Ti		5.545	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Ti		10.63	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Ti		6.905	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Tl	j	1.24	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Tl	<	1.11	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Tl	j	2.375	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Tl	<	1.11	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Tl	<	1.11	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	TMET		12.3	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	TMET		29	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	TMET		12	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	TMET		24.9	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	TMET		13.9	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Total-P		0.164	mg/L	EPA 365.1
8/1/2012 9:16	R-1207310012	Total-P		0.145	mg/L	EPA 365.1
8/8/2012 9:20	R-1208070010	Total-P		0.147	mg/L	EPA 365.1
8/15/2012 9:00	R-1208140011	Total-P		0.165	mg/L	EPA 365.1
8/22/2012 9:00	R-1208210004	Total-P		0.138	mg/L	EPA 365.1
7/25/2012 9:05	R-1207240030	TS		666	mg/L	SM2540B
8/1/2012 9:16	R-1207310012	TS		564	mg/L	SM2540B
8/8/2012 9:20	R-1208070010	TS		758	mg/L	SM2540B
8/15/2012 9:00	R-1208140011	TS		520	mg/L	SM2540B
8/22/2012 9:00	R-1208210004	TS		716	mg/L	SM2540B
7/25/2012 9:05	R-1207240030	TSS		13.6	mg/L	SM2540D
8/1/2012 9:16	R-1207310012	TSS		36	mg/L	SM2540D
8/8/2012 9:20	R-1208070010	TSS		25	mg/L	SM2540D
8/15/2012 9:00	R-1208140011	TSS		39	mg/L	SM2540D
8/22/2012 9:00	R-1208210004	TSS		26.9	mg/L	SM2540D
7/25/2012 9:05	R-1207240030	Turbidity		21.7	NTU	EPA 180.1
8/1/2012 9:16	R-1207310012	Turbidity		37.6	NTU	EPA 180.1
8/8/2012 9:20	R-1208070010	Turbidity		36.4	NTU	EPA 180.1
8/15/2012 9:00	R-1208140011	Turbidity		38.9	NTU	EPA 180.1
8/22/2012 9:00	R-1208210004	Turbidity		28.05	NTU	EPA 180.1

Abram Creek River Mile 4.10 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
7/25/2012 9:05	R-1207240030	V		1.52	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	V		2.56	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	V		1.245	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	V		2.23	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	V		1.18	ug/L	EPA-200.7
7/25/2012 9:05	R-1207240030	Zn	j	7.87	ug/L	EPA-200.7
8/1/2012 9:16	R-1207310012	Zn		19.83	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070010	Zn	j	7.52	ug/L	EPA-200.7
8/15/2012 9:00	R-1208140011	Zn		17.46	ug/L	EPA-200.7
8/22/2012 9:00	R-1208210004	Zn	j	9.055	ug/L	EPA-200.7

Abram Creek River Mile 0.04 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
7/25/2012 10:00	R-1207240028	Ag	<	0.12	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Ag	<	0.12	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Ag	<	0.12	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Ag	<	0.12	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Ag	<	0.12	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Al		48.78	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Al		62.57	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Al		44.43	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Al		118.2	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Al		53.3	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Alkalinity		159	mg/LCaCO3	EPA-310.2
8/1/2012 11:15	7310010/R-12073	Alkalinity		144.75	mg/LCaCO3	EPA-310.2
8/8/2012 9:20	R-1208070008	Alkalinity		160.6	mg/LCaCO3	EPA-310.2
8/15/2012 11:00	R-1208140009	Alkalinity		118.4	mg/LCaCO3	EPA-310.2
8/22/2012 10:40	R-1208210002	Alkalinity		173.5	mg/LCaCO3	EPA-310.2
7/25/2012 10:00	R-1207240028	As	j	1.74	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	As	j	1.625	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	As	j	1.11	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	As	j	1.02	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	As	j	0.68	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Ba		52.58	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Ba		46.735	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Ba		52.65	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Ba		39.64	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Ba		55.19	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Be	<	0.12	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Be	<	0.12	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Be	<	0.12	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Be	<	0.12	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Be	<	0.12	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	BOD		2.6	mg/L	SM 5210
8/1/2012 11:15	7310010/R-12073	BOD	<	2	mg/L	SM 5210
8/8/2012 9:20	R-1208070008	BOD		2.1	mg/L	SM 5210
8/15/2012 11:00	R-1208140009	BOD		2	mg/L	SM 5210
8/22/2012 10:40	R-1208210002	BOD	<	2	mg/L	SM 5210
7/25/2012 10:00	R-1207240028	Ca		68960	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Ca		64905	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Ca		69040	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Ca		48200	ug/L	EPA-200.7

Abram Creek River Mile 0.04 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/22/2012 10:40	R-1208210002	Ca		59080	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	CaCO3		240	mg/LCaCO3	EPA-200.7
8/1/2012 11:15	7310010/R-12073	CaCO3		217.5	mg/LCaCO3	EPA-200.7
8/8/2012 9:20	R-1208070008	CaCO3		238	mg/LCaCO3	EPA-200.7
8/15/2012 11:00	R-1208140009	CaCO3		164	mg/LCaCO3	EPA-200.7
8/22/2012 10:40	R-1208210002	CaCO3		218	mg/LCaCO3	EPA-200.7
7/25/2012 10:00	R-1207240028	Cd	<	0.02	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Cd	j	0.035	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Cd	j	0.07	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Cd	<	0.02	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Cd	j	0.03	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Chloride		250.1	mg/L	EPA 300.0
8/1/2012 11:15	7310010/R-12073	Chloride		197.9	mg/L	EPA 300.0
8/8/2012 9:20	R-1208070008	Chloride		251.5	mg/L	EPA 300.0
8/15/2012 11:00	R-1208140009	Chloride		175.1	mg/L	EPA 300.0
8/22/2012 10:40	R-1208210002	Chloride		272.5	mg/L	EPA 300.0
7/25/2012 10:00	R-1207240028	Co	j	0.33	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Co	j	0.34	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Co	j	0.3	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Co	j	0.25	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Co	j	0.3	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	COD		19.2	mg/L	EPA 410.4
8/1/2012 11:15	7310010/R-12073	COD		16.6	mg/L	EPA 410.4
8/8/2012 9:20	R-1208070008	COD		11.9	mg/L	EPA 410.4
8/15/2012 11:00	R-1208140009	COD		16.4	mg/L	EPA 410.4
8/22/2012 10:40	R-1208210002	COD		23	mg/L	EPA 410.4
7/25/2012 10:00	R-1207240028	Cr	<	0.25	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Cr+6	<	1	ug/L	SM 3500-Cr-D
7/25/2012 10:00	R-1207240028	Cu		1.7	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Cu		2.695	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Cu		1.87	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Cu		3.89	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Cu		2.66	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	DRPhos		0.023	mg/L	EPA 365.1
8/1/2012 11:15	7310010/R-12073	DRPhos		0.026	mg/L	EPA 365.1
8/8/2012 9:20	R-1208070008	DRPhos		0.031	mg/L	EPA 365.1
8/15/2012 11:00	R-1208140009	DRPhos		0.018	mg/L	EPA 365.1

Abram Creek River Mile 0.04 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/22/2012 10:40	R-1208210002	DRPhos		0.019	mg/L	EPA 365.1
7/25/2012 10:00	R-1207240028	E. coli		73	cfu/100mL	EPA 1603
8/1/2012 11:15	7310010/R-12073	E. coli		74.5	cfu/100mL	EPA 1603
8/8/2012 9:20	R-1208070008	E. coli		57	cfu/100mL	EPA 1603
8/15/2012 11:00	R-1208140009	E. coli		800	cfu/100mL	EPA 1603
8/22/2012 10:40	R-1208210002	E. coli		77	cfu/100mL	EPA 1603
7/25/2012 10:00	R-1207240028	Fe		311.6	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Fe		346.25	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Fe		248.9	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Fe		472.8	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Fe		265.7	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Field Cond		1297	uS/cm	SM 2510A
8/1/2012 11:15	R-1207310010	Field Cond		1066	uS/cm	SM 2510A
8/8/2012 9:20	R-1208070008	Field Cond		1417	uS/cm	SM 2510A
8/15/2012 11:00	R-1208140009	Field Cond		896	uS/cm	SM 2510A
8/22/2012 10:40	R-1208210002	Field Cond		1220	uS/cm	SM 2510A
7/25/2012 10:00	R-1207240028	Field DO		9.6	mg/L	SM 4500-0 G
8/1/2012 11:15	R-1207310010	Field DO		8.83	mg/L	SM 4500-0 G
8/8/2012 9:20	R-1208070008	Field DO		9.72	mg/L	SM 4500-0 G
8/15/2012 11:00	R-1208140009	Field DO		9.8	mg/L	SM 4500-0 G
8/22/2012 10:40	R-1208210002	Field DO		9.2	mg/L	SM 4500-0 G
7/25/2012 10:00	R-1207240028	Field Temp		20.1	C	EPA 170.1
8/1/2012 11:15	R-1207310010	Field Temp		22	C	EPA 170.1
8/8/2012 9:20	R-1208070008	Field Temp		20.9	C	EPA 170.1
8/15/2012 11:00	R-1208140009	Field Temp		19.3	C	EPA 170.1
8/22/2012 10:40	R-1208210002	Field Temp		17	C	EPA 170.1
7/25/2012 10:00	R-1207240028	Hg	<	0.005	ug/L	EPA 245.1
8/1/2012 11:15	7310010/R-12073	Hg	<	0.005	ug/L	EPA 245.1
8/8/2012 9:20	R-1208070008	Hg	j	0.01	ug/L	EPA 245.1
8/15/2012 11:00	R-1208140009	Hg	<	0.005	ug/L	EPA 245.1
8/22/2012 10:40	R-1208210002	Hg	<	0.005	ug/L	EPA 245.1
7/25/2012 10:00	R-1207240028	K		13340	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	K		11515	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	K		15020	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	K		10500	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	K		14050	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Mg		16440	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Mg		13420	ug/L	EPA-200.7

Abram Creek River Mile 0.04 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/8/2012 9:20	R-1208070008	Mg		15990	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Mg		10510	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Mg		17000	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Mn		32.65	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Mn		27.38	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Mn		20.24	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Mn		27.73	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Mn		21.31	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Mo		17.33	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Mo		12.17	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Mo		12.19	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Mo		10.76	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Mo		12.47	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Na		168300	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Na		131000	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Na		160600	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Na		105300	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Na		175600	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	NH3		0.12	mg/L	EPA-350.1
8/1/2012 11:15	7310010/R-12073	NH3		0.122	mg/L	EPA-350.1
8/8/2012 9:20	R-1208070008	NH3		0.11	mg/L	EPA-350.1
8/15/2012 11:00	R-1208140009	NH3		0.027	mg/L	EPA-350.1
8/22/2012 10:40	R-1208210002	NH3		0.049	mg/L	EPA-350.1
7/25/2012 10:00	R-1207240028	Ni		2.17	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Ni	j	2.055	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Ni		2.05	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Ni	j	1.67	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Ni		2.23	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	NO2	j	0.008	mg/L	SM 4500-NO2-B
8/1/2012 11:15	7310010/R-12073	NO2	j	0.018	mg/L	SM 4500-NO2-B
8/8/2012 9:20	R-1208070008	NO2	j	0.017	mg/L	SM 4500-NO2-B
8/15/2012 11:00	R-1208140009	NO2		0.022	mg/L	SM 4500-NO2-B
8/22/2012 10:40	R-1208210002	NO2	j	0.009	mg/L	SM 4500-NO2-B
7/25/2012 10:00	R-1207240028	NO3		0.06	mg/L	EPA 353.2
8/1/2012 11:15	7310010/R-12073	NO3		0.0765	mg/L	EPA 353.2
8/8/2012 9:20	R-1208070008	NO3		0.076	mg/L	EPA 353.2
8/15/2012 11:00	R-1208140009	NO3		0.308	mg/L	EPA 353.2
8/22/2012 10:40	R-1208210002	NO3		0.088	mg/L	EPA 353.2

Abram Creek River Mile 0.04 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
7/25/2012 10:00	R-1207240028	NO3+NO2		0.068	mg/L	EPA 353.2
8/1/2012 11:15	7310010/R-12073	NO3+NO2		0.0935	mg/L	EPA 353.2
8/8/2012 9:20	R-1208070008	NO3+NO2		0.092	mg/L	EPA 353.2
8/15/2012 11:00	R-1208140009	NO3+NO2		0.33	mg/L	EPA 353.2
8/22/2012 10:40	R-1208210002	NO3+NO2		0.097	mg/L	EPA 353.2
7/25/2012 10:00	R-1207240028	Pb	<	0.39	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Pb	<	0.39	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Pb	<	0.39	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Pb	<	0.39	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Pb	<	0.39	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	pH		8.06	S.U.	
8/1/2012 11:15	R-1207310010	pH		8.1	S.U.	
8/8/2012 9:20	R-1208070008	pH		8.13	S.U.	
8/15/2012 11:00	R-1208140009	pH		8	S.U.	
8/22/2012 10:40	R-1208210002	pH		8.14	S.U.	
7/25/2012 10:00	R-1207240028	Sb	<	0.61	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Sb	<	0.61	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Sb	<	0.61	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Sb	j	0.78	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Sb	<	0.61	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Se	j	1.88	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Se	j	1.855	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Se	j	1.12	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Se	j	1.63	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Se	j	2.12	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Sn	<	18.4	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Sn	j	18.55	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Sn	<	18.4	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Sn	<	18.4	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Sn	<	18.4	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	SO4		94.81	mg/L	EPA 300.0
8/1/2012 11:15	7310010/R-12073	SO4		86.95	mg/L	EPA 300.0
8/8/2012 9:20	R-1208070008	SO4		105.3	mg/L	EPA 300.0
8/15/2012 11:00	R-1208140009	SO4		80.14	mg/L	EPA 300.0
8/22/2012 10:40	R-1208210002	SO4		93.96	mg/L	EPA 300.0
7/25/2012 10:00	R-1207240028	TDS		754	mg/L	SM2540C
8/1/2012 11:15	7310010/R-12073	TDS		621	mg/L	SM2540C
8/8/2012 9:20	R-1208070008	TDS		740	mg/L	SM2540C
8/15/2012 11:00	R-1208140009	TDS		534	mg/L	SM2540C

Abram Creek River Mile 0.04 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/22/2012 10:40	R-1208210002	TDS		813	mg/L	SM2540C
7/25/2012 10:00	R-1207240028	Ti	j	0.72	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Ti	j	1.025	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Ti	j	0.68	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Ti	j	1.75	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Ti	j	0.79	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Tl	j	1.62	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Tl	<	1.11	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Tl	<	1.11	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Tl	j	1.12	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Tl	j	1.89	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	TMET	<	10	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	TMET	<	10.4	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	TMET	<	10	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	TMET		12.1	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	TMET		11.4	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Total-P		0.062	mg/L	EPA 365.1
8/1/2012 11:15	7310010/R-12073	Total-P		0.0615	mg/L	EPA 365.1
8/8/2012 9:20	R-1208070008	Total-P		0.056	mg/L	EPA 365.1
8/15/2012 11:00	R-1208140009	Total-P		0.075	mg/L	EPA 365.1
8/22/2012 10:40	R-1208210002	Total-P		0.055	mg/L	EPA 365.1
7/25/2012 10:00	R-1207240028	TS		792	mg/L	SM2540B
8/1/2012 11:15	7310010/R-12073	TS		667	mg/L	SM2540B
8/8/2012 9:20	R-1208070008	TS		796	mg/L	SM2540B
8/15/2012 11:00	R-1208140009	TS		549	mg/L	SM2540B
8/22/2012 10:40	R-1208210002	TS		814	mg/L	SM2540B
7/25/2012 10:00	R-1207240028	TSS		6.6	mg/L	SM2540D
8/1/2012 11:15	7310010/R-12073	TSS		4.65	mg/L	SM2540D
8/8/2012 9:20	R-1208070008	TSS		3.6	mg/L	SM2540D
8/15/2012 11:00	R-1208140009	TSS		8	mg/L	SM2540D
8/22/2012 10:40	R-1208210002	TSS		3.2	mg/L	SM2540D
7/25/2012 10:00	R-1207240028	Turbidity		6.1	NTU	EPA 180.1
8/1/2012 11:15	7310010/R-12073	Turbidity		3.64	NTU	EPA 180.1
8/8/2012 9:20	R-1208070008	Turbidity		3.23	NTU	EPA 180.1
8/15/2012 11:00	R-1208140009	Turbidity		9.92	NTU	EPA 180.1
8/22/2012 10:40	R-1208210002	Turbidity		3.21	NTU	EPA 180.1
7/25/2012 10:00	R-1207240028	V	j	0.47	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	V	j	0.445	ug/L	EPA-200.7

Abram Creek River Mile 0.04 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/8/2012 9:20	R-1208070008	V	j	0.18	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	V		1.13	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	V	<	0.15	ug/L	EPA-200.7
7/25/2012 10:00	R-1207240028	Zn	j	4.61	ug/L	EPA-200.7
8/1/2012 11:15	7310010/R-12073	Zn	j	4.95	ug/L	EPA-200.7
8/8/2012 9:20	R-1208070008	Zn	j	2.52	ug/L	EPA-200.7
8/15/2012 11:00	R-1208140009	Zn	j	6.01	ug/L	EPA-200.7
8/22/2012 10:40	R-1208210002	Zn	j	6.19	ug/L	EPA-200.7

Abram Creek River Mile 3.65 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
7/25/2012 8:50	R-1207240029	Ag	<	0.12	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Ag	<	0.12	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Ag	<	0.12	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Ag	<	0.12	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Ag	<	0.12	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Al		287.6	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Al		261.8	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Al		2587	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Al		484.5	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Alkalinity		115.7	mg/LCaCO3	EPA-310.2
8/1/2012 9:45	R-1207310011	Alkalinity		106.8	mg/LCaCO3	EPA-310.2
8/8/2012 9:40	R-1208070009	Alkalinity		128.9	mg/LCaCO3	EPA-310.2
8/15/2012 9:27	R-1208140010	Alkalinity		94.8	mg/LCaCO3	EPA-310.2
8/22/2012 9:26	8210003/R-12082	Alkalinity		132.85	mg/LCaCO3	EPA-310.2
7/25/2012 8:50	R-1207240029	As	j	1.665	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	As		2.1	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	As		4.05	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	As	j	1.08	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	As	j	1.08	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Ba		48.1	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Ba		43.96	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Ba		75.36	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Ba		41.73	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Ba		55.225	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Be	<	0.12	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Be	<	0.12	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Be	j	0.15	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Be	<	0.12	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Be	<	0.12	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	BOD		3.4	mg/L	SM 5210
8/1/2012 9:45	R-1207310011	BOD		3.7	mg/L	SM 5210
8/8/2012 9:40	R-1208070009	BOD		4.3	mg/L	SM 5210
8/15/2012 9:27	R-1208140010	BOD		4.3	mg/L	SM 5210
8/22/2012 9:26	8210003/R-12082	BOD		4.05	mg/L	SM 5210
7/25/2012 8:50	R-1207240029	Ca		60940	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Ca		56020	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Ca		68610	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Ca		45610	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Ca		55470	ug/L	EPA-200.7

Abram Creek River Mile 3.65 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
7/25/2012 8:50	R-1207240029	CaCO3		210	mg/LCaCO3	EPA-200.7
8/1/2012 9:45	R-1207310011	CaCO3		183	mg/LCaCO3	EPA-200.7
8/8/2012 9:40	R-1208070009	CaCO3		242	mg/LCaCO3	EPA-200.7
8/15/2012 9:27	R-1208140010	CaCO3		155	mg/LCaCO3	EPA-200.7
8/22/2012 9:26	8210003/R-12082	CaCO3		197	mg/LCaCO3	EPA-200.7
7/25/2012 8:50	R-1207240029	Cd	<	0.02	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Cd	<	0.02	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Cd	j	0.21	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Cd	<	0.02	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Cd	<	0.02	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Chloride		230.4	mg/L	EPA 300.0
8/1/2012 9:45	R-1207310011	Chloride		155.6	mg/L	EPA 300.0
8/8/2012 9:40	R-1208070009	Chloride		252.2	mg/L	EPA 300.0
8/15/2012 9:27	R-1208140010	Chloride		166.3	mg/L	EPA 300.0
8/22/2012 9:26	8210003/R-12082	Chloride		227.6	mg/L	EPA 300.0
7/25/2012 8:50	R-1207240029	Co	j	0.595	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Co	j	0.54	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Co		2.75	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Co	j	0.48	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Co	j	0.85	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	COD		28.7	mg/L	EPA 410.4
8/1/2012 9:45	R-1207310011	COD		27.2	mg/L	EPA 410.4
8/8/2012 9:40	R-1208070009	COD		53	mg/L	EPA 410.4
8/15/2012 9:27	R-1208140010	COD		27	mg/L	EPA 410.4
8/22/2012 9:26	8210003/R-12082	COD		34.15	mg/L	EPA 410.4
8/8/2012 9:40	R-1208070009	Cr		4.66	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Cr	j	1.195	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Cr+6	j	2.97	ug/L	SM 3500-Cr-D
8/22/2012 9:26	8210003/R-12082	Cr+6	j	2.6805	ug/L	SM 3500-Cr-D
7/25/2012 8:50	R-1207240029	Cu		1.365	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Cu		1.85	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Cu		11.03	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Cu		2.97	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Cu		3.115	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	DRPhos		0.053	mg/L	EPA 365.1
8/1/2012 9:45	R-1207310011	DRPhos		0.022	mg/L	EPA 365.1
8/8/2012 9:40	R-1208070009	DRPhos		0.038	mg/L	EPA 365.1

Abram Creek River Mile 3.65 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/15/2012 9:27	R-1208140010	DRPhos		0.022	mg/L	EPA 365.1
8/22/2012 9:26	8210003/R-12082	DRPhos		0.0165	mg/L	EPA 365.1
7/25/2012 8:50	R-1207240029	E. coli		1867	cfu/100mL	EPA 1603
8/1/2012 9:45	R-1207310011	E. coli		700	cfu/100mL	EPA 1603
8/8/2012 9:40	R-1208070009	E. coli		175	cfu/100mL	EPA 1603
8/15/2012 9:27	R-1208140010	E. coli		6600	cfu/100mL	EPA 1603
8/22/2012 9:26	8210003/R-12082	E. coli		230	cfu/100mL	EPA 1603
7/25/2012 8:50	R-1207240029	Fe		1150	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Fe		1149	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Fe		5752	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Fe		1580	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Field Cond		1086	uS/cm	SM 2510A
8/1/2012 9:45	R-1207310011	Field Cond		884	uS/cm	SM 2510A
8/8/2012 9:40	R-1208070009	Field Cond		1336	uS/cm	SM 2510A
8/15/2012 9:27	R-1208140010	Field Cond		720	uS/cm	SM 2510A
8/22/2012 9:26	R-1208210003	Field Cond		1075	uS/cm	SM 2510A
7/25/2012 8:50	R-1207240029	Field DO		4.2	mg/L	SM 4500-0 G
8/1/2012 9:45	R-1207310011	Field DO		4.73	mg/L	SM 4500-0 G
8/8/2012 9:40	R-1208070009	Field DO		3.32	mg/L	SM 4500-0 G
8/15/2012 9:27	R-1208140010	Field DO		4.96	mg/L	SM 4500-0 G
8/22/2012 9:26	R-1208210003	Field DO		4.23	mg/L	SM 4500-0 G
7/25/2012 8:50	R-1207240029	Field Temp		22.8	C	EPA 170.1
8/1/2012 9:45	R-1207310011	Field Temp		24	C	EPA 170.1
8/8/2012 9:40	R-1208070009	Field Temp		22.7	C	EPA 170.1
8/15/2012 9:27	R-1208140010	Field Temp		19.5	C	EPA 170.1
8/22/2012 9:26	R-1208210003	Field Temp		18.8	C	EPA 170.1
7/25/2012 8:50	R-1207240029	Hg	<	0.005	ug/L	EPA 245.1
8/1/2012 9:45	R-1207310011	Hg	<	0.005	ug/L	EPA 245.1
8/8/2012 9:40	R-1208070009	Hg	j	0.018	ug/L	EPA 245.1
8/15/2012 9:27	R-1208140010	Hg	<	0.005	ug/L	EPA 245.1
8/22/2012 9:26	8210003/R-12082	Hg	<	0.005	ug/L	EPA 245.1
7/25/2012 8:50	R-1207240029	K		6698	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	K		5466	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	K		7578	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	K		4777	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	K		5874.5	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Mg		14120	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Mg		10470	ug/L	EPA-200.7

Abram Creek River Mile 3.65 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/8/2012 9:40	R-1208070009	Mg		17280	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Mg		9946	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Mg		14250	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Mn		333	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Mn		193.2	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Mn		388.4	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Mn		172.9	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Mn		232.5	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Mo		13.32	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Mo		9.49	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Mo		9.55	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Mo		6.52	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Mo		9.33	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Na		135500	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Na		91500	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Na		155500	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Na		97850	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Na		146300	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	NH3		0.416	mg/L	EPA-350.1
8/1/2012 9:45	R-1207310011	NH3		0.218	mg/L	EPA-350.1
8/8/2012 9:40	R-1208070009	NH3		0.335	mg/L	EPA-350.1
8/15/2012 9:27	R-1208140010	NH3		0.12	mg/L	EPA-350.1
8/22/2012 9:26	8210003/R-12082	NH3		0.142	mg/L	EPA-350.1
7/25/2012 8:50	R-1207240029	Ni	j	1.9	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Ni	j	1.87	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Ni		6.96	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Ni	j	1.74	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Ni		2.545	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	NO2	j	0.018	mg/L	SM 4500-NO2-B
8/1/2012 9:45	R-1207310011	NO2	j	0.017	mg/L	SM 4500-NO2-B
8/8/2012 9:40	R-1208070009	NO2		0.034	mg/L	SM 4500-NO2-B
8/15/2012 9:27	R-1208140010	NO2		0.036	mg/L	SM 4500-NO2-B
8/22/2012 9:26	8210003/R-12082	NO2	j	0.0135	mg/L	SM 4500-NO2-B
7/25/2012 8:50	R-1207240029	NO3		0.047	mg/L	EPA 353.2
8/1/2012 9:45	R-1207310011	NO3		0.053	mg/L	EPA 353.2
8/8/2012 9:40	R-1208070009	NO3		0.05	mg/L	EPA 353.2
8/15/2012 9:27	R-1208140010	NO3		0.27	mg/L	EPA 353.2
8/22/2012 9:26	8210003/R-12082	NO3		0.0545	mg/L	EPA 353.2

Abram Creek River Mile 3.65 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
7/25/2012 8:50	R-1207240029	NO3+NO2		0.065	mg/L	EPA 353.2
8/1/2012 9:45	R-1207310011	NO3+NO2		0.07	mg/L	EPA 353.2
8/8/2012 9:40	R-1208070009	NO3+NO2		0.084	mg/L	EPA 353.2
8/15/2012 9:27	R-1208140010	NO3+NO2		0.306	mg/L	EPA 353.2
8/22/2012 9:26	8210003/R-12082	NO3+NO2		0.068	mg/L	EPA 353.2
7/25/2012 8:50	R-1207240029	Pb	j	0.825	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Pb	j	1.53	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Pb		8.12	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Pb	j	1.66	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Pb	j	2.27	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	pH		7.41	S.U.	
8/1/2012 9:45	R-1207310011	pH		7.45	S.U.	
8/8/2012 9:40	R-1208070009	pH		7.36	S.U.	
8/15/2012 9:27	R-1208140010	pH		7.21	S.U.	
8/22/2012 9:26	R-1208210003	pH		7.47	S.U.	
7/25/2012 8:50	R-1207240029	Sb	<	0.61	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Sb	<	0.61	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Sb	<	0.61	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Sb	j	0.78	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Sb	<	0.61	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Se	<	0.63	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Se	<	0.63	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Se	<	0.63	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Se	<	0.63	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Se	j	0.845	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Sn	<	18.4	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Sn	j	19.07	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Sn	<	18.4	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Sn	<	18.4	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Sn	<	18.4	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	SO4		74.73	mg/L	EPA 300.0
8/1/2012 9:45	R-1207310011	SO4		60.23	mg/L	EPA 300.0
8/8/2012 9:40	R-1208070009	SO4		84.34	mg/L	EPA 300.0
8/15/2012 9:27	R-1208140010	SO4		60.74	mg/L	EPA 300.0
8/22/2012 9:26	8210003/R-12082	SO4		74.88	mg/L	EPA 300.0
7/25/2012 8:50	R-1207240029	TDS		634	mg/L	SM2540C
8/1/2012 9:45	R-1207310011	TDS		518	mg/L	SM2540C
8/8/2012 9:40	R-1208070009	TDS		690	mg/L	SM2540C
8/15/2012 9:27	R-1208140010	TDS		484	mg/L	SM2540C

Abram Creek River Mile 3.65 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/22/2012 9:26	8210003/R-12082	TDS		654	mg/L	SM2540C
7/25/2012 8:50	R-1207240029	Ti		4.47	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Ti		4.1	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Ti		34.35	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Ti		7.39	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Ti		10.04	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Tl	j	1.405	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Tl	<	1.11	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Tl	j	1.27	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Tl	<	1.11	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Tl	j	1.11	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	TMET	<	10	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	TMET		10.3	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	TMET		73.2	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	TMET		17.8	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	TMET		21.15	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Total-P		0.158	mg/L	EPA 365.1
8/1/2012 9:45	R-1207310011	Total-P		0.128	mg/L	EPA 365.1
8/8/2012 9:40	R-1208070009	Total-P		0.338	mg/L	EPA 365.1
8/15/2012 9:27	R-1208140010	Total-P		0.162	mg/L	EPA 365.1
8/22/2012 9:26	8210003/R-12082	Total-P		0.167	mg/L	EPA 365.1
7/25/2012 8:50	R-1207240029	TS		696	mg/L	SM2540B
8/1/2012 9:45	R-1207310011	TS		544	mg/L	SM2540B
8/8/2012 9:40	R-1208070009	TS		818	mg/L	SM2540B
8/15/2012 9:27	R-1208140010	TS		550	mg/L	SM2540B
8/22/2012 9:26	8210003/R-12082	TS		727	mg/L	SM2540B
7/25/2012 8:50	R-1207240029	TSS		30.8	mg/L	SM2540D
8/1/2012 9:45	R-1207310011	TSS		18.8	mg/L	SM2540D
8/8/2012 9:40	R-1208070009	TSS		62.4	mg/L	SM2540D
8/15/2012 9:27	R-1208140010	TSS		57.2	mg/L	SM2540D
7/25/2012 8:50	R-1207240029	Turbidity		28.5	NTU	EPA 180.1
8/1/2012 9:45	R-1207310011	Turbidity		19.7	NTU	EPA 180.1
8/8/2012 9:40	R-1208070009	Turbidity		187	NTU	EPA 180.1
8/15/2012 9:27	R-1208140010	Turbidity		38.3	NTU	EPA 180.1
8/22/2012 9:26	8210003/R-12082	Turbidity		26.1	NTU	EPA 180.1
7/25/2012 8:50	R-1207240029	V		1.385	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	V		1.1	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	V		5.39	ug/L	EPA-200.7

Abram Creek River Mile 3.65 Sample Date	Sample ID	Parameter	Code	Result	Units	Method
8/15/2012 9:27	R-1208140010	V		1.75	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	V		1.565	ug/L	EPA-200.7
7/25/2012 8:50	R-1207240029	Zn	j	4.71	ug/L	EPA-200.7
8/1/2012 9:45	R-1207310011	Zn	j	6.11	ug/L	EPA-200.7
8/8/2012 9:40	R-1208070009	Zn		50.56	ug/L	EPA-200.7
8/15/2012 9:27	R-1208140010	Zn		12.17	ug/L	EPA-200.7
8/22/2012 9:26	8210003/R-12082	Zn		14.34	ug/L	EPA-200.7