



Water-Data Report 2013

362002075540401 CURRITUCK SOUND 4.5 MILES FROM EAST BANK NEAR COROLLA, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 36°20'02", long 75°54'04" referenced to North American Datum of 1983, Currituck County, NC, Hydrologic Unit 03010205, 4.5 mi from east bank of Currituck Sound near Corolla.

DRAINAGE AREA.--Indeterminate.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2011 to current year.

REMARKS.--This site is sampled as part of a study to establish baseline bed sediment chemistry and water-quality conditions of Currituck Sound in the vicinity of the planned alignment of the Mid-Currituck Bridge.

362002075540401 CURRITUCK SOUND 4.5 MILES FROM EAST BANK NEAR COROLLA, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 1 of 8

[%, percent; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; ft, feet; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Medium name	Sample type	Barometric pressure, unfiltered, mm Hg (00025)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)
10-09-2012	1415	Surface water	Regular	--	--	--	--	--
10-09-2012	1416	QC sample - Surface water	Duplicate	--	--	--	--	--
10-10-2012	1100	QC sample - Artificial	Blank	--	--	--	--	--
10-10-2012	1115	Surface water	Regular	763	9.4	101	8.2	4,870
10-10-2012	1116	QC sample - Surface water	Spike	--	--	--	--	--
11-15-2012	1000	Surface water	Regular	773	11.2	99	7.7	4,300
11-15-2012	1001	QC sample - Surface water	Duplicate	--	--	--	--	--
12-18-2012	1430	Surface water	Regular	756	11.5	109	8.2	5,660
12-18-2012	1431	QC sample - Surface water	Duplicate	--	--	--	--	--
12-18-2012	1432	QC sample - Surface water	Duplicate	--	--	--	--	--
12-18-2012	1434	QC sample - Surface water	Duplicate	--	--	--	--	--
01-17-2013	0930	Surface water	Regular	768	10.5	95	7.5	5,210
01-17-2013	0931	QC sample - Surface water	Duplicate	--	--	--	--	--
02-27-2013	1115	Surface water	Regular	759	12.1	105	7.7	4,630
02-27-2013	1116	QC sample - Surface water	Duplicate	--	--	--	--	--
02-27-2013	1120	QC sample - Surface water	Replicate	759	12.1	105	7.7	4,630
02-27-2013	1121	QC sample - Surface water	Duplicate	--	--	--	--	--
03-20-2013	1045	Surface water	Regular	768	11.6	103	7.9	4,860
03-20-2013	1046	QC sample - Surface water	Replicate	768	11.6	103	7.9	4,860
03-20-2013	1047	QC sample - Surface water	Duplicate	--	--	--	--	--
03-20-2013	1048	QC sample - Surface water	Duplicate	--	--	--	--	--
04-09-2013	0905	QC sample - Artificial	Blank	--	--	--	--	--
04-09-2013	0945	Surface water	Regular	771	10.3	103	7.9	4,590
04-09-2013	0946	QC sample - Surface water	Duplicate	--	--	--	--	--
05-30-2013	0830	Surface water	Regular	774	8.1	95	7.9	6,410
05-30-2013	0831	QC sample - Surface water	Duplicate	--	--	--	--	--
06-10-2013	0845	QC sample - Artificial	Blank	--	--	--	--	--
06-10-2013	0900	Surface water	Regular	770	8.0	98	8.0	7,630
06-10-2013	0901	QC sample - Surface water	Duplicate	--	--	--	--	--
06-26-2013	1415	Surface water	Regular	765	8.1	106	8.1	9,500
06-26-2013	1416	QC sample - Surface water	Duplicate	--	--	--	--	--
07-24-2013	0830	Surface water	Regular	760	6.8	91	8.1	8,340
07-24-2013	0831	QC sample - Surface water	Duplicate	--	--	--	--	--
08-15-2013	1430	Surface water	Regular	769	9.0	109	8.4	7,720
08-15-2013	1431	QC sample - Surface water	Duplicate	--	--	--	--	--
09-11-2013	1245	Surface water	Regular	771	8.9	112	8.8	7,610
09-11-2013	1246	QC sample - Surface water	Duplicate	--	--	--	--	--

362002075540401 CURRITUCK SOUND 4.5 MILES FROM EAST BANK NEAR COROLLA, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 2 of 8

[%, percent; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; ft, feet; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Temperature, water, °C (00010)	Transparency, water, in situ, Secchi disc, m (00078)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)		Depth to bottom at sample location, ft (81903)	Gage height, ft (00065)	Sampling depth, ft (00003)	Sampling depth, m (00098)	Suspended solids, water, unfiltered, mg/L (00530)
				including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Depth to bottom at sample location, ft (81903)					
10-09-2012	1415	--	--	--	--	--	--	--	--	--
10-09-2012	1416	--	--	--	--	--	--	--	--	--
10-10-2012	1100	--	--	< 2.0	--	--	--	--	--	< 15
10-10-2012	1115	18.1	.50	E 11	3.10	.23	--	.50	< 38	
10-10-2012	1116	--	--	--	--	--	--	--	--	--
11-15-2012	1000	9.8	.40	35	2.40	.97	--	.50	94	
11-15-2012	1001	--	--	--	--	--	--	--	--	--
12-18-2012	1430	12.1	.60	E 8.7	4.90	.71	--	.75	< 30	
12-18-2012	1431	--	--	--	--	--	--	--	--	--
12-18-2012	1432	--	--	--	--	--	--	--	--	--
12-18-2012	1434	--	--	--	--	--	--	--	--	--
01-17-2013	0930	10.7	.60	E 17	5.10	.02	--	1.0	42	
01-17-2013	0931	--	--	--	--	--	--	--	--	--
02-27-2013	1115	8.2	.50	E 15	4.70	.22	3.30	--	< 50	
02-27-2013	1116	--	--	--	--	--	--	--	--	--
02-27-2013	1120	8.2	.50	E 15	4.70	.22	3.30	--	< 50	
02-27-2013	1121	--	--	--	--	--	--	--	--	--
03-20-2013	1045	9.9	.40	E 15	4.00	.10	2.00	--	40	
03-20-2013	1046	9.9	.40	E 14	4.00	.10	2.00	--	< 38	
03-20-2013	1047	--	--	--	--	--	--	--	--	--
03-20-2013	1048	--	--	--	--	--	--	--	--	--
04-09-2013	0905	--	--	< 2.0	--	--	--	--	< 15	
04-09-2013	0945	15.4	.70	E 9.0	4.30	.27	2.00	--	< 30	
04-09-2013	0946	--	--	--	--	--	--	--	--	--
05-30-2013	0830	22.9	.70	E 5.5	4.80	.45	2.40	--	78	
05-30-2013	0831	--	--	--	--	--	--	--	--	--
06-10-2013	0845	--	--	< 2.0	--	--	--	--	< 15	
06-10-2013	0900	25.3	.80	E 5.0	5.40	.50	2.70	--	< 50	
06-10-2013	0901	--	--	--	--	--	--	--	--	--
06-26-2013	1415	28.0	1.00	E 4.0	5.70	.78	2.80	--	< 25	
06-26-2013	1416	--	--	--	--	--	--	--	--	--
07-24-2013	0830	28.8	.65	E 6.5	5.40	.86	2.70	--	< 30	
07-24-2013	0831	--	--	--	--	--	--	--	--	--
08-15-2013	1430	24.8	.60	E 8.5	4.00	.25	2.00	--	< 30	
08-15-2013	1431	--	--	--	--	--	--	--	--	--
09-11-2013	1245	27.1	.50	E 7.1	4.40	.25	2.20	--	60	
09-11-2013	1246	--	--	--	--	--	--	--	--	--

362002075540401 CURRITUCK SOUND 4.5 MILES FROM EAST BANK NEAR COROLLA, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 3 of 8

[%, percent; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; ft, feet; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Ammonia			Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, unfiltered, mg/L as P (00665)	Enterococci, Defined Substrate Technology, MPN/100 mL (99601)	Escherichia coli, Defined Substrate Technology, MPN/100 mL (50468)	Aluminum, water, filtered, µg/L (01106)
		plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)					
10-09-2012	1415	--	--	--	--	--	< 10	< 10	--
10-09-2012	1416	--	--	--	--	--	10	< 10	--
10-10-2012	1100	< .07	< .010	< .01	< .004	< .004	--	--	< 2.2
10-10-2012	1115	1.5	< .010	< .01	< .004	.057	--	--	8.1
10-10-2012	1116	--	--	--	--	--	--	--	--
11-15-2012	1000	1.6	.094	.05	< .004	.100	20	< 10	20.6
11-15-2012	1001	--	--	--	--	--	< 10	< 10	--
12-18-2012	1430	1.1	< .010	< .01	< .004	.049	10	10	< 11.0
12-18-2012	1431	--	--	--	--	--	< 10	10	--
12-18-2012	1432	--	--	--	--	--	< 10	< 10	--
12-18-2012	1434	--	--	--	--	--	< 10	20	--
01-17-2013	0930	1.2	< .010	< .01	< .004	.058	10	< 10	16.0
01-17-2013	0931	--	--	--	--	--	< 10	20	--
02-27-2013	1115	.97	< .010	.05	< .004	.057	< 10	10	34.3
02-27-2013	1116	--	--	--	--	--	10	< 10	--
02-27-2013	1120	1.1	.021	.04	.006	.056	< 10	< 10	28.1
02-27-2013	1121	--	--	--	--	--	10	< 10	--
03-20-2013	1045	1.2	< .010	< .01	< .004	.058	10	20	30.3
03-20-2013	1046	1.3	< .010	< .01	< .004	.058	< 10	< 10	24.6
03-20-2013	1047	--	--	--	--	--	< 10	< 10	--
03-20-2013	1048	--	--	--	--	--	< 10	< 10	--
04-09-2013	0905	< .07	< .010	< .01	< .004	< .004	--	--	< 2.2
04-09-2013	0945	1.1	< .010	< .01	< .004	.045	< 10	10	12.5
04-09-2013	0946	--	--	--	--	--	< 10	10	--
05-30-2013	0830	.99	< .010	< .01	< .004	.038	10	< 10	6.7
05-30-2013	0831	--	--	--	--	--	10	< 10	--
06-10-2013	0845	< .07	< .010	< .01	< .004	< .004	--	--	< 2.2
06-10-2013	0900	.92	.014	< .01	< .004	.036	< 10	< 10	< 15.4
06-10-2013	0901	--	--	--	--	--	< 10	< 10	--
06-26-2013	1415	.82	.051	< .01	< .004	.028	10	< 10	< 13.2
06-26-2013	1416	--	--	--	--	--	< 10	10	--
07-24-2013	0830	1.3	.016	< .01	< .004	.028	< 10	< 10	< 11.0
07-24-2013	0831	--	--	--	--	--	10	< 10	--
08-15-2013	1430	1.4	.014	< .01	< .004	.041	< 10	< 10	< 13.2
08-15-2013	1431	--	--	--	--	--	< 10	< 10	--
09-11-2013	1245	1.4	.020	< .01	< .004	.040	< 10	< 10	< 11.0
09-11-2013	1246	--	--	--	--	--	< 10	< 10	--

362002075540401 CURRITUCK SOUND 4.5 MILES FROM EAST BANK NEAR COROLLA, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 4 of 8

[%, percent; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; ft, feet; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Aluminum, water, unfiltered, recover- able, µg/L (01105)	Cadmium, water, filtered, µg/L (01025)	Cadmium, water, unfiltered, µg/L (01027)	Chromium, water, unfiltered, recover- able, µg/L (01030)	Chromium, water, unfiltered, recover- able, µg/L (01034)	Copper, water, unfiltered, recover- able, µg/L (01040)	Copper, water, unfiltered, recover- able, µg/L (01042)	Iron, water, filtered, µg/L (01046)	Iron, water, unfiltered, recover- able, µg/L (01045)
10-09-2012	1415	--	--	--	--	--	--	--	--	--
10-09-2012	1416	--	--	--	--	--	--	--	--	--
10-10-2012	1100	< 3.8	< .016	< .016	< .07	< .30	< .80	< .70	< 4.0	< 4.6
10-10-2012	1115	117	< .048	< .032	< .21	< .60	< 2.4	< 1.4	< 4.0	216
10-10-2012	1116	--	--	--	--	--	--	--	--	--
11-15-2012	1000	852	< .048	< .032	< .21	1.7	< 2.4	< 1.4	37.8	1,150
11-15-2012	1001	--	--	--	--	--	--	--	--	--
12-18-2012	1430	275	< .080	< .048	< .35	< .90	< 4.0	< 2.1	12.6	795
12-18-2012	1431	--	--	--	--	--	--	--	--	--
12-18-2012	1432	--	--	--	--	--	--	--	--	--
12-18-2012	1434	--	--	--	--	--	--	--	--	--
01-17-2013	0930	595	< .080	< .048	< .35	.94	< 4.0	< 2.1	17.4	538
01-17-2013	0931	--	--	--	--	--	--	--	--	--
02-27-2013	1115	324	< .064	< .032	< .28	.78	< 3.2	< 1.4	22.3	397
02-27-2013	1116	--	--	--	--	--	--	--	--	--
02-27-2013	1120	452	< .064	< .032	< .28	1.1	< 3.2	< 1.4	20.5	430
02-27-2013	1121	--	--	--	--	--	--	--	--	--
03-20-2013	1045	389	< .048	.038	< .21	.80	< 2.4	< 1.4	27.7	414
03-20-2013	1046	409	< .048	< .032	< .21	1.2	< 2.4	< 1.4	27.2	413
03-20-2013	1047	--	--	--	--	--	--	--	--	--
03-20-2013	1048	--	--	--	--	--	--	--	--	--
04-09-2013	0905	< 3.8	< .016	< .016	< .07	< .30	< .80	< .70	< 4.0	< 4.6
04-09-2013	0945	217	< .048	< .032	< .21	< .60	< 2.4	< 1.4	13.8	220
04-09-2013	0946	--	--	--	--	--	--	--	--	--
05-30-2013	0830	113	< .048	< .048	< .21	< .90	< 2.4	< 2.1	< 16.0	173
05-30-2013	0831	--	--	--	--	--	--	--	--	--
06-10-2013	0845	< 3.8	< .016	< .016	< .07	< .30	< .80	< .70	< 4.0	< 4.6
06-10-2013	0900	93.0	< .112	< .064	< .49	< 1.2	< 5.6	< 2.8	< 16.0	182
06-10-2013	0901	--	--	--	--	--	--	--	--	--
06-26-2013	1415	73.2	< .096	< .064	< .42	< 1.2	< 4.8	< 2.8	< 20.0	129
06-26-2013	1416	--	--	--	--	--	--	--	--	--
07-24-2013	0830	37.7	< .080	< .064	< .35	< 1.2	< 4.0	< 2.8	< 20.0	92.8
07-24-2013	0831	--	--	--	--	--	--	--	--	--
08-15-2013	1430	136	< .096	< .064	< .42	< 1.2	< 4.8	< 2.8	< 4.0	172
08-15-2013	1431	--	--	--	--	--	--	--	--	--
09-11-2013	1245	76.1	< .080	< .064	< .35	< 1.2	< 4.0	< 2.8	< 20.0	105
09-11-2013	1246	--	--	--	--	--	--	--	--	--

362002075540401 CURRITUCK SOUND 4.5 MILES FROM EAST BANK NEAR COROLLA, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 5 of 8

[%, percent; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; ft, feet; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Lead, water, unfiltered, recoverable, µg/L (01049)		Manganese, water, unfiltered, recoverable, µg/L (01056)		Mercury, water, unfiltered, recoverable, µg/L (71890)		Nickel, water, unfiltered, recoverable, µg/L (01065)		Silver, water, filtered, µg/L (01075)	
		Lead, water, filtered, µg/L (01049)	Manganese, water, filtered, µg/L (01056)	Lead, water, unfiltered, recoverable, µg/L (01051)	Manganese, water, unfiltered, recoverable, µg/L (01055)	Mercury, water, filtered, µg/L (71890)	Mercury, water, unfiltered, recoverable, µg/L (71900)	Nickel, water, filtered, µg/L (01065)	Silver, water, filtered, µg/L (01067)		
10-09-2012	1415	--	--	--	--	--	--	--	--	--	--
10-09-2012	1416	--	--	--	--	--	--	--	--	--	--
10-10-2012	1100	<.025	<.04	.18	.9	<.005	<.005	<.09	<.19	<.005	
10-10-2012	1115	<.075	1.16	3.62	79.8	<.005	<.005	.43	.42	<.015	
10-10-2012	1116	--	--	--	--	--	--	--	--	--	
11-15-2012	1000	<.075	2.43	2.39	58.0	<.005	.005	.35	1.1	<.015	
11-15-2012	1001	--	--	--	--	--	--	--	--	--	
12-18-2012	1430	<.125	1.15	2.28	24.8	<.005	<.005	.49	<.57	<.025	
12-18-2012	1431	--	--	--	--	--	--	--	--	--	
12-18-2012	1432	--	--	--	--	--	--	--	--	--	
12-18-2012	1434	--	--	--	--	--	--	--	--	--	
01-17-2013	0930	<.125	1.40	3.35	21.6	<.005	<.005	.57	<.57	<.025	
01-17-2013	0931	--	--	--	--	--	--	--	--	--	
02-27-2013	1115	<.100	1.14	2.51	12.7	<.005	<.005	.61	.76	<.020	
02-27-2013	1116	--	--	--	--	--	--	--	--	--	
02-27-2013	1120	<.100	1.25	2.92	13.1	<.005	<.005	.57	7.0	<.020	
02-27-2013	1121	--	--	--	--	--	--	--	--	--	
03-20-2013	1045	.077	.99	3.02	14.2	<.005	<.005	.53	.77	<.015	
03-20-2013	1046	<.075	1.01	3.49	14.3	<.005	<.005	.58	.73	<.015	
03-20-2013	1047	--	--	--	--	--	--	--	--	--	
03-20-2013	1048	--	--	--	--	--	--	--	--	--	
04-09-2013	0905	<.025	<.04	<.15	<.4	<.005	<.005	<.09	<.19	<.005	
04-09-2013	0945	<.075	.61	4.78	17.3	<.005	<.005	1.3	.76	<.015	
04-09-2013	0946	--	--	--	--	--	--	--	--	--	
05-30-2013	0830	<.075	.43	4.67	36.5	<.005	<.005	.61	<.57	<.015	
05-30-2013	0831	--	--	--	--	--	--	--	--	--	
06-10-2013	0845	.027	<.04	<.15	<.4	<.005	<.005	<.09	<.19	<.005	
06-10-2013	0900	<.175	.60	3.35	42.3	<.005	<.005	1.6	<.76	<.035	
06-10-2013	0901	--	--	--	--	--	--	--	--	--	
06-26-2013	1415	<.150	.28	3.50	39.9	<.005	<.005	.65	<.76	<.030	
06-26-2013	1416	--	--	--	--	--	--	--	--	--	
07-24-2013	0830	<.125	.30	2.43	59.6	<.005	<.005	.50	<.76	<.025	
07-24-2013	0831	--	--	--	--	--	--	--	--	--	
08-15-2013	1430	<.150	.59	2.09	89.0	<.005	<.005	.59	<.76	<.030	
08-15-2013	1431	--	--	--	--	--	--	--	--	--	
09-11-2013	1245	<.125	.51	1.45	69.5	<.005	<.005	<.45	<.76	<.025	
09-11-2013	1246	--	--	--	--	--	--	--	--	--	

362002075540401 CURRITUCK SOUND 4.5 MILES FROM EAST BANK NEAR COROLLA, NC—Continued

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[%, percent; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; ft, feet; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Silver, water, unfiltered, recover- able, µg/L (01077)	Zinc, water, filtered, µg/L (01090)	Zinc, water, unfiltered, recover- able, µg/L (01092)	Arsenic, water, filtered, µg/L (01000)	Arsenic, water, unfiltered, µg/L (01002)	Selenium, water, filtered, µg/L (01145)	Selenium, water, unfiltered, µg/L (01147)	Hexa- chloro- benzene, water, unfiltered, recover- able, µg/L (39700)	Penta- chloro- phenol, water, unfiltered, recover- able, µg/L (39032)
10-09-2012	1415	--	--	--	--	--	--	--	--	--
10-09-2012	1416	--	--	--	--	--	--	--	--	--
10-10-2012	1100	.021	< 1.4	< 3.0	< .04	< .28	< .03	< .050	--	--
10-10-2012	1115	< .030	< 4.2	< 6.0	1.8	2.1	.28	.192	< .004	< .080
10-10-2012	1116	--	--	--	--	--	--	--	.548	E .887
11-15-2012	1000	< .030	< 4.2	< 6.0	1.1	1.4	.21	.146	< .004	< .080
11-15-2012	1001	--	--	--	--	--	--	--	--	--
12-18-2012	1430	< .045	< 5.6	< 9.0	1.2	1.6	.23	.296	< .004	< .080
12-18-2012	1431	--	--	--	--	--	--	--	--	--
12-18-2012	1432	--	--	--	--	--	--	--	--	--
12-18-2012	1434	--	--	--	--	--	--	--	--	--
01-17-2013	0930	< .045	< 7.0	< 9.0	1.3	1.4	.23	.183	< .004	.035
01-17-2013	0931	--	--	--	--	--	--	--	--	--
02-27-2013	1115	< .030	< 5.6	< 6.0	1.2	1.2	.32	.536	< .004	< .080
02-27-2013	1116	--	--	--	--	--	--	--	--	--
02-27-2013	1120	< .030	< 5.6	< 6.0	1.1	1.3	.32	.443	< .004	< .080
02-27-2013	1121	--	--	--	--	--	--	--	--	--
03-20-2013	1045	< .030	< 4.2	< 6.0	1.1	1.1	.27	.621	< .004	< .080
03-20-2013	1046	< .030	< 4.2	< 6.0	1.2	1.4	.28	.519	< .004	< .080
03-20-2013	1047	--	--	--	--	--	--	--	--	--
03-20-2013	1048	--	--	--	--	--	--	--	--	--
04-09-2013	0905	< .015	5.4	< 3.0	< .04	< .28	< .03	.109	< .004	< .080
04-09-2013	0945	< .030	< 4.2	< 6.0	1.0	1.2	.26	.297	< .004	< .080
04-09-2013	0946	--	--	--	--	--	--	--	--	--
05-30-2013	0830	< .045	< 4.2	< 9.0	1.4	.94	.46	.170	< .004	< .080
05-30-2013	0831	--	--	--	--	--	--	--	--	--
06-10-2013	0845	< .015	1.8	9.1	< .04	< .28	< .03	< .050	< .004	< .080
06-10-2013	0900	< .060	< 9.8	< 12.0	1.5	1.8	.56	.243	< .004	< .080
06-10-2013	0901	--	--	--	--	--	--	--	--	--
06-26-2013	1415	< .060	< 8.4	< 12.0	1.6	1.5	.57	.224	< .004	< .080
06-26-2013	1416	--	--	--	--	--	--	--	--	--
07-24-2013	0830	< .060	< 7.0	< 12.0	1.9	2.1	.84	.490	--	--
07-24-2013	0831	--	--	--	--	--	--	--	--	--
08-15-2013	1430	< .060	< 8.4	< 12.0	2.4	2.2	.25	.516	< .004	< .080
08-15-2013	1431	--	--	--	--	--	--	--	--	--
09-11-2013	1245	< .060	< 7.0	< 12.0	2.0	2.0	.84	1.29	--	--
09-11-2013	1246	--	--	--	--	--	--	--	--	--

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[%, percent; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; ft, feet; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Benzo[a]-anthra-cene, water, unfiltered, recoverable, µg/L (34526)	Benzo[a]-pyrene, water, unfiltered, recoverable, µg/L (34247)	Benzo[a]-fluor-anthene, water, unfiltered, recoverable, µg/L (34230)	Benzo[k]-fluoran-thene, water, unfiltered, recoverable, µg/L (34242)	Bis(2-chloro-ethyl) ether, water, unfiltered, recoverable, µg/L (34273)	Bis(2-ethylhexyl)-phthalate, water, unfiltered, recoverable, µg/L (39100)	Chrysene, water, unfiltered, recoverable, µg/L (34320)	Dibenzo-[a,h]-anthra-cene, water, unfiltered, recoverable, µg/L (34556)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, µg/L (34403)
10-09-2012	1415	--	--	--	--	--	--	--	--	--
10-09-2012	1416	--	--	--	--	--	--	--	--	--
10-10-2012	1100	--	--	--	--	--	--	--	--	--
10-10-2012	1115	<.030	<.005	<.004	<.004	<.010	.707	<.004	<.004	<.004
10-10-2012	1116	.371	.359	E .345	E .324	.891	.575	.354	E .330	E .341
11-15-2012	1000	<.030	<.005	<.004	<.004	<.010	<.500	<.004	<.004	<.004
11-15-2012	1001	--	--	--	--	--	--	--	--	--
12-18-2012	1430	<.030	<.005	<.004	<.004	<.010	<.500	<.004	<.004	<.004
12-18-2012	1431	--	--	--	--	--	--	--	--	--
12-18-2012	1432	--	--	--	--	--	--	--	--	--
12-18-2012	1434	--	--	--	--	--	--	--	--	--
01-17-2013	0930	<.030	<.005	<.004	<.004	<.010	.132	<.004	<.004	<.004
01-17-2013	0931	--	--	--	--	--	--	--	--	--
02-27-2013	1115	<.030	<.005	<.004	<.004	<.010	<.500	<.004	<.004	<.004
02-27-2013	1116	--	--	--	--	--	--	--	--	--
02-27-2013	1120	<.030	<.005	<.004	<.004	<.010	.348	<.004	<.004	<.004
02-27-2013	1121	--	--	--	--	--	--	--	--	--
03-20-2013	1045	<.030	<.005	<.004	<.004	<.010	<.500	<.004	<.004	<.004
03-20-2013	1046	<.030	<.005	<.004	<.004	<.010	<.500	<.004	E .005	E .005
03-20-2013	1047	--	--	--	--	--	--	--	--	--
03-20-2013	1048	--	--	--	--	--	--	--	--	--
04-09-2013	0905	.005	<.005	<.004	<.004	<.010	.239	<.004	<.004	<.004
04-09-2013	0945	.006	<.005	<.004	<.004	<.010	<.500	<.004	<.004	<.004
04-09-2013	0946	--	--	--	--	--	--	--	--	--
05-30-2013	0830	<.030	<.005	<.004	<.004	<.010	<.500	<.004	<.004	<.004
05-30-2013	0831	--	--	--	--	--	--	--	--	--
06-10-2013	0845	<.030	<.005	<.004	<.004	<.010	<.500	<.004	<.004	<.004
06-10-2013	0900	<.030	<.005	<.004	<.004	<.010	<.500	<.004	<.004	<.004
06-10-2013	0901	--	--	--	--	--	--	--	--	--
06-26-2013	1415	<.030	<.005	<.004	<.004	<.010	<1.10	<.004	<.004	<.004
06-26-2013	1416	--	--	--	--	--	--	--	--	--
07-24-2013	0830	--	--	--	--	--	--	--	--	--
07-24-2013	0831	--	--	--	--	--	--	--	--	--
08-15-2013	1430	<.030	<.005	<.004	<.004	<.010	<1.90	<.004	<.004	<.004
08-15-2013	1431	--	--	--	--	--	--	--	--	--
09-11-2013	1245	--	--	--	--	--	--	--	--	--
09-11-2013	1246	--	--	--	--	--	--	--	--	--

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[%, percent; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; ft, feet; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	N-Nitro-sodi-methyl-amine, water, unfiltered, recover-	N-Nitro-sodi-n-propyl-amine, water, unfiltered, recover-	Phenan-threne, water, unfiltered, recover-
		able, µg/L (34438)	able, µg/L (34428)	able, µg/L (34461)
10-09-2012	1415	--	--	--
10-09-2012	1416	--	--	--
10-10-2012	1100	--	--	--
10-10-2012	1115	< .020	< .40	< .007
10-10-2012	1116	.567	1.12	.732
11-15-2012	1000	< .020	< .40	< .007
11-15-2012	1001	--	--	--
12-18-2012	1430	< .020	< .40	< .007
12-18-2012	1431	--	--	--
12-18-2012	1432	--	--	--
12-18-2012	1434	--	--	--
01-17-2013	0930	< .020	< .40	.002
01-17-2013	0931	--	--	--
02-27-2013	1115	< .020	< .40	< .007
02-27-2013	1116	--	--	--
02-27-2013	1120	< .020	< .40	< .007
02-27-2013	1121	--	--	--
03-20-2013	1045	< .020	< .40	< .007
03-20-2013	1046	< .020	< .40	< .007
03-20-2013	1047	--	--	--
03-20-2013	1048	--	--	--
04-09-2013	0905	< .020	< .40	< .007
04-09-2013	0945	< .020	< .40	< .007
04-09-2013	0946	--	--	--
05-30-2013	0830	< .020	< .40	< .007
05-30-2013	0831	--	--	--
06-10-2013	0845	< .020	< .40	< .007
06-10-2013	0900	< .020	< .40	< .007
06-10-2013	0901	--	--	--
06-26-2013	1415	< .020	< .40	< .007
06-26-2013	1416	--	--	--
07-24-2013	0830	--	--	--
07-24-2013	0831	--	--	--
08-15-2013	1430	< .020	< .40	< .007
08-15-2013	1431	--	--	--
09-11-2013	1245	--	--	--
09-11-2013	1246	--	--	--