

Water-Data Report 2012

362103075493801 CURRITUCK SOUND .25 MILES FROM EAST BANK NEAR COROLLA, NC

 Albemarle-Chowan Basin
 Albemarle Subbasin

LOCATION.--Lat 36°21'03", long 75°49'38" referenced to North American Datum of 1983, Currituck County, NC, Hydrologic Unit 03010205, 0.25 mi from east bank of Currituck Sound near Corolla.

DRAINAGE AREA.--Indeterminate.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2011 to September 2012.

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.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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, | Dissolved oxygen, water, | Dissolved oxygen, water, | pH, water, | Specific conductance, water, unfiltered, laboratory, µS/cm at 25°C (90095) |
|------------|-------------------|---------------------------|-------------|----------------------|--|---|------------|--|
| | | | | mm Hg (00025) | unfiltered, unfiltered, % saturation (00301) | unfiltered, field, standard units (00400) | | |
| 08-30-2011 | 1330 | Surface water | Regular | 769 | -- | -- | -- | E 16,300 |
| 08-30-2011 | 1331 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 09-28-2011 | 1300 | Surface water | Regular | 763 | 10.1 | 125 | 8.4 | -- |
| 09-28-2011 | 1301 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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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 | Turbidity, water, unfiltered, broad band light source | | | | | | Gage height, ft (00065) | Sampling depth, ft (00003) | Sampling depth, m (00098) |
|------------|-------------------|--|--------------------------------|--|---|--|------|-------------------------|----------------------------|---------------------------|
| | | Specific conductance, water, unfiltered, µS/cm at 25°C (00095) | Temperature, water, °C (00010) | Transparency, water, in situ, Secchi disc, m (00078) | multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676) | Depth to bottom at sample location, ft (81903) | | | | |
| 08-30-2011 | 1330 | -- | -- | 0.70 | E 14 | 2.50 | 0.74 | -- | -- | -- |
| 08-30-2011 | 1331 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09-28-2011 | 1300 | 10,400 | 24.7 | .60 | E 7.1 | 2.20 | .96 | 3.94 | 1.2 | |
| 09-28-2011 | 1301 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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 plus suspended solids, water, unfiltered, mg/L (00530) | | | | | | Enterococci, Defined Substrate | Escherichia coli, Defined Substrate |
|------------|-------------------|--|---|--|--|--|--------------------|--------------------------------|-------------------------------------|
| | | 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) | Orthophosphate, water, filtered, mg/L as P (00671) | Phosphorus, water, unfiltered, mg/L as P (00665) | MPN/100 mL (99601) | | |
| 08-30-2011 | 1330 | 34 | 1.3 | 0.221 | 0.02 | < .004 | 0.089 | 62 | 74 |
| 08-30-2011 | 1331 | -- | -- | -- | -- | -- | -- | 74 | 30 |
| 09-28-2011 | 1300 | 43 | 1.2 | .083 | < .02 | < .004 | .041 | 10 | < 10 |
| 09-28-2011 | 1301 | -- | -- | -- | -- | -- | -- | 10 | 10 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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, | | | Chromium, water, | | | Copper, water, | | |
|------------|-------------------|---|---------------------------|--|--|---|---------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|
| | | Aluminum, unfiltered, water, filtered, µg/L (01106) | recoverable, µg/L (01105) | Cadmium, water, filtered, µg/L (01025) | Cadmium, unfiltered, water, µg/L (01027) | Chromium, water, filtered, µg/L (01030) | unfiltered, recoverable, µg/L (01034) | Copper, water, filtered, µg/L (01040) | unfiltered, recoverable, µg/L (01042) | Iron, water, filtered, µg/L (01046) |
| 08-30-2011 | 1330 | 201 | 258 | < 1.60 | < .500 | < 6.0 | 22.4 | < 50.0 | < 4.9 | < 32.0 |
| 08-30-2011 | 1331 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09-28-2011 | 1300 | < 8.5 | 40.2 | < .080 | < .500 | < .30 | < 1.1 | < 2.5 | < 3.5 | 48.5 |
| 09-28-2011 | 1301 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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 | Iron, water, | | | Lead, water, | | | Manganese, water, | | | Mercury, water, | | | Nickel, water, | | |
|------------|-------------------|---------------------------------------|-------------------------------------|---------------------------------------|--|---------------------------------------|--|---------------------------------------|---------------------------------------|---------------------------------------|-----------------|--|--|----------------|--|--|
| | | unfiltered, recoverable, µg/L (01045) | Lead, water, filtered, µg/L (01049) | unfiltered, recoverable, µg/L (01051) | Manganese, water, filtered, µg/L (01056) | unfiltered, recoverable, µg/L (01055) | Mercury, water, filtered, µg/L (71890) | unfiltered, recoverable, µg/L (71900) | Nickel, water, filtered, µg/L (01065) | unfiltered, recoverable, µg/L (01067) | | | | | | |
| 08-30-2011 | 1330 | 434 | < 1.50 | < 3.60 | 29.4 | 68.7 | < .005 | < .005 | < 9.0 | 1.3 | | | | | | |
| 08-30-2011 | 1331 | -- | -- | -- | -- | -- | -- | -- | -- | -- | | | | | | |
| 09-28-2011 | 1300 | 153 | .179 | .69 | 3.24 | 62.7 | < .005 | .251 | .61 | < 1.2 | | | | | | |
| 09-28-2011 | 1301 | -- | -- | -- | -- | -- | -- | -- | -- | -- | | | | | | |

362103075493801 CURRITUCK SOUND .25 MILES FROM EAST BANK NEAR COROLLA, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 6 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 | Silver, water, filtered, µg/L (01075) | Silver, water, unfiltered, recoverable, µg/L (01077) | Zinc, water, filtered, µg/L (01090) | Zinc, water, unfiltered, recoverable, µg/L (01092) | Arsenic, water, filtered, µg/L (01000) | Arsenic, water, unfiltered, µg/L (01002) | Selenium, water, filtered, µg/L (01145) | Selenium, water, unfiltered, recoverable, µg/L (01147) | Hexa-chloro-benzene, water, unfiltered, recoverable, µg/L (39700) |
|------------|-------------------|---------------------------------------|--|-------------------------------------|--|--|--|---|--|---|
| 08-30-2011 | 1330 | <.500 | <.150 | <140 | <24.0 | 4.7 | 3.5 | <3.0 | 1.02 | <.30 |
| 08-30-2011 | 1331 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09-28-2011 | 1300 | <.025 | <.075 | <7.0 | <12.0 | 2.4 | 2.5 | .23 | <.250 | <.30 |
| 09-28-2011 | 1301 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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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 | Penta-chloro-phenol, water, unfiltered, recoverable, µg/L (39032) | Benzo[a]-anthra-cene, water, unfiltered, recoverable, µg/L (34526) | Benzo[a]-pyrene, water, unfiltered, recoverable, µg/L (34247) | Benzo[a]-fluoran-thene, water, unfiltered, recoverable, µg/L (34230) | Benzo[k]-fluoran-thene, water, unfiltered, recoverable, µg/L (34242) | Bis(2-chloroethyl) phthalate, 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) |
|------------|-------------------|---|--|---|--|--|--|---|--|---|
| 08-30-2011 | 1330 | <.6 | <.26 | <.32 | <.30 | <.30 | <.30 | <2.6 | <.32 | <.42 |
| 08-30-2011 | 1331 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09-28-2011 | 1300 | <.6 | <.26 | <.32 | <.30 | <.30 | <.30 | <2.6 | <.32 | <.42 |
| 09-28-2011 | 1301 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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| Date | Sample start time | Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, µg/L (34403) | N-Nitro-sodi-methyl-amine, water, unfiltered, recoverable, µg/L (34438) | N-Nitro-sodi-n-propyl-amine, water, unfiltered, recoverable, µg/L (34428) | N-Nitro-phenanthrene, water, unfiltered, recoverable, µg/L (34461) |
|------------|-------------------|--|---|---|--|
| 08-30-2011 | 1330 | <.38 | <.24 | <.4 | <.32 |
| 08-30-2011 | 1331 | -- | -- | -- | -- |
| 09-28-2011 | 1300 | <.38 | <.24 | <.4 | <.32 |
| 09-28-2011 | 1301 | -- | -- | -- | -- |

362103075493801 CURRITUCK SOUND .25 MILES FROM EAST BANK NEAR COROLLA, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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| Date | Sample start time | Medium name | Sample type | Barometric pressure, mm Hg (00025) | Dissolved oxygen, water, unfiltered, % saturation (00301) | Dissolved oxygen, water, unfiltered, field, standard units (00400) | pH, water, unfiltered, standard units (00400) | Specific conductance, water, unfiltered, µS/cm at 25°C (00095) |
|------------|-------------------|---------------------------|-------------|------------------------------------|---|--|---|--|
| | | | | | | | | |
| 10-18-2011 | 1240 | Surface water | Regular | 762 | 10.3 | 118 | 8.4 | 8,730 |
| 10-18-2011 | 1241 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 11-15-2011 | 0815 | Surface water | Regular | 768 | 9.8 | 98 | 8.0 | 6,310 |
| 11-15-2011 | 0816 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 12-15-2011 | 1100 | QC sample - Artificial | Blank | -- | -- | -- | -- | -- |
| 12-20-2011 | 0800 | QC sample - Artificial | Blank | -- | -- | -- | -- | -- |
| 12-20-2011 | 0825 | Surface water | Regular | 770 | 10.8 | 91 | 7.7 | 6,070 |
| 12-20-2011 | 0826 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 01-24-2012 | 1030 | Surface water | Regular | 768 | 11.4 | 103 | 7.6 | 6,010 |
| 01-24-2012 | 1031 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 02-22-2012 | 1115 | Surface water | Regular | 764 | 12.2 | 108 | 8.0 | 5,360 |
| 02-22-2012 | 1116 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 02-22-2012 | 1300 | QC sample - Artificial | Reference | -- | -- | -- | -- | -- |
| 03-06-2012 | 1115 | Surface water | Regular | 783 | 13.1 | 106 | 7.8 | 5,300 |
| 03-06-2012 | 1116 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 03-06-2012 | 1120 | QC sample - Surface water | Replicate | 783 | 13.1 | 106 | 7.8 | 5,300 |
| 03-06-2012 | 1121 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 03-21-2012 | 0945 | Surface water | Regular | 773 | 8.7 | 94 | 8.2 | 5,830 |
| 03-21-2012 | 0946 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 04-17-2012 | 1130 | QC sample - Artificial | Blank | -- | -- | -- | -- | -- |
| 04-17-2012 | 1131 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 04-17-2012 | 1145 | Surface water | Regular | 767 | 9.0 | 102 | 8.1 | 6,980 |
| 04-17-2012 | 1146 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 05-31-2012 | 1030 | Surface water | Regular | 758 | 8.8 | 106 | 8.1 | 6,490 |
| 05-31-2012 | 1031 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 06-20-2012 | 1045 | Surface water | Regular | 771 | 11.3 | 139 | 9.0 | 6,790 |
| 06-20-2012 | 1046 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 07-18-2012 | 1130 | Surface water | Regular | 765 | 8.3 | 111 | 8.7 | 7,080 |
| 07-18-2012 | 1131 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 08-15-2012 | 0800 | QC sample - Artificial | Blank | -- | -- | -- | -- | -- |
| 08-15-2012 | 1130 | Surface water | Regular | 764 | 8.1 | 105 | 8.6 | 6,480 |
| 08-15-2012 | 1131 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |
| 09-12-2012 | 1345 | Surface water | Regular | 776 | 10.6 | 127 | 8.8 | 6,290 |
| 09-12-2012 | 1346 | QC sample - Surface water | Duplicate | -- | -- | -- | -- | -- |

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WATER-QUALITY DATA
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| 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) |
|------------|-------------------|-----------------------------------|---|---|--|---|----------------------------|-------------------------------|------------------------------|--|
| | | | | | | | | | | |
| 10-18-2011 | 1240 | 20.5 | 0.60 | E 9.4 | | 1.70 | 0.76 | 0.80 | 0.24 | 55 |
| 10-18-2011 | 1241 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 11-15-2011 | 0815 | 14.7 | .40 | E 9.7 | | 1.03 | .40 | .50 | .15 | < 60 |
| 11-15-2011 | 0816 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 12-15-2011 | 1100 | -- | -- | < 2.0 | | -- | -- | -- | -- | < 15 |
| 12-20-2011 | 0800 | -- | -- | < 2.0 | | -- | -- | -- | -- | < 15 |
| 12-20-2011 | 0825 | 7.2 | .50 | E 6.8 | | 1.10 | .05 | -- | -- | 96 |
| 12-20-2011 | 0826 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 01-24-2012 | 1030 | 10.3 | .60 | E 7.4 | | 2.10 | -.20 | 1.00 | .30 | < 30 |
| 01-24-2012 | 1031 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 02-22-2012 | 1115 | 9.2 | .60 | E 15 | | 2.20 | -.19 | 1.00 | .30 | 34 |
| 02-22-2012 | 1116 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 02-22-2012 | 1300 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 03-06-2012 | 1115 | 6.5 | -- | E 20 | | 1.80 | -.49 | 1.00 | .30 | 42 |
| 03-06-2012 | 1116 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 03-06-2012 | 1120 | 6.5 | -- | E 18 | | 1.80 | -.49 | 1.00 | -- | 68 |
| 03-06-2012 | 1121 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 03-21-2012 | 0945 | 18.9 | .70 | E 6.7 | | 2.61 | -.02 | 1.00 | .30 | 33 |
| 03-21-2012 | 0946 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 04-17-2012 | 1130 | -- | -- | < 2.0 | | -- | -- | -- | -- | < 15 |
| 04-17-2012 | 1131 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 04-17-2012 | 1145 | 21.0 | .70 | E 7.7 | | 1.70 | .37 | 1.00 | .30 | < 30 |
| 04-17-2012 | 1146 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 05-31-2012 | 1030 | 23.5 | .80 | E 3.9 | | 3.50 | .76 | 1.64 | .50 | 34 |
| 05-31-2012 | 1031 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 06-20-2012 | 1045 | 25.2 | .80 | E 5.6 | | 3.40 | .84 | 1.70 | .52 | 42 |
| 06-20-2012 | 1046 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 07-18-2012 | 1130 | 29.6 | .60 | E 6.6 | | 3.40 | .95 | 1.64 | .50 | 38 |
| 07-18-2012 | 1131 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 08-15-2012 | 0800 | -- | -- | < 2.0 | | -- | -- | -- | -- | < 15 |
| 08-15-2012 | 1130 | 28.4 | .60 | E 6.7 | | 2.10 | 1.12 | 2.13 | .65 | 35 |
| 08-15-2012 | 1131 | -- | -- | -- | | -- | -- | -- | -- | -- |
| 09-12-2012 | 1345 | 24.3 | .50 | E 7.0 | | 1.10 | -.22 | .53 | .16 | 130 |
| 09-12-2012 | 1346 | -- | -- | -- | | -- | -- | -- | -- | -- |

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WATER-QUALITY DATA
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| 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, water, MPN/100 mL (99601) | Escherichia coli, Defined Substrate Technology, water, 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) | | | | | |
| 10-18-2011 | 1240 | 1.7 | 0.039 | < .040 | < .004 | 0.056 | 20 | 30 | 14.8 |
| 10-18-2011 | 1241 | -- | -- | -- | -- | -- | 10 | < 10 | -- |
| 11-15-2011 | 0815 | 1.5 | .090 | < .040 | < .004 | .061 | 20 | 20 | < 6.6 |
| 11-15-2011 | 0816 | -- | -- | -- | -- | -- | 10 | 31 | -- |
| 12-15-2011 | 1100 | < .07 | < .010 | .01 | < .004 | < .004 | -- | -- | < 2.2 |
| 12-20-2011 | 0800 | < .07 | .025 | < .01 | < .004 | < .004 | -- | -- | < 2.2 |
| 12-20-2011 | 0825 | 1.2 | .020 | < .01 | < .004 | .065 | 10 | < 10 | < 6.6 |
| 12-20-2011 | 0826 | -- | -- | -- | -- | -- | 10 | 31 | -- |
| 01-24-2012 | 1030 | 1.3 | .015 | < .01 | < .004 | .058 | < 10 | < 10 | < 11.0 |
| 01-24-2012 | 1031 | -- | -- | -- | -- | -- | 20 | 10 | -- |
| 02-22-2012 | 1115 | 1.2 | .010 | .01 | < .004 | .051 | < 10 | < 10 | < 6.6 |
| 02-22-2012 | 1116 | -- | -- | -- | -- | -- | < 10 | 10 | -- |
| 02-22-2012 | 1300 | -- | -- | -- | -- | -- | < 10 | < 10 | -- |
| 03-06-2012 | 1115 | 1.2 | .014 | < .01 | < .004 | .070 | 20 | 30 | 8.2 |
| 03-06-2012 | 1116 | -- | -- | -- | -- | -- | 63 | 20 | -- |
| 03-06-2012 | 1120 | 1.4 | .011 | < .01 | < .004 | .069 | 30 | 10 | 13.1 |
| 03-06-2012 | 1121 | -- | -- | -- | -- | -- | 31 | 20 | -- |
| 03-21-2012 | 0945 | 1.3 | .020 | < .01 | < .004 | .054 | < 10 | < 10 | < 6.6 |
| 03-21-2012 | 0946 | -- | -- | -- | -- | -- | < 10 | < 10 | -- |
| 04-17-2012 | 1130 | < .07 | .012 | < .01 | < .004 | < .004 | < 10 | < 10 | < 2.2 |
| 04-17-2012 | 1131 | -- | -- | -- | -- | -- | < 10 | < 10 | -- |
| 04-17-2012 | 1145 | 1.1 | .020 | .02 | < .004 | .047 | < 10 | < 10 | < 6.6 |
| 04-17-2012 | 1146 | -- | -- | -- | -- | -- | < 10 | < 10 | -- |
| 05-31-2012 | 1030 | .93 | .020 | < .01 | < .004 | .041 | 10 | 30 | < 11.0 |
| 05-31-2012 | 1031 | -- | -- | -- | -- | -- | < 10 | 10 | -- |
| 06-20-2012 | 1045 | 1.1 | .018 | < .01 | < .004 | .042 | 11,000 | < 10 | < 11.0 |
| 06-20-2012 | 1046 | -- | -- | -- | -- | -- | 13,000 | < 10 | -- |
| 07-18-2012 | 1130 | 1.4 | .017 | < .01 | < .004 | .041 | < 10 | < 10 | 7.7 |
| 07-18-2012 | 1131 | -- | -- | -- | -- | -- | < 10 | < 10 | -- |
| 08-15-2012 | 0800 | < .07 | .011 | < .01 | < .004 | < .004 | -- | -- | < 2.2 |
| 08-15-2012 | 1130 | 1.4 | .013 | < .01 | < .004 | .044 | 63 | < 10 | < 11.0 |
| 08-15-2012 | 1131 | -- | -- | -- | -- | -- | 72 | 20 | -- |
| 09-12-2012 | 1345 | 1.6 | < .010 | < .01 | < .004 | .054 | 40 | 63 | < 6.6 |
| 09-12-2012 | 1346 | -- | -- | -- | -- | -- | 40 | 52 | -- |

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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; M, presence verified but not quantified]

| 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, µg/L (01030) | Chromium, water, unfiltered, recover- able, µg/L (01034) | Copper, water, filtered, 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) |
|------------|-------------------|--|--|--|---|--|---|--|---|--|
| 10-18-2011 | 1240 | 79.0 | <.080 | <.064 | 0.43 | 2.8 | <4.0 | <2.8 | <16.0 | 186 |
| 10-18-2011 | 1241 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11-15-2011 | 0815 | 109 | <.048 | <.048 | <.21 | <.90 | <2.4 | <2.1 | <12.8 | 235 |
| 11-15-2011 | 0816 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12-15-2011 | 1100 | <3.8 | <.016 | <.016 | <.07 | <.30 | <.80 | <.70 | <3.2 | <4.6 |
| 12-20-2011 | 0800 | <3.8 | <.016 | <.016 | <.07 | <.30 | <.80 | <.70 | <3.2 | <4.6 |
| 12-20-2011 | 0825 | 98.9 | <.048 | <.048 | <.21 | <.90 | <2.4 | <2.1 | 19.8 | 182 |
| 12-20-2011 | 0826 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01-24-2012 | 1030 | 178 | <.080 | <.048 | <.35 | <.90 | <4.0 | <2.1 | <12.8 | 238 |
| 01-24-2012 | 1031 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02-22-2012 | 1115 | 260 | <.048 | <.048 | <.21 | <1.8 | <2.4 | 17.8 | <9.6 | 364 |
| 02-22-2012 | 1116 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02-22-2012 | 1300 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03-06-2012 | 1115 | 384 | <.048 | <.048 | <.21 | <.90 | <2.4 | <2.1 | 12.2 | 455 |
| 03-06-2012 | 1116 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03-06-2012 | 1120 | 346 | <.048 | <.048 | <.21 | <.90 | <2.4 | <2.1 | 22.4 | 425 |
| 03-06-2012 | 1121 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03-21-2012 | 0945 | 86.1 | <.048 | <.048 | .55 | <.90 | <2.4 | <2.1 | <9.6 | 184 |
| 03-21-2012 | 0946 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04-17-2012 | 1130 | <3.8 | <.016 | <.016 | <.07 | <.30 | <.80 | <.70 | <3.2 | <4.6 |
| 04-17-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04-17-2012 | 1145 | 181 | <.048 | <.016 | .22 | .35 | <2.4 | <.70 | <12.8 | 235 |
| 04-17-2012 | 1146 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05-31-2012 | 1030 | 35.6 | <.080 | <.048 | <.21 | <.90 | <4.0 | <2.1 | <12.8 | 136 |
| 05-31-2012 | 1031 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06-20-2012 | 1045 | 44.6 | <.080 | <.096 | <.35 | <1.8 | <4.0 | <4.2 | <12.8 | 111 |
| 06-20-2012 | 1046 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07-18-2012 | 1130 | 37.1 | <.048 | <.048 | <.21 | <.90 | <2.4 | <2.1 | 11.5 | 99.2 |
| 07-18-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08-15-2012 | 0800 | 5.7 | <.016 | <.016 | <.07 | <.30 | <.80 | <.70 | <3.2 | <4.6 |
| 08-15-2012 | 1130 | 39.5 | <.080 | <.048 | <.35 | <.90 | <4.0 | <2.1 | 12.9 | 145 |
| 08-15-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09-12-2012 | 1345 | 28.8 | <.048 | <.048 | <.21 | <.90 | <2.4 | <2.1 | <12.8 | 109 |
| 09-12-2012 | 1346 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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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; M, presence verified but not quantified]

| 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 (01051) | Lead, water, unfiltered, recoverable, µg/L (01056) | 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) | | |
| 10-18-2011 | 1240 | <.125 | 1.15 | 7.41 | 70.3 | <.005 | 0.063 | 0.81 | 2.9 | <.025 | |
| 10-18-2011 | 1241 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 11-15-2011 | 0815 | <.075 | 1.45 | 2.97 | 58.0 | <.005 | <.005 | .55 | 1.1 | <.015 | |
| 11-15-2011 | 0816 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 12-15-2011 | 1100 | <.025 | <.04 | .38 | <.4 | .011 | .029 | <.09 | <.19 | <.005 | |
| 12-20-2011 | 0800 | <.025 | .11 | .20 | <.4 | <.005 | <.005 | <.09 | <.19 | <.005 | |
| 12-20-2011 | 0825 | <.075 | 1.18 | 4.27 | 25.4 | <.005 | <.005 | .62 | .58 | <.015 | |
| 12-20-2011 | 0826 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 01-24-2012 | 1030 | <.125 | 1.30 | 4.25 | 14.3 | <.005 | <.005 | <.45 | .77 | <.025 | |
| 01-24-2012 | 1031 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 02-22-2012 | 1115 | <.075 | 1.49 | 3.35 | 13.7 | <.005 | <.005 | .59 | <1.1 | <.015 | |
| 02-22-2012 | 1116 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 02-22-2012 | 1300 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 03-06-2012 | 1115 | <.075 | 1.60 | 4.34 | 16.5 | <.005 | <.005 | .54 | .90 | <.015 | |
| 03-06-2012 | 1116 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 03-06-2012 | 1120 | .091 | 1.53 | 3.24 | 15.9 | <.005 | <.005 | .54 | .78 | <.015 | |
| 03-06-2012 | 1121 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 03-21-2012 | 0945 | <.075 | .79 | 7.63 | 20.8 | <.005 | <.005 | .52 | <.57 | <.015 | |
| 03-21-2012 | 0946 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 04-17-2012 | 1130 | <.025 | <.04 | .35 | <.4 | <.005 | <.005 | <.09 | <.19 | .009 | |
| 04-17-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 04-17-2012 | 1145 | <.075 | .98 | 3.14 | 30.6 | <.005 | <.005 | .66 | .63 | <.015 | |
| 04-17-2012 | 1146 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 05-31-2012 | 1030 | <.125 | .49 | 3.88 | 55.1 | <.005 | <.005 | .59 | <.57 | <.025 | |
| 05-31-2012 | 1031 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 06-20-2012 | 1045 | <.125 | .60 | 4.12 | 51.5 | <.005 | <.005 | .50 | <1.1 | <.025 | |
| 06-20-2012 | 1046 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 07-18-2012 | 1130 | <.075 | .39 | 5.31 | 68.3 | <.005 | <.005 | .65 | <.57 | <.015 | |
| 07-18-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 08-15-2012 | 0800 | <.025 | <.04 | <.13 | <.4 | <.005 | <.005 | <.09 | <.19 | <.005 | |
| 08-15-2012 | 1130 | <.125 | .51 | 1.82 | 77.9 | <.005 | <.005 | .52 | <.57 | <.025 | |
| 08-15-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 09-12-2012 | 1345 | <.075 | .52 | 3.00 | 69.1 | <.005 | <.005 | .43 | <.57 | <.015 | |
| 09-12-2012 | 1346 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |

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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; M, presence verified but not quantified]

| 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) |
|------------|-------------------|--|---|--|--|--|---|---|---|---|
| 10-18-2011 | 1240 | <.060 | < 7.0 | < 12.0 | 2.1 | 4.1 | 0.24 | < 1.25 | < .30 | M |
| 10-18-2011 | 1241 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11-15-2011 | 0815 | <.045 | < 4.2 | < 9.0 | 1.7 | 2.6 | .24 | .304 | < .30 | < .6 |
| 11-15-2011 | 0816 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12-15-2011 | 1100 | <.015 | < 1.4 | < 3.0 | < .03 | < .28 | < .03 | < .050 | < .30 | < .6 |
| 12-20-2011 | 0800 | <.015 | < 1.4 | 9.0 | < .03 | < .28 | < .03 | < .050 | < .30 | < .6 |
| 12-20-2011 | 0825 | <.045 | < 4.2 | < 9.0 | 1.6 | 2.2 | .27 | .379 | < .30 | E .1 |
| 12-20-2011 | 0826 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01-24-2012 | 1030 | <.045 | < 7.0 | < 9.0 | .78 | 2.1 | .23 | .640 | < .30 | < .6 |
| 01-24-2012 | 1031 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02-22-2012 | 1115 | <.045 | < 4.2 | < 18.0 | 1.1 | 2.0 | .10 | < .300 | < .30 | < .6 |
| 02-22-2012 | 1116 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02-22-2012 | 1300 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03-06-2012 | 1115 | <.045 | < 4.2 | < 9.0 | 1.5 | 2.3 | .12 | .566 | < .30 | < .6 |
| 03-06-2012 | 1116 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03-06-2012 | 1120 | <.045 | < 4.2 | < 9.0 | 1.5 | 2.1 | .14 | .279 | < .30 | < .6 |
| 03-06-2012 | 1121 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03-21-2012 | 0945 | <.045 | < 4.2 | < 9.0 | 1.3 | 1.8 | .13 | .187 | -- | -- |
| 03-21-2012 | 0946 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04-17-2012 | 1130 | <.015 | < 1.4 | < 3.0 | < .03 | < .28 | < .03 | < .050 | -- | -- |
| 04-17-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04-17-2012 | 1145 | <.015 | < 4.2 | < 3.0 | 1.9 | 2.0 | .28 | .434 | -- | -- |
| 04-17-2012 | 1146 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05-31-2012 | 1030 | <.045 | < 4.2 | < 9.0 | 1.5 | 2.0 | .26 | < .150 | -- | -- |
| 05-31-2012 | 1031 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06-20-2012 | 1045 | <.090 | < 7.0 | < 18.0 | 1.7 | 1.7 | .17 | < .300 | -- | -- |
| 06-20-2012 | 1046 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07-18-2012 | 1130 | <.045 | < 4.2 | < 9.0 | 2.2 | 2.7 | .23 | .230 | -- | -- |
| 07-18-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08-15-2012 | 0800 | <.015 | < 1.4 | < 3.0 | < .03 | < .28 | < .03 | < .050 | -- | -- |
| 08-15-2012 | 1130 | <.045 | < 7.0 | < 9.0 | 2.3 | 2.3 | .17 | .412 | -- | -- |
| 08-15-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09-12-2012 | 1345 | <.045 | < 4.2 | < 9.0 | 2.1 | 2.3 | .32 | .224 | -- | -- |
| 09-12-2012 | 1346 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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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; M, presence verified but not quantified]

| Date | Sample start time | Benzo[a]-anthracene, water, unfiltered, recoverable, µg/L (34526) | Benzo[a]-pyrene, water, unfiltered, recoverable, µg/L (34247) | Benzo[a]-fluoranthene, water, unfiltered, recoverable, µg/L (34230) | Benzo[k]-fluoranthenes, water, unfiltered, recoverable, µg/L (34242) | Bis(2-chloroethyl) 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]-anthracene, water, unfiltered, recoverable, µg/L (34556) | Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, µg/L (34403) |
|------------|-------------------|---|---|---|--|--|---|--|--|--|
| 10-18-2011 | 1240 | <.26 | <.32 | <.30 | <.30 | <.30 | <2.6 | <.32 | <.42 | <.38 |
| 10-18-2011 | 1241 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11-15-2011 | 0815 | <.26 | <.32 | <.30 | <.30 | <.30 | <2.6 | <.32 | <.42 | <.38 |
| 11-15-2011 | 0816 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12-15-2011 | 1100 | <.26 | <.32 | <.30 | <.30 | <.30 | <2.6 | <.32 | <.42 | <.38 |
| 12-20-2011 | 0800 | <.26 | <.32 | <.30 | <.30 | <.30 | E.3 | .01 | <.42 | <.38 |
| 12-20-2011 | 0825 | <.26 | <.32 | <.30 | <.30 | <.30 | <2.6 | <.32 | <.42 | <.38 |
| 12-20-2011 | 0826 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01-24-2012 | 1030 | <.26 | <.32 | <.30 | <.30 | <.30 | <2.6 | <.32 | <.42 | <.38 |
| 01-24-2012 | 1031 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02-22-2012 | 1115 | <.26 | <.32 | <.30 | <.30 | <.30 | <2.6 | <.32 | <.42 | <.38 |
| 02-22-2012 | 1116 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02-22-2012 | 1300 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03-06-2012 | 1115 | <.26 | <.32 | <.30 | <.30 | <.30 | <2.6 | <.32 | <.42 | <.38 |
| 03-06-2012 | 1116 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03-06-2012 | 1120 | <.26 | <.32 | <.30 | <.30 | <.30 | <2.6 | <.32 | <.42 | <.38 |
| 03-06-2012 | 1121 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03-21-2012 | 0945 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03-21-2012 | 0946 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04-17-2012 | 1130 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04-17-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04-17-2012 | 1145 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04-17-2012 | 1146 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05-31-2012 | 1030 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05-31-2012 | 1031 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06-20-2012 | 1045 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06-20-2012 | 1046 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07-18-2012 | 1130 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07-18-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08-15-2012 | 0800 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08-15-2012 | 1130 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08-15-2012 | 1131 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09-12-2012 | 1345 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09-12-2012 | 1346 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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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; M, presence verified but not quantified]

| Date | Sample start time | N-Nitro-sodi-methyl-amine, water, unfiltered, recover- | N-Nitro-sodi-n-propyl-amine, water, unfiltered, recover- | Phenanthrene, water, unfiltered, recover- |
|------------|-------------------|---|---|--|
| | | able, µg/L (34438) | able, µg/L (34428) | able, µg/L (34461) |
| 10-18-2011 | 1240 | <.24 | <.4 | <.32 |
| 10-18-2011 | 1241 | -- | -- | -- |
| 11-15-2011 | 0815 | <.24 | <.4 | <.32 |
| 11-15-2011 | 0816 | -- | -- | -- |
| 12-15-2011 | 1100 | <.24 | <.4 | <.32 |
| 12-20-2011 | 0800 | <.24 | <.4 | <.32 |
| 12-20-2011 | 0825 | <.24 | <.4 | <.32 |
| 12-20-2011 | 0826 | -- | -- | -- |
| 01-24-2012 | 1030 | <.24 | <.4 | <.32 |
| 01-24-2012 | 1031 | -- | -- | -- |
| 02-22-2012 | 1115 | <.24 | <.4 | <.32 |
| 02-22-2012 | 1116 | -- | -- | -- |
| 02-22-2012 | 1300 | -- | -- | -- |
| 03-06-2012 | 1115 | <.24 | <.4 | <.32 |
| 03-06-2012 | 1116 | -- | -- | -- |
| 03-06-2012 | 1120 | <.24 | <.4 | <.32 |
| 03-06-2012 | 1121 | -- | -- | -- |
| 03-21-2012 | 0945 | -- | -- | -- |
| 03-21-2012 | 0946 | -- | -- | -- |
| 04-17-2012 | 1130 | -- | -- | -- |
| 04-17-2012 | 1131 | -- | -- | -- |
| 04-17-2012 | 1145 | -- | -- | -- |
| 04-17-2012 | 1146 | -- | -- | -- |
| 05-31-2012 | 1030 | -- | -- | -- |
| 05-31-2012 | 1031 | -- | -- | -- |
| 06-20-2012 | 1045 | -- | -- | -- |
| 06-20-2012 | 1046 | -- | -- | -- |
| 07-18-2012 | 1130 | -- | -- | -- |
| 07-18-2012 | 1131 | -- | -- | -- |
| 08-15-2012 | 0800 | -- | -- | -- |
| 08-15-2012 | 1130 | -- | -- | -- |
| 08-15-2012 | 1131 | -- | -- | -- |
| 09-12-2012 | 1345 | -- | -- | -- |
| 09-12-2012 | 1346 | -- | -- | -- |