

## Water-Data Report 2012

**0209691604 COLLINS CREEK MIDSTREAM BELOW SECONDARY ROAD 1006 NEAR WHITE CROSS, NC**

 Cape Fear Basin  
 Haw Subbasin

LOCATION.--Lat 35°56'20.3", long 79°12'14.9" referenced to North American Datum of 1983, Orange County, NC, Hydrologic Unit 03030002, approximately 0.5 mi west of Orange Grove Road, and 1.6 mi northwest of White Cross, located on Collins Creek upstream of the confluence of unnamed tributary 1 and unnamed tributary 2.

 DRAINAGE AREA.--2.55 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

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

REMARKS.--Station operated to evaluate effects of land-applied municipal biosolids on water quality.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 1 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °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, mm Hg (00025)	Discharge, instantane-ous, ft <sup>3</sup> /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	water, unfiltered, field, standard units (00400)	pH, water, standard units (00400)	Specific conduc-tance, water, unfiltered, µS/cm at 25°C (00095)
11-29-2011	1225	Surface water	Regular	750	4.9	8.0	6.0	58	
11-29-2011	1226	QC sample - Surface water	Duplicate	--	--	--	--	--	--

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 2 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Tempera-ture, water, °C (00010)	Magne-			Alkalinity, water, filtered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO <sub>3</sub> (29801)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Sulfate, water, filtered, mg/L (00945)
			Calcium, water, filtered, mg/L (00915)	Sodium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)				
11-29-2011	1225	12.7	3.78	1.65	3.90	3.52	9.9	5.29	< .04
11-29-2011	1226	--	--	--	--	--	--	--	--

## 0209691604 COLLINS CREEK MIDSTREAM BELOW SECONDARY ROAD 1006 NEAR WHITE CROSS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 3 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Ammonia			Nitrate			Orthophosphate			Phosphorus			Escherichia coli			Fecal
		plus organic nitrogen, water, unfiltered,	Ammonia, water, filtered,	mg/L as N (00625)	plus nitrite, water, filtered,	Ammonia, water, filtered,	mg/L as N (00631)	Orthophosphate, water, filtered,	Phosphorus, water, unfiltered,	mg/L as P (00671)	Orthophosphate, water, filtered,	Phosphorus, water, unfiltered,	mg/L as P (00665)	Defined Substrate Technology, MPN/100 mL	M-FC MF (0.45 micron)	col/100 mL	Method, water, filtered, µg/L
11-29-2011	1225	1.4	< .010	0.488	0.141	0.299	46,000	32,000	727								
11-29-2011	1226	--	--	--	--	--	--	--	--	32,000	--	--	--	--	--	--	

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 4 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	1,4-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34571)						Atrazine, water, unfiltered, recoverable, µg/L (39630)						Bromacil, water, unfiltered, recoverable, µg/L (30234)						Camphor, water, unfiltered, recoverable, µg/L (62817)						Carbaryl, water, unfiltered, recoverable, µg/L (39750)						Carbazole, water, unfiltered, recoverable, µg/L (77571)						Chlorpyrifos, water, unfiltered, recoverable, µg/L (38932)						DEET, water, unfiltered, recoverable, µg/L (61947)						Diazinon, water, unfiltered, recoverable, µg/L (39570)					
		Chlor-	pyrifos,	DEET,	Diazinon,	Chlor-	pyrifos,	DEET,	Diazinon,	Chlor-	pyrifos,	DEET,	Diazinon,	Chlor-	pyrifos,	DEET,	Diazinon,	Chlor-	pyrifos,	DEET,	Diazinon,	Chlor-	pyrifos,	DEET,	Diazinon,	Chlor-	pyrifos,	DEET,	Diazinon,	Chlor-	pyrifos,	DEET,	Diazinon,	Chlor-	pyrifos,	DEET,	Diazinon,																		
11-29-2011	1225	0.02	< .16	< .16	0.14	< .06	< .020	< .12	0.33	< .32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--																			
11-29-2011	1226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--																			

## 0209691604 COLLINS CREEK MIDSTREAM BELOW SECONDARY ROAD 1006 NEAR WHITE CROSS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 5 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Dichlorvos, water, unfiltered, recoverable, µg/L (30218)	Metalaxyl, water, unfiltered, recoverable, µg/L (04254)	Metola-chlor, water, unfiltered, recoverable, µg/L (82612)	p-Cresol, water, unfiltered, recoverable, µg/L (77146)	Penta-chlorophenol, water, unfiltered, recoverable, µg/L (39032)	Prometon, water, unfiltered, recoverable, µg/L (39056)	Thiabenda-zole, water, filtered, recoverable, e, microgram s per liter (62801)	Dimethylxanthine, water, filtered, recoverable, e, microgram s per liter (62030)	1,7-anthine, water, recoverable, e, µg/L (81696)
11-29-2011	1225	< .08	< .16	< .04	0.23	< 1.6	< .16	< .060	< .100	< .04
11-29-2011	1226	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 6 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	2,6-Dimethyl-naphthalene, water, unfiltered, recoverable, µg/L (62805)	2-Methyl-naphthalene, water, unfiltered, recoverable, µg/L (30194)	3,4-Dichlorophenyl isocyanate, water, unfiltered, recoverable, µg/L (63145)	3-beta-Co-prostanol, water, unfiltered, recoverable, µg/L (62806)	3-Methyl-1H-indole, water, unfiltered, recoverable, µg/L (62807)	3-tert-Butyl-4-hydroxy-anisole, water, unfiltered, recoverable, µg/L (61702)	4-Cumyl-phenol, water, unfiltered, recoverable, µg/L (62808)	Epichlorotetrahydrochloride, water, filtered, recoverable, µg/L (63731)	4-racycline, water, filtered, recoverable, µg/L (63729)
11-29-2011	1225	< .04	< .04	< .32	E .3	< .04	< .16	< .04	< .010	< .010
11-29-2011	1226	--	--	--	--	--	--	--	--	--

## 0209691604 COLLINS CREEK MIDSTREAM BELOW SECONDARY ROAD 1006 NEAR WHITE CROSS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 7 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	4-Epitetracline hydrochloride, water, recoverable, Sample microgram s per liter (63727)	4-n-Octylide, water, unfiltered, recoverable, µg/L (62809)	4-Nonylphenol (sum of all isomers), water, recoverable, µg/L (62829)	4-Nonylphenol diethoxylate (sum of all isomers), water, recoverable, µg/L (61703)	4-tert-Octylphenol (sum of all isomers), water, recoverable, µg/L (61704)	4-tert-Octylphenol diethoxylate, water, recoverable, µg/L (62486)	4-tert-Octylphenol ethoxylate, water, recoverable, µg/L (62485)	4-tert-Octylphenol, water, recoverable, µg/L (62810)	5-Methyl-1H-benzotriazole, water, recoverable, µg/L (61944)
11-29-2011	1225	< .010	< .02	< 1.6	< 1.6	< 1.6	< .2	< .6	< .4	< 1.28
11-29-2011	1226	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 8 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	9,10-Anthraquinone, water, unfiltered, recoverable, Sample microgram s per liter (62813)	Acetamino phenone, water, filtered, recoverable, µg/L (62000)	Aceto-phenone, water, unfiltered, recoverable, µg/L (62811)	tetrahydro naphthalene, water, unfiltered, recoverable, µg/L (62812)	Anhydroerthromycin, water, filtered, recoverable, µg/L (62020)	Albuterol, water, filtered, recoverable, µg/L (63674)	Anthracene, water, unfiltered, recoverable, µg/L (34220)	Azithromycin, water, filtered, recoverable, µg/L (62792)	BDE 47, water, unfiltered, recoverable, µg/L (63147)
11-29-2011	1225	< .04	< .120	< .4	< .04	< .080	< .005	< .02	< .005	< .04
11-29-2011	1226	--	--	--	--	--	--	--	--	--

## 0209691604 COLLINS CREEK MIDSTREAM BELOW SECONDARY ROAD 1006 NEAR WHITE CROSS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 9 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °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]-pyrene, water, unfiltered, recoverable, µg/L (34247)	Benzo-phenone, water, unfiltered, recoverable, µg/L (62814)	beta-Sitos-terol, water, unfiltered, recoverable, µg/L (62815)	beta-Stig-mastanol, water, unfiltered, recoverable, µg/L (61948)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, µg/L (39100)	Bisphenol A, water, unfiltered, recoverable, µg/L (62816)	Caffeine, water, unfiltered, recoverable, µg/L (50305)	Caffeine, water, unfiltered, recoverable, µg/L (81436)	Carbamazepine, water, filtered, unfiltered, recoverable, micrograms per liter (62793)
11-29-2011	1225	<.02	0.04	<4.8	<3.4	<2	<.04	<.060	<.08	<.005
11-29-2011	1226	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 10 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Chloramphenicol, water, filtered, recoverable, µg/L (65194)	Chlortetra cycline, water, filtered, recoverable, µg/L (61744)	Cholesterol, water, unfiltered, recoverable, µg/L (62818)	Ciprofloxacin, water, filtered, recoverable, µg/L (62898)	Codeine, water, filtered, recoverable, µg/L (62003)	Cotinine, water, filtered, recoverable, µg/L (62005)	Cotinine, water, unfiltered, recoverable, µg/L (61945)	Dehydroniedipine, water, filtered, recoverable, µg/L (62004)	Diethyl phthalate, water, unfiltered, recoverable, µg/L (34336)
11-29-2011	1225	<.100	<.010	<1.6	<.005	<.046	<.038	<.08	<.080	0.1
11-29-2011	1226	--	--	--	--	--	--	--	--	--

## 0209691604 COLLINS CREEK MIDSTREAM BELOW SECONDARY ROAD 1006 NEAR WHITE CROSS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 11 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Diltiazem, water, filtered, recoverabl e, microgram s per liter (62008)	Ramime, water, filtered, recoverabl e, microgram s per liter (62796)	D- Limonene, water, unfiltered, recoverabl e, recoverable, µg/L (62819)	(0.7 micron glass fiber filter), recoverabl e, microgram s per liter (62694)	Enrofloxac in, water, filtered, recoverabl e, microgram s per liter (66495)	Erythromyc in, water, filtered, recoverabl e, microgram s per liter (62797)	Fluoran- thene, unfiltered, recoverabl e, µg/L (34376)	benzo- pyran, unfiltered, recoverabl e, µg/L (62823)	Ibuprofen, water, filtered, recoverabl e, microgram s per liter (62014)
11-29-2011	1225	<.060	0.028	<.16	<.010	<.005	<.008	<.02	<.04	<.050
11-29-2011	1226	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 12 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Indole, water, unfiltered, recoverabl e, µg/L (62824)	Isoborneol, water, unfiltered, recoverabl e, µg/L (62825)	Isochlordet racycline, e, microgram s per liter (64175)	Iso- tetracycl e, microgram s per liter (64047)	Phorone, water, unfiltered, recoverabl e, µg/L (34408)	Iso- benzene, water, unfiltered, recoverabl e, µg/L (77223)	Isopropyl- phorone, water, unfiltered, recoverabl e, µg/L (77223)	Iso- quinoline, water, unfiltered, recoverabl e, µg/L (62826)	Lincomyci n, water, filtered, recoverabl e, microgram s per liter (62894)	Lomefloxacin, water, filtered, recoverabl e, microgram s per liter (62900)
11-29-2011	1225	0.02	<.403	<.010	<.010	0.066	<.04	<.04	<.04	<.005	<.005
11-29-2011	1226	--	--	--	--	--	--	--	--	--	--

## 0209691604 COLLINS CREEK MIDSTREAM BELOW SECONDARY ROAD 1006 NEAR WHITE CROSS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 13 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Norfloxaci				Oxytetracy				Phenanthrene, water, unfiltered, recoverable, µg/L (34461)	Phenol, water, unfiltered, recoverable, µg/L (34694)
		Menthol, water, unfiltered, recoverable, µg/L (62827)	Methyl salicylate, water, unfiltered, recoverable, µg/L (62828)	Naphthalene, water, unfiltered, recoverable, µg/L (34696)	(0.7 micron glass fiber filter), recoverable, e, µg/L (62757)	Ofoxacin, water, filtered, recoverable, e, µg/L (62899)	Ormetoprin, water, filtered, recoverable, e, µg/L (62962)	cline, water, filtered, recoverable, e, µg/L (61759)			
11-29-2011	1225	< .81	0.10	< .02	< .005	< .005	< .005	< .010	< .02	0.18	
11-29-2011	1226	--	--	--	--	--	--	--	--	--	

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 14 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Sulfachlor				Sulfadimet				Sulfameth		
		Roxithrom	Sarafloxac	pyridazine, in, water, filtered	water, filtered	hoxine, water, filtered	Sulfadiazine, water, filtered	(0.7 micron glass fiber filter), recoverable, e, µg/L (62771)	(0.7 micron glass fiber filter), recoverable, e, µg/L (62774)	(0.7 micron glass fiber filter), recoverable, e, µg/L (62963)	(0.7 micron glass fiber filter), recoverable, e, µg/L (62776)	oxazole, water, filtered
11-29-2011	1225	< .02	< .005	< .005	< .005	< .005	< .005	< .005	< .005	< .005	< .005	< .091
11-29-2011	1226	--	--	--	--	--	--	--	--	--	--	--

## 0209691604 COLLINS CREEK MIDSTREAM BELOW SECONDARY ROAD 1006 NEAR WHITE CROSS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 15 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Sulfathiazole, water, filtered (0.7 micron glass fiber filter), recoverable	Tetracycline, water, filtered (0.7 micron chloroethene, water, recoverable)	Tribromo-methane, water, recoverable	Tributyl phosphate, water, recoverable	Triclosan, water, recoverable	Triethyl citrate, water, recoverable	Trimethoprim, water, filtered, recoverable	Triphenyl phosphate, water, unfiltered, recoverable
		micrograms per liter (62778)	micrograms per liter (34475)	micrograms per liter (62781)	micrograms per liter (32104)	micrograms per liter (62832)	micrograms per liter (61708)	micrograms per liter (62833)	micrograms per liter (62023)
11-29-2011	1225	< .005	< .16	< .010	< .16	< .064	< .32	< .04	< .005
11-29-2011	1226	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 16 of 16

[CaCO<sub>3</sub>, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Tris(2-butoxyethyl) phosphate, water, unfiltered, recoverable	Tris(2-chloroethyl) phosphate, water, unfiltered, recoverable	Tris(di-chloroisopropyl) phosphate, water, unfiltered, recoverable	Tylosin, water, filtered, recoverable	Virginiamycin, water, filtered, recoverable	Warfarin, water, filtered, recoverable
		micrograms per liter (62830)	micrograms per liter (62831)	micrograms per liter (61707)	micrograms per liter (62896)	micrograms per liter (62897)	micrograms per liter (62024)
11-29-2011	1225	< .64	< .16	< .32	< .010	< .005	< .080
11-29-2011	1226	--	--	--	--	--	--