



Water-Data Report 2007

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC

Roanoke Basin
Lower Roanoke Subbasin

LOCATION.--Lat 35°49'44", long 76°54'12" referenced to North American Datum of 1983, Martin County, NC, Hydrologic Unit 03010107, 200 ft upstream of Roanoke River at mouth of Devils Gut, 1.34 mi north of Jamesville.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 2006, 2007, discharge measurements only.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft³/s
Oct 18, 2006	1,670
Nov 7, 2006	1,360
Apr 3, 2007	1,150
May 2, 2007	6,039
May 15, 2007	644
May 30, 2007	601
Jun 27, 2007	388
Jul 18, 2007	658
Aug 1, 2007	370
Aug 14, 2007	219
Sep 5, 2007	445
Sep 19, 2007	-86.5

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2006 to 2008.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June to November 2006, March to November 2007.

pH: June to November 2006, March to November 2007.

WATER TEMPERATURE: June to November 2006, March to November 2007.

DISSOLVED OXYGEN: June to November 2006, March to November 2007.

DISSOLVED OXYGEN, PERCENT SATURATION: June to November 2006, March to November 2007.

INSTRUMENTATION.--Water-quality monitor with self-logging minisonde, June to November 2006, March to November 2007.

REMARKS.--Station operated in cooperation with the U.S. Army Corps of Engineers. Dissolved oxygen, percent saturation, is computed using a barometric pressure of 760 mm of Hg.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 160 microsiemens, October 17, 18, 2007; minimum recorded, 71 microsiemens, September 6, 2006.

pH: Maximum recorded, 8.1 standard units, August 8, 2007; minimum recorded, 6.1 standard units, March 24, 25, 26, 27, 28, 2007.

WATER TEMPERATURE: Maximum recorded, 31.4°C, August 9, 2007; minimum recorded, 10.0°C, March 21, 2007.

DISSOLVED OXYGEN: Maximum recorded, 10.8 mg/L, March 21, 2007; minimum recorded, 0.8, September 9, 2006.

DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 133%, August 8, 2007; minimum recorded, 9%, September 9, 2006.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 160 microsiemens, October 17, 18, 2007; minimum recorded, 81 microsiemens, April 16, 2007.

pH: Maximum recorded, 8.1 standard units, August 8, 2007; minimum recorded, 6.1 standard units, March 24, 25, 26, 27, 28, 2007.

WATER TEMPERATURE: Maximum recorded, 31.4°C, August 9, 2007; minimum recorded, 10.0°C, March 21, 2007.

DISSOLVED OXYGEN: Maximum recorded, 10.8 mg/L, March 21, 2007; minimum recorded, 2.1, October 26, 2007.

DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 133%, August 8, 2007; minimum recorded, 24%, October 26, 2007.

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf μ S/cm 25 degC (00095)	Temperature, water, deg C (00010)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
Oct							
18...	1615	1,670	6.8	6.8	110	19.2	<2.0
Nov							
07...	1145	1,360	9.0	7.0	119	13.9	<1.0
Apr							
03...	1845	1,150	8.8	6.8	99	16.0	<1.0
24...	1730	6,230	--	6.7	104	17.8	<1.0
May							
02...	0930	6,160	4.2	6.7	100	19.2	<2.0
15...	1530	644	6.8	7.0	110	19.5	<1.0
30...	1430	601	7.0	7.0	110	24.1	<1.0
Jun							
12...	1500	416	6.4	7.1	116	27.5	<1.0
27...	1515	388	--	7.1	112	27.7	<1.0
Jul							
18...	1000	658	5.8	7.1	121	27.9	<1.0
Aug							
01...	1115	370	5.4	7.0	117	27.8	<1.0
14...	1500	219	5.1	7.0	119	28.4	<1.0
Sep							
05...	1500	445	6.1	7.1	134	27.1	<1.0
19...	0930	-86	6.8	7.3	141	25.3	<1.0

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf μ S/cm 25 degC (00095)	Temperature, water, deg C (00010)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
Oct							
04...	0845	41	8.7	7.1	157	24.6	<1.0
Nov							
07...	1000	144	7.6	7.3	128	15.1	<1.0

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	144	124	132	116	115	115	---	---	---	---	---	---
2	144	138	141	119	116	117	---	---	---	---	---	---
3	141	130	136	126	118	122	---	---	---	---	---	---
4	135	123	128	129	122	125	---	---	---	---	---	---
5	---	---	---	124	115	117	---	---	---	---	---	---
6	---	---	---	116	115	116	---	---	---	---	---	---
7	133	121	126	---	---	---	---	---	---	---	---	---
8	128	120	125	---	---	---	---	---	---	---	---	---
9	126	120	123	---	---	---	---	---	---	---	---	---
10	134	120	128	---	---	---	---	---	---	---	---	---
11	128	118	122	---	---	---	---	---	---	---	---	---
12	130	117	122	---	---	---	---	---	---	---	---	---
13	131	117	122	---	---	---	---	---	---	---	---	---
14	125	117	121	---	---	---	---	---	---	---	---	---
15	123	116	120	---	---	---	---	---	---	---	---	---
16	123	117	120	---	---	---	---	---	---	---	---	---
17	121	116	119	---	---	---	---	---	---	---	---	---
18	120	112	116	---	---	---	---	---	---	---	---	---
19	115	111	113	---	---	---	---	---	---	---	---	---
20	114	112	113	---	---	---	---	---	---	---	---	---
21	116	113	114	---	---	---	---	---	---	---	---	---
22	115	113	114	---	---	---	---	---	---	---	---	---
23	117	111	112	---	---	---	---	---	---	---	---	---
24	115	113	114	---	---	---	---	---	---	---	---	---
25	120	115	117	---	---	---	---	---	---	---	---	---
26	120	114	117	---	---	---	---	---	---	---	---	---
27	117	114	115	---	---	---	---	---	---	---	---	---
28	116	109	112	---	---	---	---	---	---	---	---	---
29	112	109	110	---	---	---	---	---	---	---	---	---
30	113	110	111	---	---	---	---	---	---	---	---	---
31	116	112	114	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	103	101	102	103	102	103
2	---	---	---	---	---	---	109	103	106	104	101	103
3	---	---	---	---	---	---	108	99	103	104	102	103
4	---	---	---	---	---	---	101	100	100	109	103	104
5	---	---	---	---	---	---	101	100	101	107	103	104
6	---	---	---	---	---	---	101	101	101	104	99	101
7	---	---	---	---	---	---	102	100	101	102	100	101
8	---	---	---	---	---	---	101	100	101	104	100	102
9	---	---	---	---	---	---	100	100	100	106	104	105
10	---	---	---	---	---	---	101	100	100	110	106	108
11	---	---	---	---	---	---	101	100	101	111	108	109
12	---	---	---	---	---	---	101	97	99	112	108	109
13	---	---	---	---	---	---	100	99	99	116	109	110
14	---	---	---	---	---	---	101	100	100	111	108	110
15	---	---	---	---	---	---	101	82	93	111	108	109
16	---	---	---	---	---	---	88	81	84	111	108	109
17	---	---	---	---	---	---	90	82	86	111	108	109
18	---	---	---	---	---	---	95	90	93	111	108	109
19	---	---	---	---	---	---	95	94	95	108	107	108
20	---	---	---	---	---	---	96	94	95	110	107	108
21	---	---	---	---	---	---	100	96	97	109	107	108
22	---	---	---	96	95	95	100	97	98	110	107	107
23	---	---	---	96	95	96	99	98	99	---	---	---
24	---	---	---	102	95	95	100	97	98	110	107	108
25	---	---	---	101	94	97	98	97	97	110	107	108
26	---	---	---	99	94	95	98	98	98	109	107	108
27	---	---	---	98	95	97	100	98	100	110	107	108
28	---	---	---	99	97	98	101	100	101	109	106	108
29	---	---	---	103	98	100	102	101	101	111	107	109
30	---	---	---	107	99	102	102	102	102	112	107	109
31	---	---	---	103	100	101	---	---	---	112	109	110
Month	---	---	---	---	---	---	109	81	98	---	---	---

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	112	108	110	119	114	117	124	117	120	126	117	124
2	110	108	109	114	108	110	124	118	122	126	122	125
3	---	---	---	118	108	114	126	117	122	125	120	122
4	---	---	---	119	117	118	131	125	129	130	120	125
5	112	109	110	119	117	118	130	116	122	131	123	128
6	110	107	108	119	117	118	124	120	122	128	120	123
7	109	108	109	119	118	119	124	118	122	133	124	128
8	110	108	108	119	118	118	120	117	119	133	130	132
9	112	109	110	119	118	118	124	117	120	133	131	131
10	113	111	112	122	117	119	128	119	123	132	129	131
11	113	110	112	120	118	119	128	120	126	132	121	127
12	112	110	111	119	118	119	121	113	119	133	123	126
13	115	107	110	120	118	119	115	110	112	134	122	130
14	114	108	110	119	117	118	120	112	117	133	122	128
15	117	110	115	117	110	115	115	109	111	131	123	127
16	117	115	116	114	109	111	112	109	110	131	124	128
17	---	---	---	118	113	116	127	110	116	141	123	135
18	117	115	116	117	113	115	129	118	126	144	135	141
19	117	115	116	118	115	117	132	128	131	141	137	138
20	117	116	117	117	115	116	133	124	128	137	134	136
21	118	115	117	118	115	116	128	121	126	135	130	133
22	116	107	112	119	116	118	127	89	118	135	133	134
23	113	105	109	122	116	120	106	88	98	138	134	136
24	112	106	109	124	121	122	111	105	109	140	135	138
25	109	106	107	126	121	123	113	98	108	140	138	140
26	117	109	112	129	125	127	119	113	116	143	139	141
27	115	109	111	132	127	130	130	118	125	145	141	143
28	121	114	118	134	130	132	126	115	121	150	142	146
29	122	119	120	133	131	132	122	115	118	151	147	150
30	120	115	119	135	132	134	117	111	113	151	148	150
31	---	---	---	134	122	130	118	111	114	---	---	---
Month	---	---	---	135	108	120	133	88	119	151	117	133

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**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	150	145	147	136	124	130	---	---	---	---	---	---
2	147	146	147	143	125	133	---	---	---	---	---	---
3	152	147	149	142	134	140	---	---	---	---	---	---
4	152	150	150	143	137	140	---	---	---	---	---	---
5	150	138	146	142	136	139	---	---	---	---	---	---
6	147	127	134	140	131	136	---	---	---	---	---	---
7	146	128	137	---	---	---	---	---	---	---	---	---
8	149	144	146	---	---	---	---	---	---	---	---	---
9	150	147	148	---	---	---	---	---	---	---	---	---
10	151	148	149	---	---	---	---	---	---	---	---	---
11	150	142	146	---	---	---	---	---	---	---	---	---
12	145	142	144	---	---	---	---	---	---	---	---	---
13	144	138	141	---	---	---	---	---	---	---	---	---
14	142	135	140	---	---	---	---	---	---	---	---	---
15	149	134	139	---	---	---	---	---	---	---	---	---
16	159	142	155	---	---	---	---	---	---	---	---	---
17	160	155	158	---	---	---	---	---	---	---	---	---
18	160	156	158	---	---	---	---	---	---	---	---	---
19	157	149	155	---	---	---	---	---	---	---	---	---
20	156	149	152	---	---	---	---	---	---	---	---	---
21	151	145	148	---	---	---	---	---	---	---	---	---
22	150	144	147	---	---	---	---	---	---	---	---	---
23	154	147	151	---	---	---	---	---	---	---	---	---
24	155	150	153	---	---	---	---	---	---	---	---	---
25	157	150	153	---	---	---	---	---	---	---	---	---
26	158	151	155	---	---	---	---	---	---	---	---	---
27	156	143	149	---	---	---	---	---	---	---	---	---
28	146	139	143	---	---	---	---	---	---	---	---	---
29	145	131	140	---	---	---	---	---	---	---	---	---
30	139	129	135	---	---	---	---	---	---	---	---	---
31	140	130	135	---	---	---	---	---	---	---	---	---
Month	160	127	147	---	---	---	---	---	---	---	---	---

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	7.1	7.0	7.1	6.7	6.6	6.7	---	---	---	---	---	---
2	7.1	6.9	7.0	6.7	6.6	6.7	---	---	---	---	---	---
3	7.2	7.0	7.1	6.8	6.6	6.7	---	---	---	---	---	---
4	7.1	7.0	7.0	7.0	6.8	7.0	---	---	---	---	---	---
5	7.2	7.0	7.1	7.1	7.0	7.1	---	---	---	---	---	---
6	7.2	7.1	7.1	7.1	7.1	7.1	---	---	---	---	---	---
7	7.1	6.9	7.0	---	---	---	---	---	---	---	---	---
8	7.2	6.9	7.0	---	---	---	---	---	---	---	---	---
9	7.1	6.9	7.0	---	---	---	---	---	---	---	---	---
10	7.1	7.0	7.1	---	---	---	---	---	---	---	---	---
11	7.1	7.0	7.0	---	---	---	---	---	---	---	---	---
12	7.1	7.0	7.1	---	---	---	---	---	---	---	---	---
13	7.1	7.0	7.1	---	---	---	---	---	---	---	---	---
14	7.1	6.9	7.0	---	---	---	---	---	---	---	---	---
15	7.2	6.9	7.1	---	---	---	---	---	---	---	---	---
16	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
17	7.0	6.9	7.0	---	---	---	---	---	---	---	---	---
18	7.0	6.7	6.9	---	---	---	---	---	---	---	---	---
19	6.8	6.7	6.8	---	---	---	---	---	---	---	---	---
20	6.8	6.7	6.8	---	---	---	---	---	---	---	---	---
21	6.8	6.7	6.7	---	---	---	---	---	---	---	---	---
22	6.7	6.7	6.7	---	---	---	---	---	---	---	---	---
23	6.7	6.6	6.6	---	---	---	---	---	---	---	---	---
24	6.8	6.6	6.7	---	---	---	---	---	---	---	---	---
25	6.9	6.8	6.9	---	---	---	---	---	---	---	---	---
26	7.0	6.9	6.9	---	---	---	---	---	---	---	---	---
27	7.0	6.9	6.9	---	---	---	---	---	---	---	---	---
28	7.0	6.8	6.9	---	---	---	---	---	---	---	---	---
29	6.9	6.6	6.7	---	---	---	---	---	---	---	---	---
30	6.8	6.6	6.7	---	---	---	---	---	---	---	---	---
31	6.7	6.6	6.6	---	---	---	---	---	---	---	---	---
Max	7.2	7.1	7.1	---	---	---	---	---	---	---	---	---
Min	6.7	6.6	6.6	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	---	---	---	---	---	---	6.3	6.2	6.2	6.6	6.6	6.6
2	---	---	---	---	---	---	6.4	6.3	6.3	6.6	6.4	6.5
3	---	---	---	---	---	---	6.7	6.4	6.5	6.5	6.4	6.5
4	---	---	---	---	---	---	6.7	6.6	6.7	6.5	6.4	6.5
5	---	---	---	---	---	---	6.7	6.7	6.7	6.6	6.5	6.6
6	---	---	---	---	---	---	6.7	6.7	6.7	6.7	6.5	6.6
7	---	---	---	---	---	---	6.8	6.6	6.7	6.7	6.5	6.6
8	---	---	---	---	---	---	6.8	6.7	6.7	6.7	6.6	6.6
9	---	---	---	---	---	---	6.8	6.7	6.7	6.7	6.6	6.7
10	---	---	---	---	---	---	6.8	6.6	6.7	6.8	6.6	6.7
11	---	---	---	---	---	---	6.8	6.5	6.6	6.8	6.6	6.8
12	---	---	---	---	---	---	6.6	6.5	6.6	6.9	6.7	6.8
13	---	---	---	---	---	---	6.7	6.4	6.5	6.9	6.8	6.9
14	---	---	---	---	---	---	6.8	6.6	6.7	7.0	6.8	6.8
15	---	---	---	---	---	---	6.8	6.4	6.7	7.0	6.8	6.9
16	---	---	---	---	---	---	6.4	6.3	6.4	7.0	6.9	7.0
17	---	---	---	---	---	---	6.5	6.3	6.4	7.0	7.0	7.0
18	---	---	---	---	---	---	6.6	6.4	6.5	7.0	7.0	7.0
19	---	---	---	---	---	---	6.6	6.5	6.5	7.0	6.9	7.0
20	---	---	---	---	---	---	6.7	6.5	6.6	7.0	7.0	7.0
21	---	---	---	---	---	---	6.7	6.6	6.6	7.1	7.0	7.0
22	---	---	---	6.3	6.3	6.3	6.8	6.6	6.6	7.0	6.9	7.0
23	---	---	---	6.3	6.2	6.2	6.7	6.6	6.6	7.1	7.0	7.0
24	---	---	---	6.2	6.1	6.2	6.7	6.6	6.6	7.1	7.0	7.0
25	---	---	---	6.2	6.1	6.1	6.7	6.6	6.6	7.1	7.0	7.1
26	---	---	---	6.2	6.1	6.2	6.6	6.6	6.6	7.2	7.1	7.1
27	---	---	---	6.2	6.1	6.1	6.6	6.6	6.6	7.2	7.0	7.1
28	---	---	---	6.2	6.1	6.1	6.6	6.5	6.6	7.2	7.0	7.1
29	---	---	---	6.2	6.2	6.2	6.6	6.6	6.6	7.2	7.0	7.1
30	---	---	---	6.3	6.2	6.2	6.6	6.6	6.6	7.2	7.0	7.1
31	---	---	---	6.3	6.2	6.2	---	---	---	7.2	7.0	7.0
Max	---	---	---	---	---	---	6.8	6.7	6.7	7.2	7.1	7.1
Min	---	---	---	---	---	---	6.3	6.2	6.2	6.5	6.4	6.5

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PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	7.1	7.0	7.0	7.0	6.8	6.9	7.3	6.9	7.1	7.0	6.9	7.0
2	7.0	7.0	7.0	7.0	6.8	6.9	7.3	7.0	7.1	7.1	6.8	6.9
3	7.1	6.9	7.0	7.1	6.8	6.9	7.3	7.0	7.1	7.2	6.8	7.0
4	7.0	6.8	6.9	7.1	6.8	6.9	7.2	7.0	7.1	7.3	6.8	7.0
5	7.0	6.7	6.9	7.1	6.8	7.0	7.3	7.0	7.1	7.1	6.9	7.0
6	7.0	6.8	6.9	7.1	6.8	6.9	7.2	7.0	7.1	7.2	6.9	7.0
7	7.1	6.8	6.9	7.0	6.8	6.9	7.4	7.0	7.1	7.3	6.9	7.0
8	7.2	6.8	7.0	7.1	6.8	6.9	8.1	7.0	7.2	7.2	6.9	7.0
9	7.0	6.8	6.9	7.2	6.8	7.0	7.5	7.0	7.2	7.2	6.9	7.1
10	7.0	6.8	6.8	7.6	6.8	7.0	7.4	7.1	7.2	7.2	6.9	7.1
11	7.2	6.8	7.0	7.0	6.8	6.9	7.2	7.1	7.2	7.2	6.9	7.0
12	7.3	6.8	7.0	7.1	6.8	6.9	7.2	6.9	7.1	7.2	7.0	7.1
13	7.1	6.9	7.1	7.0	6.8	6.9	7.1	7.0	7.1	7.1	6.8	7.0
14	7.2	6.9	7.0	7.0	6.8	6.9	7.2	7.0	7.1	7.1	6.8	7.0
15	7.2	6.9	7.0	7.0	6.8	6.9	7.4	7.0	7.1	7.2	6.9	7.1
16	7.2	7.0	7.1	7.0	6.8	6.9	7.4	7.0	7.2	7.1	6.8	7.0
17	7.3	7.0	7.1	7.1	6.8	6.9	7.3	7.0	7.2	7.3	6.8	7.2
18	7.2	6.9	7.0	7.1	6.8	7.0	7.1	6.9	7.0	7.3	6.9	7.2
19	7.0	6.8	7.0	7.0	6.6	6.7	7.3	7.0	7.0	7.4	7.0	7.3
20	7.1	6.9	7.0	7.1	6.8	7.0	7.4	7.0	7.2	7.3	7.2	7.3
21	7.1	7.0	7.1	7.1	6.7	6.9	7.4	7.0	7.2	7.4	7.1	7.2
22	7.1	6.9	7.0	7.2	6.8	7.0	7.2	7.0	7.1	7.4	7.0	7.2
23	7.1	6.9	7.0	7.2	6.8	7.0	7.2	6.9	7.1	7.2	7.0	7.1
24	7.1	6.9	7.0	7.2	7.0	7.0	7.4	7.0	7.2	7.2	7.0	7.0
25	7.1	6.9	6.9	7.8	6.9	7.1	7.5	6.9	7.0	7.1	6.9	7.0
26	7.0	6.8	6.9	7.7	6.9	7.1	7.2	7.0	7.1	7.3	6.9	7.0
27	7.1	6.8	6.9	7.1	6.8	7.0	7.1	7.0	7.1	7.3	7.1	7.2
28	7.3	6.9	7.0	7.2	6.9	7.0	7.1	6.9	7.0	7.2	7.0	7.1
29	7.3	6.9	7.0	7.2	7.0	7.0	7.1	6.9	7.0	7.2	6.9	7.1
30	7.1	6.8	6.9	7.1	7.0	7.0	7.2	6.9	7.0	7.3	7.0	7.2
31	---	---	---	7.2	6.9	7.0	7.2	6.9	7.1	---	---	---
Max	7.3	7.0	7.1	7.8	7.0	7.1	8.1	7.1	7.2	7.4	7.2	7.3
Min	7.0	6.7	6.8	7.0	6.6	6.7	7.1	6.9	7.0	7.0	6.8	6.9

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PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	7.3	7.0	7.3	7.1	7.0	7.1	---	---	---	---	---	---
2	7.5	7.2	7.3	7.3	7.1	7.1	---	---	---	---	---	---
3	7.5	7.1	7.3	7.2	7.0	7.1	---	---	---	---	---	---
4	7.9	7.2	7.3	7.2	7.0	7.1	---	---	---	---	---	---
5	7.8	7.1	7.2	7.3	7.0	7.1	---	---	---	---	---	---
6	7.4	7.0	7.1	7.3	7.1	7.3	---	---	---	---	---	---
7	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
8	7.4	7.0	7.2	---	---	---	---	---	---	---	---	---
9	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
10	7.4	7.2	7.3	---	---	---	---	---	---	---	---	---
11	7.3	7.0	7.2	---	---	---	---	---	---	---	---	---
12	7.3	7.0	7.2	---	---	---	---	---	---	---	---	---
13	7.3	7.1	7.3	---	---	---	---	---	---	---	---	---
14	7.3	7.1	7.3	---	---	---	---	---	---	---	---	---
15	7.4	7.1	7.3	---	---	---	---	---	---	---	---	---
16	7.5	7.2	7.3	---	---	---	---	---	---	---	---	---
17	7.4	7.2	7.3	---	---	---	---	---	---	---	---	---
18	7.4	7.2	7.3	---	---	---	---	---	---	---	---	---
19	7.5	7.1	7.3	---	---	---	---	---	---	---	---	---
20	7.4	7.1	7.2	---	---	---	---	---	---	---	---	---
21	7.2	7.1	7.1	---	---	---	---	---	---	---	---	---
22	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
23	7.4	7.1	7.2	---	---	---	---	---	---	---	---	---
24	7.3	7.2	7.3	---	---	---	---	---	---	---	---	---
25	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
26	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
27	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
28	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
29	7.2	7.0	7.0	---	---	---	---	---	---	---	---	---
30	7.2	7.0	7.2	---	---	---	---	---	---	---	---	---
31	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
Max	7.9	7.2	7.3	---	---	---	---	---	---	---	---	---
Min	7.2	7.0	7.0	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

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PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	23.3	22.3	22.6	16.2	15.0	15.5	---	---	---	---	---	---
2	22.9	22.0	22.3	16.2	15.4	15.8	---	---	---	---	---	---
3	23.4	21.8	22.6	15.5	14.3	14.8	---	---	---	---	---	---
4	23.5	21.8	22.6	14.6	14.2	14.4	---	---	---	---	---	---
5	23.1	22.2	22.6	14.4	13.9	14.1	---	---	---	---	---	---
6	22.8	22.4	22.6	14.4	13.7	14.0	---	---	---	---	---	---
7	22.5	21.6	21.9	---	---	---	---	---	---	---	---	---
8	22.4	21.6	22.0	---	---	---	---	---	---	---	---	---
9	21.8	21.4	21.6	---	---	---	---	---	---	---	---	---
10	21.6	20.2	21.0	---	---	---	---	---	---	---	---	---
11	21.2	20.0	20.7	---	---	---	---	---	---	---	---	---
12	21.5	20.9	21.1	---	---	---	---	---	---	---	---	---
13	21.0	20.0	20.5	---	---	---	---	---	---	---	---	---
14	20.0	19.2	19.5	---	---	---	---	---	---	---	---	---
15	20.0	19.0	19.4	---	---	---	---	---	---	---	---	---
16	19.5	18.6	19.2	---	---	---	---	---	---	---	---	---
17	19.0	18.7	18.8	---	---	---	---	---	---	---	---	---
18	19.3	18.8	19.1	---	---	---	---	---	---	---	---	---
19	19.6	19.0	19.3	---	---	---	---	---	---	---	---	---
20	20.1	19.4	19.7	---	---	---	---	---	---	---	---	---
21	19.9	18.2	18.7	---	---	---	---	---	---	---	---	---
22	18.2	17.2	17.5	---	---	---	---	---	---	---	---	---
23	17.3	16.2	16.8	---	---	---	---	---	---	---	---	---
24	16.2	14.8	15.2	---	---	---	---	---	---	---	---	---
25	15.2	14.5	14.8	---	---	---	---	---	---	---	---	---
26	15.3	14.6	15.0	---	---	---	---	---	---	---	---	---
27	15.2	14.6	14.8	---	---	---	---	---	---	---	---	---
28	15.8	14.7	15.3	---	---	---	---	---	---	---	---	---
29	15.4	14.4	14.7	---	---	---	---	---	---	---	---	---
30	14.8	14.4	14.6	---	---	---	---	---	---	---	---	---
31	15.1	14.6	14.8	---	---	---	---	---	---	---	---	---
Month	23.5	14.4	19.1	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	16.6	15.3	15.9	20.1	18.3	19.1
2	---	---	---	---	---	---	16.5	15.4	16.0	20.8	19.2	19.9
3	---	---	---	---	---	---	16.3	15.0	15.8	20.4	18.7	19.7
4	---	---	---	---	---	---	16.3	15.4	15.8	18.8	17.4	18.0
5	---	---	---	---	---	---	16.4	15.2	15.9	17.9	16.9	17.4
6	---	---	---	---	---	---	15.9	14.6	15.0	18.2	17.0	17.8
7	---	---	---	---	---	---	14.7	13.5	13.9	17.0	15.2	16.0
8	---	---	---	---	---	---	13.5	12.1	12.8	16.8	15.7	16.2
9	---	---	---	---	---	---	13.1	12.1	12.5	17.9	16.8	17.2
10	---	---	---	---	---	---	14.0	11.6	12.6	19.5	17.8	18.3
11	---	---	---	---	---	---	13.7	12.3	12.7	20.2	18.4	19.2
12	---	---	---	---	---	---	16.1	12.9	14.2	20.6	19.6	20.0
13	---	---	---	---	---	---	15.9	13.7	14.8	20.3	19.8	20.0
14	---	---	---	---	---	---	15.1	13.7	14.3	20.1	18.8	19.4
15	---	---	---	---	---	---	16.8	14.5	15.3	21.2	19.1	19.8
16	---	---	---	---	---	---	16.0	13.8	14.7	21.4	19.5	20.2
17	---	---	---	---	---	---	15.0	13.2	14.1	20.4	20.0	20.2
18	---	---	---	---	---	---	14.8	13.5	14.2	20.2	19.7	19.9
19	---	---	---	---	---	---	14.2	13.1	13.5	20.6	19.4	20.0
20	---	---	---	---	---	---	15.2	12.5	13.7	21.3	20.1	20.6
21	---	---	---	---	---	---	16.3	13.2	14.7	21.2	20.6	20.9
22	---	---	---	13.0	10.4	11.4	17.2	14.1	15.6	21.1	20.3	20.8
23	---	---	---	16.1	12.3	13.8	17.8	14.9	16.3	22.1	20.7	21.1
24	---	---	---	17.9	14.4	15.9	17.9	15.9	17.0	22.5	21.3	21.7
25	---	---	---	18.1	15.6	16.7	18.9	16.7	17.8	23.2	22.0	22.4
26	---	---	---	16.6	13.7	15.1	19.0	17.9	18.5	24.1	22.4	22.8
27	---	---	---	18.2	15.1	16.3	19.2	18.4	18.8	24.1	22.6	23.1
28	---	---	---	18.1	16.9	17.4	19.3	18.6	18.9	24.1	23.1	23.6
29	---	---	---	17.3	14.8	15.7	19.2	17.9	18.4	24.7	23.6	24.0
30	---	---	---	15.6	13.8	14.5	19.2	17.6	18.4	25.1	23.9	24.5
31	---	---	---	16.3	14.2	15.0	---	---	---	25.3	24.3	24.6
Month	---	---	---	---	---	---	19.3	11.6	15.4	25.3	15.2	20.3

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	25.6	24.3	24.7	28.5	27.4	27.8	29.1	27.6	28.3	28.5	27.9	28.2
2	25.8	24.6	25.2	28.2	27.3	27.7	29.1	28.0	28.4	28.3	27.1	27.6
3	25.5	24.6	25.0	28.2	26.9	27.5	29.9	27.9	28.6	28.1	26.9	27.5
4	26.1	24.3	24.8	28.0	26.8	27.4	29.4	28.3	28.7	28.5	26.8	27.6
5	26.6	24.5	25.3	28.9	27.0	27.7	29.7	28.4	28.9	28.3	27.1	27.6
6	26.3	24.8	25.5	28.8	27.3	28.0	29.8	28.7	29.3	28.3	26.9	27.6
7	26.5	24.8	25.6	29.0	27.6	28.0	30.1	29.1	29.6	28.2	27.1	27.7
8	27.3	25.8	26.4	29.3	27.4	28.1	31.1	29.9	30.3	28.1	27.0	27.4
9	27.9	26.4	26.9	29.8	28.1	28.7	31.4	29.9	30.6	28.2	26.9	27.5
10	27.2	26.4	26.7	29.8	28.7	29.1	31.1	30.3	30.6	28.5	27.2	27.8
11	28.0	26.0	26.9	30.4	28.6	29.2	30.4	29.4	29.9	28.9	27.6	28.0
12	28.0	26.2	27.2	30.5	28.9	29.6	29.9	28.7	29.2	28.2	27.5	27.9
13	27.6	26.4	27.0	29.5	28.8	29.2	29.8	28.5	29.1	28.0	27.2	27.6
14	27.0	26.0	26.5	29.2	28.2	28.7	29.6	28.5	29.0	27.5	26.8	27.2
15	26.7	25.4	26.1	29.4	28.0	28.6	29.3	28.2	28.6	27.6	26.6	27.1
16	26.3	25.2	25.9	29.5	28.4	28.9	29.6	28.5	29.0	26.9	25.8	26.4
17	26.6	25.7	26.0	29.1	28.0	28.5	29.4	28.8	29.1	26.6	25.2	26.0
18	26.9	25.7	26.2	28.8	27.6	28.1	29.9	28.8	29.1	26.1	24.7	25.5
19	27.2	26.1	26.6	28.9	27.1	27.9	29.6	28.6	29.0	25.5	24.5	25.2
20	27.0	26.1	26.3	29.6	28.4	28.9	29.8	28.6	29.2	25.2	24.8	24.9
21	27.4	26.2	26.7	29.0	27.8	28.3	30.8	29.0	29.6	25.7	24.6	24.9
22	27.1	26.1	26.6	28.8	27.4	28.2	30.0	29.0	29.4	25.7	24.7	25.0
23	27.4	26.4	26.8	29.0	27.1	28.0	29.7	28.8	29.3	25.8	24.9	25.2
24	27.7	26.0	26.7	28.7	27.7	28.2	29.8	28.8	29.3	25.8	24.6	25.1
25	28.0	26.4	27.1	29.0	27.8	28.2	30.5	28.8	29.6	25.1	24.5	24.7
26	28.0	26.6	27.3	28.8	27.7	28.3	30.4	29.5	29.8	25.1	24.4	24.7
27	29.0	27.1	27.9	29.1	27.7	28.5	29.6	29.1	29.4	25.1	24.6	24.9
28	29.6	27.7	28.4	29.6	27.8	28.4	29.5	28.6	28.9	25.9	24.4	25.1
29	29.6	27.9	28.5	29.4	27.9	28.6	29.4	28.3	28.8	25.6	24.5	25.0
30	29.1	27.6	28.0	28.9	28.1	28.4	29.2	28.1	28.6	25.5	24.2	25.0
31	---	---	---	29.0	27.7	28.2	29.2	27.9	28.6	---	---	---
Month	29.6	24.3	26.5	30.5	26.8	28.4	31.4	27.6	29.2	28.9	24.2	26.4

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	25.3	24.3	24.8	19.6	18.8	19.1	---	---	---	---	---	---
2	25.4	24.4	24.7	19.2	18.0	18.6	---	---	---	---	---	---
3	25.2	24.2	24.7	18.0	17.1	17.5	---	---	---	---	---	---
4	25.5	24.7	24.9	17.3	16.7	17.0	---	---	---	---	---	---
5	25.5	24.6	24.9	17.1	16.0	16.7	---	---	---	---	---	---
6	25.3	24.5	24.7	16.7	15.6	16.3	---	---	---	---	---	---
7	25.3	24.5	24.9	---	---	---	---	---	---	---	---	---
8	26.0	24.7	25.0	---	---	---	---	---	---	---	---	---
9	26.1	25.0	25.4	---	---	---	---	---	---	---	---	---
10	26.1	25.3	25.6	---	---	---	---	---	---	---	---	---
11	25.5	24.3	25.0	---	---	---	---	---	---	---	---	---
12	24.7	23.5	24.2	---	---	---	---	---	---	---	---	---
13	24.2	23.2	23.8	---	---	---	---	---	---	---	---	---
14	23.8	22.5	23.3	---	---	---	---	---	---	---	---	---
15	23.5	22.2	23.1	---	---	---	---	---	---	---	---	---
16	23.3	22.3	22.8	---	---	---	---	---	---	---	---	---
17	23.3	22.4	22.7	---	---	---	---	---	---	---	---	---
18	23.1	22.6	22.7	---	---	---	---	---	---	---	---	---
19	23.7	22.3	22.7	---	---	---	---	---	---	---	---	---
20	23.2	22.2	22.7	---	---	---	---	---	---	---	---	---
21	22.2	21.6	21.8	---	---	---	---	---	---	---	---	---
22	22.0	21.3	21.5	---	---	---	---	---	---	---	---	---
23	22.0	21.3	21.6	---	---	---	---	---	---	---	---	---
24	22.6	21.8	22.2	---	---	---	---	---	---	---	---	---
25	22.8	22.3	22.6	---	---	---	---	---	---	---	---	---
26	22.8	22.5	22.7	---	---	---	---	---	---	---	---	---
27	22.6	22.1	22.4	---	---	---	---	---	---	---	---	---
28	22.1	21.2	21.7	---	---	---	---	---	---	---	---	---
29	21.2	20.2	20.7	---	---	---	---	---	---	---	---	---
30	20.7	19.7	20.2	---	---	---	---	---	---	---	---	---
31	20.0	19.1	19.7	---	---	---	---	---	---	---	---	---
Month	26.1	19.1	23.2	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	7.6	5.8	6.9	---	---	---	---	---	---	---	---	---
2	7.5	6.2	6.9	---	---	---	---	---	---	---	---	---
3	7.9	5.7	7.2	---	---	---	---	---	---	---	---	---
4	7.8	5.2	6.7	---	---	---	---	---	---	---	---	---
5	8.1	5.9	7.3	---	---	---	---	---	---	---	---	---
6	8.0	7.3	7.8	---	---	---	---	---	---	---	---	---
7	7.9	6.0	7.2	---	---	---	---	---	---	---	---	---
8	8.0	4.8	6.9	---	---	---	---	---	---	---	---	---
9	7.6	6.0	6.9	---	---	---	---	---	---	---	---	---
10	8.0	6.4	7.4	---	---	---	---	---	---	---	---	---
11	8.0	6.3	7.5	---	---	---	---	---	---	---	---	---
12	8.1	5.0	7.1	---	---	---	---	---	---	---	---	---
13	8.2	6.4	7.7	---	---	---	---	---	---	---	---	---
14	8.1	6.6	7.6	---	---	---	---	---	---	---	---	---
15	8.1	5.4	6.9	---	---	---	---	---	---	---	---	---
16	8.4	3.6	7.0	---	---	---	---	---	---	---	---	---
17	7.8	6.1	7.1	---	---	---	---	---	---	---	---	---
18	7.8	4.5	6.6	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	6.0	5.4	5.7
2	---	---	---	---	---	---	---	---	---	5.6	4.8	5.3
3	---	---	---	---	---	---	---	---	---	5.2	4.7	4.9
4	---	---	---	---	---	---	9.4	8.8	9.1	5.2	4.6	4.9
5	---	---	---	---	---	---	9.2	8.9	9.1	5.3	4.7	5.0
6	---	---	---	---	---	---	9.5	8.9	9.2	6.3	5.0	5.9
7	---	---	---	---	---	---	9.6	8.6	9.1	6.6	5.1	5.8
8	---	---	---	---	---	---	9.8	9.0	9.4	6.5	5.7	6.2
9	---	---	---	---	---	---	9.9	9.3	9.6	6.5	5.6	6.3
10	---	---	---	---	---	---	10.0	9.2	9.5	6.8	6.0	6.4
11	---	---	---	---	---	---	9.8	8.8	9.2	6.8	6.1	6.5
12	---	---	---	---	---	---	9.2	8.3	8.8	6.9	5.7	6.5
13	---	---	---	---	---	---	9.0	7.6	8.3	6.9	6.0	6.6
14	---	---	---	---	---	---	9.1	8.2	8.6	6.9	6.0	6.4
15	---	---	---	---	---	---	8.8	6.9	8.2	7.1	5.9	6.6
16	---	---	---	---	---	---	7.5	6.2	6.9	6.9	5.8	6.5
17	---	---	---	---	---	---	8.2	6.9	7.5	7.0	6.4	6.8
18	---	---	---	---	---	---	8.5	7.1	7.8	7.0	6.5	6.8
19	---	---	---	---	---	---	8.9	7.5	8.2	6.9	6.0	6.6
20	---	---	---	---	---	---	9.2	7.8	8.5	7.1	6.4	6.8
21	---	---	---	---	---	---	9.4	8.0	8.5	7.5	6.0	6.8
22	---	---	---	9.6	9.1	9.3	9.3	7.8	8.4	7.3	6.0	6.9
23	---	---	---	9.3	8.2	8.6	9.0	7.5	8.0	7.6	6.3	7.1
24	---	---	---	8.4	7.3	7.8	8.3	7.0	7.6	8.0	6.6	7.4
25	---	---	---	8.1	6.8	7.3	7.7	6.6	7.1	8.2	6.9	7.8
26	---	---	---	8.6	7.3	7.9	7.0	6.1	6.5	8.3	7.3	7.9
27	---	---	---	8.2	7.1	7.6	6.2	5.7	6.0	8.3	7.0	7.6
28	---	---	---	7.4	6.5	6.9	5.8	5.4	5.6	---	---	---
29	---	---	---	7.7	6.4	7.0	6.2	5.3	5.7	8.4	5.9	7.7
30	---	---	---	8.0	7.3	7.6	6.2	5.6	5.8	8.1	6.7	7.5
31	---	---	---	---	---	---	---	---	---	7.6	6.2	7.0
Month	---	---	---	---	---	---	---	---	---	---	---	---

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DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	7.3	6.6	7.0	7.0	5.3	6.0	7.3	5.5	6.2	---	---	---
2	7.0	6.3	6.8	7.3	4.8	5.9	7.6	5.2	6.0	---	---	---
3	7.4	6.1	6.7	7.5	5.3	6.3	7.3	5.6	6.3	---	---	---
4	6.8	5.5	6.2	7.6	5.1	6.2	7.1	6.0	6.5	---	---	---
5	6.7	5.0	5.8	7.8	5.7	6.7	7.5	6.2	6.7	---	---	---
6	6.3	5.4	5.8	7.3	5.6	6.5	7.4	5.4	6.7	6.9	4.5	5.6
7	7.2	5.1	6.0	8.0	4.8	6.2	8.4	5.4	6.7	7.4	4.7	5.9
8	7.7	5.0	6.3	7.9	5.6	6.6	9.8	5.3	7.1	7.2	4.9	5.9
9	6.8	5.1	5.8	8.4	5.3	6.6	8.1	4.7	6.4	6.8	5.3	6.1
10	6.4	4.5	5.5	---	---	---	7.4	5.5	6.4	6.8	5.3	6.1
11	8.1	5.1	6.2	---	---	---	6.8	5.5	6.4	7.3	5.4	6.1
12	7.8	5.0	6.3	---	---	---	6.6	3.6	5.9	7.3	5.7	6.6
13	6.8	5.0	6.0	---	---	---	6.5	5.2	5.9	6.8	4.8	5.9
14	6.6	5.2	5.8	---	---	---	6.6	3.1	5.6	6.8	4.6	5.8
15	7.0	4.9	5.8	---	---	---	7.4	4.0	5.4	7.5	4.4	6.3
16	7.3	5.5	6.4	---	---	---	7.4	5.0	6.0	6.9	4.6	5.9
17	8.2	5.7	6.9	---	---	---	7.0	4.5	6.0	7.8	4.9	6.5
18	7.8	5.1	6.2	---	---	---	6.2	3.9	5.3	7.5	5.3	6.7
19	6.8	4.9	5.8	7.0	3.5	4.9	7.1	5.2	5.8	7.3	5.0	6.6
20	7.0	5.3	6.4	7.8	5.0	6.3	7.3	5.2	6.2	7.2	6.2	6.7
21	6.8	6.3	6.5	6.6	4.0	5.3	7.6	5.4	6.3	7.8	6.0	6.6
22	6.6	5.4	6.1	7.0	4.9	6.1	6.6	4.4	5.5	8.4	5.6	6.8
23	6.6	5.3	5.9	7.5	5.0	6.0	6.5	4.5	5.5	7.6	5.4	6.6
24	7.0	5.1	5.8	7.6	5.5	6.6	7.7	4.5	6.1	7.8	5.1	6.0
25	7.2	4.7	5.7	9.8	5.6	7.4	---	---	---	7.1	5.0	6.0
26	6.5	4.0	5.5	9.6	5.3	7.2	---	---	---	8.4	4.9	6.5
27	7.5	3.3	5.8	7.5	5.0	6.0	---	---	---	8.4	6.7	7.6
28	7.9	5.5	6.7	7.6	5.3	6.2	---	---	---	7.8	5.7	6.9
29	7.7	5.1	6.3	7.6	5.6	6.4	---	---	---	7.8	5.8	6.8
30	7.3	5.3	6.1	6.8	5.5	6.1	---	---	---	8.3	6.0	7.6
31	---	---	---	7.1	4.9	5.9	---	---	---	---	---	---
Month	8.2	3.3	6.1	---	---	---	---	---	---	---	---	---

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DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	8.4	6.9	7.9	7.3	4.0	6.2	---	---	---	---	---	---
2	9.4	7.5	8.2	8.4	5.4	6.8	---	---	---	---	---	---
3	8.5	6.7	7.6	---	---	---	---	---	---	---	---	---
4	9.3	6.7	7.3	---	---	---	---	---	---	---	---	---
5	9.0	6.0	7.0	---	---	---	---	---	---	---	---	---
6	8.0	5.7	6.7	---	---	---	---	---	---	---	---	---
7	7.3	5.7	6.5	---	---	---	---	---	---	---	---	---
8	8.3	6.0	7.0	---	---	---	---	---	---	---	---	---
9	7.9	6.5	7.1	---	---	---	---	---	---	---	---	---
10	8.0	6.4	7.2	---	---	---	---	---	---	---	---	---
11	7.8	5.7	6.8	---	---	---	---	---	---	---	---	---
12	7.5	4.8	6.6	---	---	---	---	---	---	---	---	---
13	7.7	6.6	7.1	---	---	---	---	---	---	---	---	---
14	7.9	6.3	7.2	---	---	---	---	---	---	---	---	---
15	7.8	6.2	7.3	---	---	---	---	---	---	---	---	---
16	8.5	6.7	7.4	---	---	---	---	---	---	---	---	---
17	7.9	6.4	7.2	---	---	---	---	---	---	---	---	---
18	8.1	6.2	7.2	---	---	---	---	---	---	---	---	---
19	8.8	5.8	7.2	---	---	---	---	---	---	---	---	---
20	8.2	5.8	7.0	---	---	---	---	---	---	---	---	---
21	7.2	4.3	6.2	---	---	---	---	---	---	---	---	---
22	7.9	4.7	6.3	---	---	---	---	---	---	---	---	---
23	8.1	5.0	7.1	---	---	---	---	---	---	---	---	---
24	8.1	5.7	7.0	---	---	---	---	---	---	---	---	---
25	8.0	4.0	6.9	---	---	---	---	---	---	---	---	---
26	6.8	2.1	5.5	---	---	---	---	---	---	---	---	---
27	7.2	2.7	5.7	---	---	---	---	---	---	---	---	---
28	7.1	5.4	6.5	---	---	---	---	---	---	---	---	---
29	6.8	4.7	6.1	---	---	---	---	---	---	---	---	---
30	7.1	4.3	6.0	---	---	---	---	---	---	---	---	---
31	6.8	4.2	5.6	---	---	---	---	---	---	---	---	---
Month	9.4	2.1	6.9	---	---	---	---	---	---	---	---	---

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DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	89	67	81	---	---	---	---	---	---	---	---	---
2	87	72	80	---	---	---	---	---	---	---	---	---
3	93	66	83	---	---	---	---	---	---	---	---	---
4	91	60	77	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	92	69	83	---	---	---	---	---	---	---	---	---
8	92	55	80	---	---	---	---	---	---	---	---	---
9	87	68	78	---	---	---	---	---	---	---	---	---
10	91	72	84	---	---	---	---	---	---	---	---	---
11	89	71	83	---	---	---	---	---	---	---	---	---
12	92	56	80	---	---	---	---	---	---	---	---	---
13	92	72	86	---	---	---	---	---	---	---	---	---
14	89	72	83	---	---	---	---	---	---	---	---	---
15	89	59	75	---	---	---	---	---	---	---	---	---
16	92	39	75	---	---	---	---	---	---	---	---	---
17	84	66	77	---	---	---	---	---	---	---	---	---
18	84	49	71	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	66	59	61
2	---	---	---	---	---	---	---	---	---	63	53	59
3	---	---	---	---	---	---	---	---	---	57	51	54
4	---	---	---	---	---	---	96	89	92	55	48	52
5	---	---	---	---	---	---	94	90	93	56	49	52
6	---	---	---	---	---	---	94	88	92	66	53	62
7	---	---	---	---	---	---	94	83	88	68	52	59
8	---	---	---	---	---	---	94	85	89	67	58	63
9	---	---	---	---	---	---	94	87	90	69	58	65
10	---	---	---	---	---	---	97	85	90	73	63	68
11	---	---	---	---	---	---	95	84	87	75	66	70
12	---	---	---	---	---	---	93	81	86	76	62	72
13	---	---	---	---	---	---	91	74	82	76	67	73
14	---	---	---	---	---	---	90	79	84	76	65	70
15	---	---	---	---	---	---	89	70	82	78	66	73
16	---	---	---	---	---	---	75	61	68	76	64	72
17	---	---	---	---	---	---	81	66	73	78	71	75
18	---	---	---	---	---	---	84	68	76	77	71	75
19	---	---	---	---	---	---	86	72	79	77	67	73
20	---	---	---	---	---	---	92	74	82	80	71	76
21	---	---	---	---	---	---	96	76	84	85	67	77
22	---	---	---	91	82	86	97	76	84	82	67	77
23	---	---	---	91	77	83	95	76	82	---	---	---
24	---	---	---	87	72	79	88	73	78	92	75	84
25	---	---	---	86	69	76	83	70	75	96	80	90
26	---	---	---	88	71	78	76	66	70	98	85	92
27	---	---	---	86	71	78	67	62	64	99	82	89
28	---	---	---	78	67	72	63	58	60	---	---	---
29	---	---	---	77	64	70	67	56	61	101	71	92
30	---	---	---	80	71	75	67	59	62	97	81	90
31	---	---	---	---	---	---	---	---	---	93	75	84
Month	---	---	---	---	---	---	---	---	---	---	---	---

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DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	89	79	85	90	67	76	95	70	80	---	---	---
2	86	77	83	93	61	76	99	67	78	---	---	---
3	---	---	---	96	67	79	95	72	82	---	---	---
4	---	---	---	97	64	79	93	78	84	---	---	---
5	83	60	71	100	72	85	99	80	87	---	---	---
6	78	65	71	95	71	84	98	71	88	89	57	72
7	90	62	73	104	61	79	112	71	89	95	60	75
8	96	62	78	103	72	85	133	71	95	93	62	75
9	87	64	73	110	68	85	109	63	85	88	67	77
10	81	56	69	---	---	---	100	74	85	88	67	78
11	104	63	78	---	---	---	91	73	86	94	69	78
12	100	62	80	---	---	---	87	47	77	94	72	84
13	87	63	76	---	---	---	86	67	77	87	61	75
14	83	65	73	---	---	---	87	40	73	86	58	73
15	88	60	72	---	---	---	97	52	69	95	56	80
16	91	67	79	---	---	---	97	65	78	86	57	73
17	---	---	---	---	---	---	92	59	79	98	60	81
18	98	63	77	---	---	---	82	51	69	93	65	82
19	86	61	73	91	44	63	94	68	75	90	60	81
20	88	66	80	103	70	82	97	67	82	87	75	81
21	86	79	82	86	51	68	102	70	83	96	72	80
22	83	67	76	91	62	78	87	58	72	103	68	82
23	83	66	74	98	63	78	86	59	72	94	65	81
24	89	63	73	99	71	85	102	59	80	96	62	73
25	92	59	73	127	72	95	---	---	---	86	60	72
26	83	51	70	125	68	93	---	---	---	102	59	78
27	98	42	74	98	64	77	---	---	---	102	81	92
28	104	70	86	100	68	80	---	---	---	96	69	84
29	101	66	82	100	73	83	---	---	---	95	70	82
30	95	68	79	89	71	79	---	---	---	101	72	92
31	---	---	---	93	63	76	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	102	83	96	80	44	67	---	---	---	---	---	---
2	115	91	99	90	59	73	---	---	---	---	---	---
3	103	80	92	---	---	---	---	---	---	---	---	---
4	114	81	89	---	---	---	---	---	---	---	---	---
5	110	72	85	---	---	---	---	---	---	---	---	---
6	97	69	81	---	---	---	---	---	---	---	---	---
7	89	69	79	---	---	---	---	---	---	---	---	---
8	103	73	86	---	---	---	---	---	---	---	---	---
9	97	79	87	---	---	---	---	---	---	---	---	---
10	99	79	89	---	---	---	---	---	---	---	---	---
11	95	68	83	---	---	---	---	---	---	---	---	---
12	90	57	79	---	---	---	---	---	---	---	---	---
13	92	78	84	---	---	---	---	---	---	---	---	---
14	94	73	85	---	---	---	---	---	---	---	---	---
15	92	71	86	---	---	---	---	---	---	---	---	---
16	100	78	86	---	---	---	---	---	---	---	---	---
17	93	74	84	---	---	---	---	---	---	---	---	---
18	95	72	84	---	---	---	---	---	---	---	---	---
19	104	67	84	---	---	---	---	---	---	---	---	---
20	96	67	81	---	---	---	---	---	---	---	---	---
21	82	49	71	---	---	---	---	---	---	---	---	---
22	91	53	72	---	---	---	---	---	---	---	---	---
23	93	57	81	---	---	---	---	---	---	---	---	---
24	94	65	80	---	---	---	---	---	---	---	---	---
25	93	47	80	---	---	---	---	---	---	---	---	---
26	79	24	64	---	---	---	---	---	---	---	---	---
27	83	31	65	---	---	---	---	---	---	---	---	---
28	82	62	74	---	---	---	---	---	---	---	---	---
29	75	52	68	---	---	---	---	---	---	---	---	---
30	78	48	67	---	---	---	---	---	---	---	---	---
31	75	46	62	---	---	---	---	---	---	---	---	---
Month	115	24	81	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

354944076541200 DEVILS GUT NEAR MOUTH NEAR JAMESVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---