

## Water-Data Report 2008

**361805078051001 Local number WR-154, Piedmont Major Aquifer Study Site 8, near Inez, NC**

 Piedmont and Blue Ridge crystalline-rock aquifers  
 Schist

Warren County, NC

LOCATION.--Lat 36°18'04.5", long 78°05'10.3" referenced to North American Datum of 1983, Warren County, NC, Hydrologic Unit 03020102, on Secondary Road 1512, .5 mi east of North Carolina Highway 68, and 2 mi north of Inez.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 300 ft. Upper casing diameter 6 in; top of first opening 62 ft, bottom of last opening 300 ft.

PERIOD OF RECORD.--December 2007.

REMARKS.--Well is part of the National Water Quality Assessment Program (NAWQA).

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Time	Sample medium and type	Depth to water level, feet below	Water level, depth below MP, feet	Baro-metric pressure, mm Hg	Dissolved oxygen, mg/L	Dissolved oxygen, percent of saturation	pH, water, field, std units	Specific conductance, water, unfrd std units	Specif-ic conductance, wat unf 25 degC
			LSD (72019)	(61055)	(00025)	(00300)	(00301)	(00400)	(00095)	
<b>Dec</b>										
11...	1245	Ground water, replicate	41.56	42.40	764	.3	3	6.9	268	
11...	1246	QC - Artificial, blank	--	--	--	--	--	--	--	--
11...	1247	QC - Ground water, replicate	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Temper-ature, water, deg C (00010)	Hard-ness, water, mg/L as CaCO3 (00900)	Cal-cium, water, mg/L (00915)	Magnes-i um, water, mg/L (00925)	Potas-sium, water, mg/L (00935)	Sodium, water, mg/L (00930)	Alka-linity, wat flt inf tit	Bicar-bonate, wat flt infl pt titr., field,	Chlor-ide, Bromide water, fltrd, mg/L (71870)	Fluor-ide, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)
<b>Dec</b>												
11...	16.5	120	39.8	5.98	1.42	9.06	104	127	.03	4.66	.12	31.7
11...	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--

## 361805078051001 Local number WR-154, Piedmont Major Aquifer Study Site 8, near Inez, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 3 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Residue on evap. 180degC wat flt	Ammonia water, fltrd, mg/L (70300)	Nitrate + nitrite water, fltrd, mg/L (00608)	Total nitro- gen, water, by anal ysis, mg/L (00631)	Ortho- phos- phate, water, fltrd, mg/L (62854)	Colipge F-spec, Organic carbon, water, fltrd, mg/L (00671)	Colipge CN13hst 2-step, pres or absence	Total coliform, MI MF, water, col/ 100 mL	Total Alum- inum, water, col/ 100 mL	Anti- mony, water, fltrd, μg/L (01095)
<b>Dec</b>										
11...	176	<.020	.93	.008	.96	.022	E.3	U	U	<1
11...	--	<.020	<.04	<.002	<.06	<.006	--	--	--	--
11...	--	--	--	--	--	--	--	--	<1	<1

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 4 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Arsenic water, fltrd, μg/L (01000)	Barium, water, fltrd, μg/L (01005)	Beryll- ium, water, fltrd, μg/L (01010)	Boron, water, fltrd, μg/L (01020)	Cadmium water, fltrd, μg/L (01025)	Chrom- ium, water, fltrd, μg/L (01030)	Cobalt water, fltrd, μg/L (01035)	Copper, water, fltrd, unfltrd μg/L (01040)	Hydro- gen sulfide water, fltrd mg/L (71875)	Iron, water, fltrd, μg/L (01046)	Lead, water, fltrd, μg/L (01049)	Lithium water, fltrd, μg/L (01130)	Mangan- ese, water, fltrd, μg/L (01056)
<b>Dec</b>													
11...	E.04	19	.01	E5	<.04	<.12	.04	<1.0	U	E5	E.07	16.8	5.9
11...	<.06	<.4	<.01	V20	<.04	.35	<.02	<1.0	--	--	<.08	<1.0	.3
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 5 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Molyb- denum, water, fltrd, μg/L (01060)	Nickel, water, fltrd, μg/L (01065)	Selen- ium, water, fltrd, μg/L (01145)	Silver, water, fltrd, μg/L (01075)	Stront- ium, water, fltrd, μg/L (01080)	Thall- ium, water, fltrd, μg/L (01057)	Vana- dium, water, fltrd, μg/L (01085)	Zinc, water, fltrd, μg/L (01090)	1-Naph- thol, water, fltrd 0.7u GF	2,6-Di- ethyl- aniline, water, fltrd 0.7u GF	2Chloro- -2',6'- diethyl- acetanilide, water, wat flt	2-Ethy- -6- methyl- aniline, water, fltrd, μg/L (04040)	
<b>Dec</b>													
11...	.4	.42	.14	<.1	159	<.04	1.2	4.4	<.04	<.006	<.010	<.014	<.010
11...	<.2	.30	<.04	<.1	E.65	<.04	E.02	<1.8	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 361805078051001 Local number WR-154, Piedmont Major Aquifer Study Site 8, near Inez, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 6 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	3,4-Dichloroaniline water, fltrd, µg/L (61625)	3,5-Dichloroaniline water, fltrd, µg/L (61627)	Chloro-2methyl phenol, water, fltrd, µg/L (61633)	Aceto-chlor, water, fltrd, µg/L (49260)	Alachlor, water, fltrd, µg/L (46342)	alpha-Endosulfan, water, fltrd, µg/L (34362)	Atrazine, water, fltrd, µg/L (39632)	Azinophos-methoxon, water, fltrd, µg/L (61635)	Azinophos-methyl water, fltrd, 0.7u GF (82686)	Benzofuran, water, fltrd, µg/L (82673)	Carbamyl, water, fltrd, µg/L (82680)	Carbofuran, water, fltrd, µg/L (82674)	Chloropyrifos oxon, water, fltrd, µg/L (61636)
<b>Dec</b>													
11...	<.006	<.008	<.005	<.006	<.006	<.006	<.007	<.04	<.120	<.004	<.060	<.020	<.06
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 7 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Cis-Chlorpyrifos water, fltrd, µg/L (38933)	cis-Permethrin water, fltrd, 0.7u GF (82687)	cis-Propiconazole, water, fltrd, µg/L (79846)	Cyanazine, water, fltrd, µg/L (04041)	Cyfluthrin, water, fltrd, µg/L (61585)	Lambda-Cyhalothrin, water, fltrd, µg/L (61595)	Cypermethrin, water, fltrd, µg/L (61586)	DCPA, water, fltrd, 0.7u GF (82682)	Desutilin-fipronil, water, fltrd, µg/L (62170)	Diazinon, water, fltrd, µg/L (39572)	Dicrotophos, water, fltrd, µg/L (38454)	Diethyldrin, water, fltrd, µg/L (39381)	Dimethoate, water, fltrd, 0.7u GF (82662)
<b>Dec</b>													
11...	<.005	<.010	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	<.006
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 8 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Disulfoton sulfone water, fltrd, 0.7u GF (61640)	Disulfoton, water, fltrd, µg/L (82677)	Endosulfan sulfate water, fltrd, µg/L (61590)	EPTC, water, fltrd, 0.7u GF (82668)	Ethion monoxon, water, fltrd, µg/L (61644)	Ethion, water, fltrd, µg/L (82346)	Ethoprop, water, fltrd, 0.7u GF (82672)	Fenamiphos sulfone, water, fltrd, µg/L (61645)	Fenamiphos oxide, water, fltrd, µg/L (61646)	Fenamiphos sulfide, water, fltrd, µg/L (61591)	Desutilin-fipronil, water, fltrd, µg/L (62169)	Fipronil sulfide, water, fltrd, µg/L (62167)	Fipronil sulfone, water, fltrd, µg/L (62168)
<b>Dec</b>													
11...	<.01	<.04	<.022	<.002	<.02	<.006	<.012	<.053	<.06	<.03	<.029	<.013	<.024
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 361805078051001 Local number WR-154, Piedmont Major Aquifer Study Site 8, near Inez, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 9 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Fipro-nil, water, fltrd, μg/L (62166)	Fonofos water, fltrd, μg/L (04095)	Hexa-zinone, water, fltrd, μg/L (04025)	Ipro-dione, water, fltrd, μg/L (61593)	Isofen-phos, water, fltrd, μg/L (61594)	Mal-a-oxon, water, fltrd, μg/L (61652)	Mal-a-thion, water, fltrd, μg/L (39532)	Meta-laxyl, water, fltrd, μg/L (61596)	Methid-athon, water, fltrd, μg/L (61598)	Methyl para-oxon, water, fltrd, μg/L (61664)	Methyl para-thion, water, fltrd, 0.7u GF (82667)	Metola-chlor, water, fltrd, μg/L (39415)	Metri-buzin, water, fltrd, μg/L (82630)
<b>Dec</b>													
11...	<.020	<.010	<.008	<.01	<.006	<.020	<.016	<.007	<.004	<.01	<.008	<.010	<.012
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 10 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Moli-nate, water, fltrd, 0.7u GF μg/L (82671)	Myclo-butanol water, fltrd, μg/L (61599)	Oxy-fluor-fen, water, fltrd, 0.7u GF μg/L (61600)	Pendi-meth-alin, water, fltrd, 0.7u GF μg/L (82683)	Phorate oxon, water, fltrd, 0.7u GF μg/L (61666)	Phorate oxon, water, fltrd, 0.7u GF μg/L (82664)	Phosmet water, fltrd, 0.7u GF μg/L (61601)	Prome-ton, water, fltrd, μg/L (04037)	Prome-tryn, water, fltrd, μg/L (04036)	Propy-zamide, water, fltrd, 0.7u GF μg/L (82676)	Pro-panal, water, fltrd, 0.7u GF μg/L (82679)	Propar-gite, water, fltrd, 0.7u GF μg/L (82685)	Simazine, water, fltrd, μg/L (04035)
<b>Dec</b>													
11...	<.003	<.010	<.006	<.012	<.03	<.040	<.008	<.01	<.006	<.004	<.006	<.04	<.006
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

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[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Tebu-thiuron water, fltrd, 0.7u GF μg/L (82670)	Teflu-thrin, water, fltrd, μg/L (61606)	Ter-bufos oxon sulfone water, fltrd, 0.7u GF μg/L (61674)	Terbu-fos, water, fltrd, 0.7u GF μg/L (82675)	Terbu-thyl-azine, water, fltrd, 0.7u GF μg/L (04022)	Thio-bencarb water, fltrd, 0.7u GF μg/L (82681)	trans-Propi-conazole, water, fltrd, μg/L (79847)	Tribu-phos, water, fltrd, μg/L (61610)	Tri-flur-alin, water, fltrd, 0.7u GF μg/L (82661)	1,1,1,2-Tetra-chloro-ethane, water, unfltrd, 0.7u GF μg/L (77562)	1,1,1-Tetra-chloro-ethane, water, unfltrd, 0.7u GF μg/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfltrd, 0.7u GF μg/L (34516)	CFC-113 water, unfltrd, μg/L (77652)
<b>Dec</b>													
11...	<.02	<.003	<.04	<.02	<.01	<.010	<.02	<.035	<.006	<.04	<.02	<.10	<.04
11...	--	--	--	--	--	--	--	--	--	<.04	<.02	<.10	<.04
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 361805078051001 Local number WR-154, Piedmont Major Aquifer Study Site 8, near Inez, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 12 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	1,1,2-Tri-chloro-ethane, water, unfltrd	1,1-Di-chloro-ethane, water, unfltrd	1,1-Di-chloro-ethene, water, unfltrd	1,1-Di-chloro-propene, water, unfltrd	1,2,3,4-Tetra-methyl-benzene, water, unfltrd	1,2,3,5-Tetra-methyl-benzene, water, unfltrd	1,2,3-Tri-chloro-benzene, water, unfltrd	1,2,3-Tri-chloro-propane, water, unfltrd	1,2,3-Tri-methyl-benzene, water, unfltrd	1,2,4-Tri-chloro-benzene, water, unfltrd	1,2,4-Tri-methyl-benzene, water, unfltrd	Dibromo-chloro-propane, water, unfltrd	1,2-Di-bromo-ethane, water, unfltrd
	µg/L (34511)	µg/L (34496)	µg/L (34501)	µg/L (77168)	µg/L (49999)	µg/L (50000)	µg/L (77613)	µg/L (77443)	µg/L (77221)	µg/L (34551)	µg/L (77222)	µg/L (82625)	µg/L (77651)
<b>Dec</b>													
11...	<.06	<.04	<.02	<.04	<.1	<.1	<.1	<.12	<.1	<.1	E.05	<.5	<.04
11...	<.06	<.04	<.02	<.04	<.1	<.1	<.1	<.12	<.1	<.1	<.04	<.5	<.04
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 13 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	1,2-Di-chloro-benzene, water, unfltrd	1,2-Di-chloro-ethane, water, unfltrd	1,2-Di-chloro-propane, water, unfltrd	1,3,5-Tri-methyl-benzene, water, unfltrd	1,3-Di-chloro-benzene, water, unfltrd	1,3-Di-chloro-propane, water, unfltrd	1,4-Di-chloro-benzene, water, unfltrd	2,2-Di-chloro-propane, water, unfltrd	2-Chloro-toluene, water, unfltrd	2-Ethyl-toluene, water, unfltrd	3-Chloro-propene, water, unfltrd	4-Chloro-toluene, water, unfltrd	4-Iso-propyl-toluene, water, unfltrd
	µg/L (34536)	µg/L (32103)	µg/L (34541)	µg/L (77226)	µg/L (34566)	µg/L (77173)	µg/L (34571)	µg/L (77170)	µg/L (77275)	µg/L (77220)	µg/L (78109)	µg/L (77277)	µg/L (77356)
<b>Dec</b>													
11...	<.02	<.1	<.02	<.04	<.04	<.1	<.02	<.06	<.04	<.04	<.08	<.04	<.08
11...	<.02	<.1	<.02	<.04	<.04	<.1	<.02	<.06	<.04	<.04	<.08	<.04	<.08
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 14 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Acetone, water, unfltrd	Acrylo-nitrile, water, unfltrd	Benzene, water, unfltrd	Bromo-benzene, water, unfltrd	Bromo-chloro-methane, water, unfltrd	Bromo-ethene, water, unfltrd	Bromo-methane, water, unfltrd	Bromo-methane, water, unfltrd	Bromo-methane, water, unfltrd	Carbon di-sulfide, water, unfltrd	Chloro-benzene, water, unfltrd	Chloro-ethane, water, unfltrd	Chloro-methane, water, unfltrd
	µg/L (81552)	µg/L (34215)	µg/L (34030)	µg/L (81555)	µg/L (77297)	µg/L (32101)	µg/L (50002)	µg/L (32104)	µg/L (34413)	µg/L (77041)	µg/L (34301)	µg/L (34311)	µg/L (34418)
<b>Dec</b>													
11...	<4	<.4	<.02	<.02	<.06	<.04	<.1	<.08	<.4	<.06	<.02	<.1	<.1
11...	<4	<.4	<.02	<.02	<.06	<.04	<.1	<.08	<.4	<.06	<.02	<.1	<.1
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 361805078051001 Local number WR-154, Piedmont Major Aquifer Study Site 8, near Inez, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 15 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	cis-1,2-Dichloroethene, water, unfltrd	cis-1,3-Dichloropropane, water, unfltrd	Di-chlorobromoethane, water, unfltrd	Di-bromochloromethane, water, unfltrd	Di-chlorofluoromethane, water, unfltrd	Di-chloromethane, water, unfltrd	Di-ethyl ether, water, unfltrd	Diisopropyl ether, water, unfltrd	Ethyl methacrylate, water, unfltrd	Ethyl methyl ketone, water, unfltrd	Ethyl benzene, water, unfltrd	Hexachlorobutadiene, water, unfltrd	Hexachloroethane, water, unfltrd
	µg/L (77093)	µg/L (34704)	µg/L (32105)	µg/L (30217)	µg/L (34668)	µg/L (34423)	µg/L (81576)	µg/L (81577)	µg/L (73570)	µg/L (81595)	µg/L (34371)	µg/L (39702)	µg/L (34396)
<b>Dec</b>													
11...	<.02	<.10	<.1	<.04	<.14	<.04	<.1	<.06	<.1	<1.6	<.04	<.1	<.1
11...	<.02	<.10	<.1	<.04	<.14	<.04	<.1	<.06	<.1	<1.6	<.04	<.1	<.1
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 16 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Iodo-methane, water, unfltrd	Iso-butyl methyl ketone, water, unfltrd	Iso-propyl benzene, water, unfltrd	Methyl acrylonitrile, water, unfltrd	Methyl acrylate, water, unfltrd	Methyl methacrylate, water, unfltrd	Methyl pentyl ether, water, unfltrd	Methyl + para-Xylene, water, unfltrd	Methyl Naphthalene, water, unfltrd	Methyl n-butyl ketone, water, unfltrd	n-Butyl benzene, water, unfltrd	Propyl benzene, water, unfltrd	o-Xylene, water, unfltrd
	µg/L (77424)	µg/L (78133)	µg/L (77223)	µg/L (81593)	µg/L (49991)	µg/L (81597)	µg/L (50005)	µg/L (85795)	µg/L (34696)	µg/L (77103)	µg/L (77342)	µg/L (77224)	µg/L (77135)
<b>Dec</b>													
11...	<.40	<.4	<.04	<.2	<.6	<.2	<.06	<.08	<.2	<.6	<.1	<.04	<.04
11...	<.40	<.4	<.04	<.2	<.6	<.2	<.06	<.08	<.2	<.6	<.1	<.04	<.04
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 17 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	sec-Butylbenzene, water, unfltrd	Styrene, water, unfltrd	t-Butyl ethyl ether, water, unfltrd	Methyl t-butyl ether, water, unfltrd	tert-Butylbenzene, water, unfltrd	Tetra-chloroethene, water, unfltrd	Tetra-chloromethane, water, unfltrd	Tetra-hydrofuran, water, unfltrd	Toluene, water, unfltrd	1,2-Dichloroethene, water, unfltrd	trans-1,3-Dichloropropene, water, unfltrd	trans-1,4-Dichlorobutene, water, unfltrd	trans-2-Chloro-1,4-dichlorobutene, water, unfltrd
	µg/L (77350)	µg/L (77128)	µg/L (50004)	µg/L (78032)	µg/L (77353)	µg/L (34475)	µg/L (32102)	µg/L (81607)	µg/L (34010)	µg/L (34546)	µg/L (34699)	µg/L (73547)	µg/L (39180)
<b>Dec</b>													
11...	<.04	<.04	<.04	<.1	<.06	<.04	<.08	<1	<.02	<.02	<.10	<.6	<.02
11...	<.04	<.04	<.04	<.1	<.06	<.04	<.08	<1	<.02	<.02	<.10	<.6	<.02
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

361805078051001 Local number WR-154, Piedmont Major Aquifer Study Site 8, near Inez, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 18 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Tri-chloro-fluoro-methane water, unfltrd	Tri-chloro-methane water, unfltrd	Vinyl chloride, water, unfltrd	Di-chlorvos, water, unfltrd	Gross alpha 30 day	Gross alpha radioac	Gross beta 30 day	Gross beta radioac	Ra-226, water, filtrd, radon method	Ra-228, water, filtrd, pCi/L	Rn-222, 2-sigma	Rn-222, water, unfltrd	Tritium water, unfltrd
	µg/L (34488)	µg/L (32106)	µg/L (39175)	µg/L (38775)	pCi/L (63016)	pCi/L (63014)	pCi/L (63017)	pCi/L (63015)	pCi/L (09511)	pCi/L (81366)	pCi/L (76002)	µg/L (82303)	pCi/L (75985)
<b>Dec</b>													
11...	<.08	<.02	<.1	<.01	2.7	4.2	3.5	2.0	.134	R.20	100	13,900	1.60
11...	<.08	<.02	<.1	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 19 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Tritium water, unfltrd	Uranium natural	Data	Medium
	pCi/L (07000)	water, filtrd, µg/L (22703)	base number	code
<b>Dec</b>				
11...	24.22	5.71	01	WG
11...	--	<.02	04	OAQ
11...	--	--	04	WGQ