

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 LSD (72019)	Water level, depth below MP, feet (61055)	Barometric pressure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC μS/cm (00095)
Dec									
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	Temperature, water, deg C (00010)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inf tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt titr., field, mg/L (00453)	Bromide, water, fltrd, mg/L (71870)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate, water, fltrd, mg/L (00945)
Dec													
11...	16.5	120	39.8	5.98	1.42	9.06	104	127	.03	4.66	.12	31.7	1.86
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. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Organic carbon, water, fltrd, mg/L (00681)	Colipge F-spec, 2-step, pres or absence /L (99335)	Colipge som, Ec CN13hst 2-step, pres or absence /L (99332)	E coli, MI MF, water, col/ 100 mL (90901)	Total coli- form, MI MF, water, col/ 100 mL (90900)	Alum- inum, water, fltrd, µg/L (01106)	Anti- mony, water, fltrd, µg/L (01095)
Dec													
11...	176	<.020	.93	.008	.96	.022	E.3	U	U	<1	<1	E1.0	<.14
11...	--	<.020	<.04	<.002	<.06	<.006	--	--	--	--	--	<1.6	<.14
11...	--	--	--	--	--	--	--	--	--	<1	<1	--	--

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	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, µg/L (01040)	Hydro- gen sulfide water, unfltrd 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)
Dec													
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 µg/L (49295)	2,6-Di- ethyl- aniline water, fltrd 0.7u GF µg/L (82660)	2Chloro -2',6'- diethyl acet- anilide wat flt µg/L (61618)	CIAT, water, fltrd, µg/L (04040)	2-Ethyl -6- methyl- aniline water, fltrd, µg/L (61620)
Dec													
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...	--	--	--	--	--	--	--	--	--	--	--	--	--

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WATER-QUALITY DATA
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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-Di-chloro-aniline water, fltrd, µg/L (61625)	3,5-Di-chloro-aniline water, fltrd, µg/L (61627)	4-Chloro-2methyl phenol, water, fltrd, µg/L (61633)	Aceto-chlor, water, fltrd, µg/L (49260)	Ala-chlor, water, fltrd, µg/L (46342)	alpha-Endo-sulfan, water, fltrd, µg/L (34362)	Atra-zine, water, fltrd, µg/L (39632)	Azin-phos-methyl oxon, water, fltrd, µg/L (61635)	Azin-phos-methyl, water, fltrd, 0.7u GF (82686)	Ben-flur-alin, water, fltrd, 0.7u GF (82673)	Car-baryl, water, fltrd, 0.7u GF (82680)	Carbo-furan, water, fltrd, 0.7u GF (82674)	Chlor-pyrifos oxon, water, fltrd, µg/L (61636)
Dec 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

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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	Chlor-pyrifos water, fltrd, µg/L (38933)	cis-Per-methrin water, fltrd, 0.7u GF (82687)	cis-Propi-conazole, water, fltrd, µg/L (79846)	Cyana-zine, water, fltrd, µg/L (04041)	Cyflu-thrin, water, fltrd, µg/L (61585)	lambda-Cyhalo-thrin, water, fltrd, µg/L (61595)	Cyper-methrin, water, fltrd, µg/L (61586)	DCPA, water, fltrd, 0.7u GF (82682)	Desulf-inyl-fipro-nil, water, fltrd, µg/L (62170)	Diazi-non, water, fltrd, µg/L (39572)	Dicro-tophos, water, fltrd, µg/L (38454)	Diel-drin, water, fltrd, µg/L (39381)	Dimeth-oate, water, fltrd, 0.7u GF (82662)
Dec 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

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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	Disulf-oton sulfone water, fltrd, µg/L (61640)	Disul-foton, water, fltrd, 0.7u GF (82677)	Endo-sulfan 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)	Etho-prop, water, fltrd, 0.7u GF (82672)	Fenami-phos sulfone, water, fltrd, µg/L (61645)	Fenami-phos sulf-oxide, water, fltrd, µg/L (61646)	Fenami-phos, water, fltrd, µg/L (61591)	Desulf-inyl-fipro-nil amide, wat flt, µg/L (62169)	Fipro-nil sulfide, water, fltrd, µg/L (62167)	Fipro-nil sulfone, water, fltrd, µg/L (62168)
Dec 11...	<.01	<.04	<.022	<.002	<.02	<.006	<.012	<.053	<.06	<.03	<.029	<.013	<.024
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

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WATER-QUALITY DATA
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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	Fipronil, water, fltrd, μg/L (62166)	Fonofos water, fltrd, μg/L (04095)	Hexazinone, water, fltrd, μg/L (04025)	Iprodione, water, fltrd, μg/L (61593)	Isofenphos, water, fltrd, μg/L (61594)	Malaoxon, water, fltrd, μg/L (61652)	Malthion, water, fltrd, μg/L (39532)	Metaxyl, water, fltrd, μg/L (61596)	Methidathion, water, fltrd, μg/L (61598)	Methyl para- oxon, water, fltrd, μg/L (61664)	Methyl para- thion, water, fltrd, 0.7u GF μg/L (82667)	Metolachlor, water, fltrd, μg/L (39415)	Metribuzin, water, fltrd, μg/L (82630)
Dec													
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

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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	Molinate, water, fltrd 0.7u GF μg/L (82671)	Myclobutanil, water, fltrd, μg/L (61599)	Oxyfluorfen, water, fltrd, μg/L (61600)	Pendimethalin, water, fltrd 0.7u GF μg/L (82683)	Phorate oxon, water, fltrd, μg/L (61666)	Phorate water, fltrd 0.7u GF μg/L (82664)	Phosmet water, fltrd, μg/L (61601)	Prometon, water, fltrd, μg/L (04037)	Prometryn, water, fltrd, μg/L (04036)	Propyzamide, water, fltrd 0.7u GF μg/L (82676)	Propanil, water, fltrd 0.7u GF μg/L (82679)	Propanilate, water, fltrd 0.7u GF μg/L (82685)	Simazine, water, fltrd, μg/L (04035)
Dec													
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)	Tefluthrin, water, fltrd, μg/L (61606)	Terbufos oxon sulfone water, fltrd, μg/L (61674)	Terbufos, water, fltrd 0.7u GF μg/L (82675)	Terbutylazine, water, fltrd, μg/L (04022)	Thiobencarb water, fltrd 0.7u GF μg/L (82681)	trans-Propiconazole, water, fltrd, μg/L (79847)	Tribuphos, water, fltrd, μg/L (61610)	Tri-fluralin, water, fltrd 0.7u GF μg/L (82661)	1,1,1,2-Tetrachloroethane, water, unfltrd μg/L (77562)	1,1,1-Tri-chloroethane, water, unfltrd μg/L (34506)	1,1,2,2-Tetra-chloroethane, water, unfltrd μg/L (34516)	CFC-113 water, unfltrd μg/L (77652)
Dec													
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 µg/L (34511)	1,1-Di-chloro-ethane, water, unfltrd µg/L (34496)	1,1-Di-chloro-ethene, water, unfltrd µg/L (34501)	1,1-Di-chloro-propene, water, unfltrd µg/L (77168)	1,2,3,4-Tetra-methyl-benzene, water, unfltrd µg/L (49999)	1,2,3,5-Tetra-methyl-benzene, water, unfltrd µg/L (50000)	1,2,3-Tri-chloro-benzene, water, unfltrd µg/L (77613)	1,2,3-Tri-chloro-propane, water, unfltrd µg/L (77443)	1,2,3-Tri-methyl-benzene, water, unfltrd µg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfltrd µg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfltrd µg/L (77222)	Dibromo-chloro-propane, water, unfltrd µg/L (82625)	1,2-Di-bromo-ethane, water, unfltrd µg/L (77651)
Dec													
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 µg/L (34536)	1,2-Di-chloro-ethane, water, unfltrd µg/L (32103)	1,2-Di-chloro-propane, water, unfltrd µg/L (34541)	1,3,5-Tri-methyl-benzene, water, unfltrd µg/L (77226)	1,3-Di-chloro-benzene, water, unfltrd µg/L (34566)	1,3-Di-chloro-propane, water, unfltrd µg/L (77173)	1,4-Di-chloro-benzene, water, unfltrd µg/L (34571)	2,2-Di-chloro-propane, water, unfltrd µg/L (77170)	2-Chloro-toluene, water, unfltrd µg/L (77275)	2-Ethyl-toluene, water, unfltrd µg/L (77220)	3-Chloro-propene, water, unfltrd µg/L (78109)	4-Chloro-toluene, water, unfltrd µg/L (77277)	4-Iso-propyl-toluene, water, unfltrd µg/L (77356)
Dec													
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

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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	Acetone, water, unfltrd µg/L (81552)	Acrylonitrile, water, unfltrd µg/L (34215)	Benzene, water, unfltrd µg/L (34030)	Bromo-benzene, water, unfltrd µg/L (81555)	Bromo-chloro-methane, water, unfltrd µg/L (77297)	Bromo-di-chloro-methane, water, unfltrd µg/L (32101)	Bromo-ethene, water, unfltrd µg/L (50002)	Tri-bromo-methane, water, unfltrd µg/L (32104)	Bromo-methane, water, unfltrd µg/L (34413)	Carbon disulfide, water, unfltrd µg/L (77041)	Chloro-benzene, water, unfltrd µg/L (34301)	Chloro-ethane, water, unfltrd µg/L (34311)	Chloro-methane, water, unfltrd µg/L (34418)
Dec													
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...	--	--	--	--	--	--	--	--	--	--	--	--	--

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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	cis-1,2-Di-chloro-ethene, water, unfltrd µg/L (77093)	cis-1,3-Di-chloro-propene, water, unfltrd µg/L (34704)	Di-bromo-chloro-methane, water, unfltrd µg/L (32105)	Di-bromo-methane, water, unfltrd µg/L (30217)	Di-chloro-di-fluoro-methane, wat unf µg/L (34668)	Di-chloro-methane, water, unfltrd µg/L (34423)	Di-ethyl ether, water, unfltrd µg/L (81576)	Diiso-propyl ether, water, unfltrd µg/L (81577)	Ethyl methac-rylate, water, unfltrd µg/L (73570)	Ethyl methyl ketone, water, unfltrd µg/L (81595)	Ethyl-benzene, water, unfltrd µg/L (34371)	Hexa-chloro-buta-diene, water, unfltrd µg/L (39702)	Hexa-chloro-ethane, water, unfltrd µg/L (34396)
Dec													
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

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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	Iodo-methane, water, unfltrd µg/L (77424)	Iso-butyl methyl ketone, water, unfltrd µg/L (78133)	Iso-propyl-benzene, water, unfltrd µg/L (77223)	Methyl acrylo-nitrile, water, unfltrd µg/L (81593)	Methyl acryl-ate, water, unfltrd µg/L (49991)	Methyl methac-rylate, water, unfltrd µg/L (81597)	Methyl tert-pentyl ether, water, unfltrd µg/L (50005)	meta-+ para-Xylene, water, unfltrd µg/L (85795)	Naphth-alene, water, unfltrd µg/L (34696)	Methyl n-butyl ketone, water, unfltrd µg/L (77103)	n-Butyl benzene, water, unfltrd µg/L (77342)	n-Propyl-benzene, water, unfltrd µg/L (77224)	o-Xylene, water, unfltrd µg/L (77135)
Dec													
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-Butyl-benzene, water, unfltrd µg/L (77350)	Styrene, water, unfltrd µg/L (77128)	t-Butyl ethyl ether, water, unfltrd µg/L (50004)	Methyl t-butyl ether, water, unfltrd µg/L (78032)	tert-Butyl-benzene, water, unfltrd µg/L (77353)	Tetra-chloro-ethene, water, unfltrd µg/L (34475)	Tetra-chloro-methane, water, unfltrd µg/L (32102)	Tetra-hydro-furan, water, unfltrd µg/L (81607)	Toluene, water, unfltrd µg/L (34010)	trans-1,2-Di-chloro-ethene, water, unfltrd µg/L (34546)	trans-1,3-Di-chloro-propene, water, unfltrd µg/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf µg/L (73547)	Tri-chloro-ethene, water, unfltrd µg/L (39180)
Dec													
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

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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	Tri-chloro-fluoro-methane water, unfltrd μg/L (34488)	Tri-chloro-methane water, unfltrd μg/L (32106)	Vinyl chlor-ide, water, unfltrd μg/L (39175)	Di-chlor-vo-s, water, fltrd, μg/L (38775)	Gross alpha 30 day recount wat unf Th-230, pCi/L (63016)	Gross alpha radioac 72 hr, wat unf Th-230, pCi/L (63014)	Gross beta 30 day recount wat unf Cs-137, pCi/L (63017)	Gross beta radioac 72 hr, wat unf Cs-137, pCi/L (63015)	Ra-226, water, fltrd, radon method pCi/L (09511)	Ra-228, water, fltrd, pCi/L (81366)	Rn-222 2-sigma water, unfltrd pCi/L (76002)	Rn-222, water, unfltrd pCi/L (82303)	Tritium 2-sigma water, unfltrd pCi/L (75985)
Dec													
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	Uranium		Data base number	Medium code
	Tritium water, unfltrd pCi/L (07000)	natural water, fltrd, μg/L (22703)		
Dec				
11...	24.22	5.71	01	WG
11...	--	<.02	04	OAQ
11...	--	--	04	WGQ