

**353141080524703 Local number IR-147, NCDENR Langtree Research Station MW-1D near Davidson, NC
(Bedrock)**

Piedmont and Blue Ridge crystalline-rock aquifers
Intermediate Metagneous Rock

Iredell County, NC

LOCATION.--Lat 35°31'41", long 80°52'47" referenced to North American Datum of 1983, Iredell County, NC, Hydrologic Unit 03050101, 2.5 mi northwest of Davidson, .2 mi north of Langtree Road at Davidson College Lake Campus. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 602 ft, diameter 6.25 in., steel cased to 55 ft, initially open hole from 55 to 602 ft. Well modified in December 2001, 4 in. PVC liner installed to 76 ft, open hole from 76 to 602 ft.

DATUM.--Land-surface datum is 812.51 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 4-inch PVC liner, 2.16 ft above land-surface datum, December 12, 2001, to present.

PERIOD OF RECORD.--January 2001 to current year. Continuous record July 2002.

GAGE.--Measured periodically with steel and electric tape. (by NCDENR, Division of Water Quality, and USGS)

REMARKS.--Well is part of Piedmont/Mountains ground-water study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.48 ft below land-surface datum, June 19, 2001; lowest water level recorded, 50.54 ft below land-surface datum, July 23, 2002.

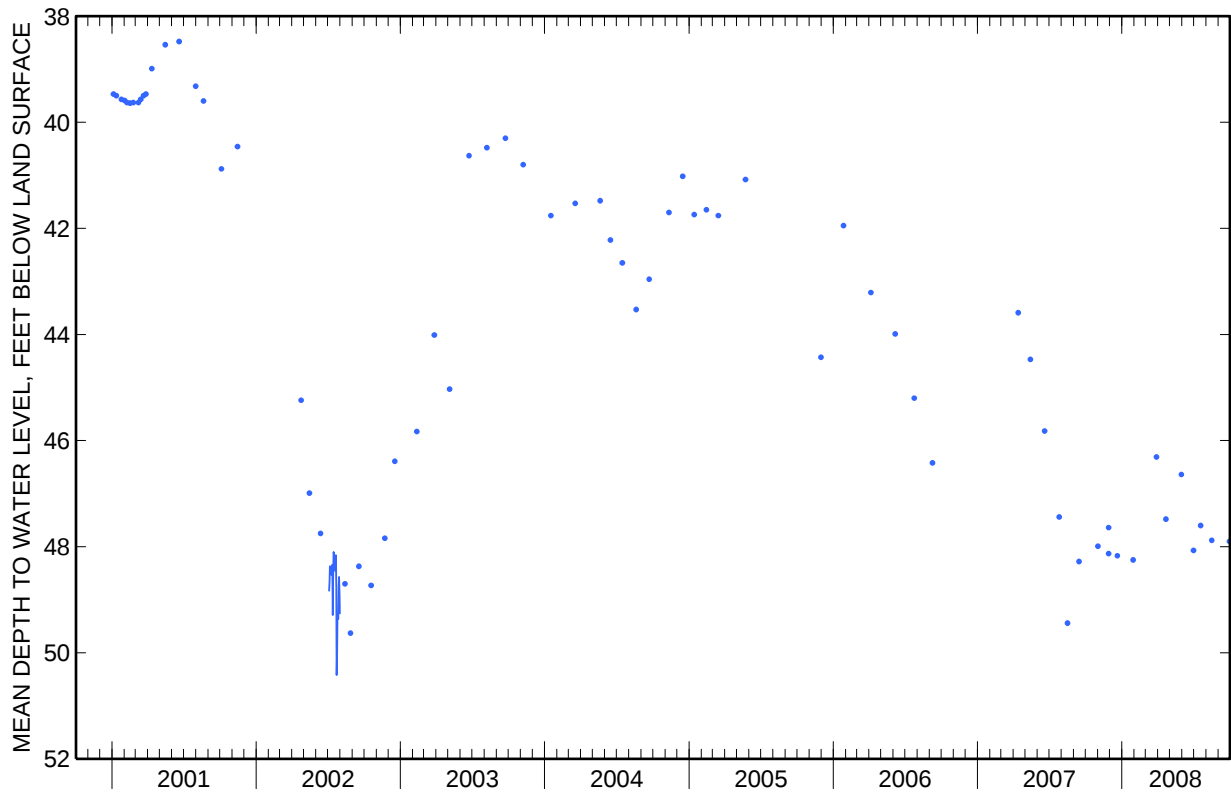
WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Nov 1, 2007	47.99	Apr 21, 2008	47.48
28	48.13	May 30	46.64
28	47.64	Jun 30	48.07
Dec 20	48.17	Jul 18	47.60
Jan 29, 2008	48.25	Aug 15	47.88
Mar 28	46.31	Sep 29	47.90

Highest: 46.31 Mar 28, 2008

Lowest: 48.25 Jan 29, 2008

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2002, March 2003, November 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; M, presence verified but not quantified; 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)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC μ S/cm (00095)
Nov									
28...	1130	Ground water, replicate	47.64	49.80	752	.7	8	8.0	209
28...	1131	QC - Ground water, replicate	--	--	--	--	--	--	--
28...	1132	QC - Artificial, blank	--	--	--	--	--	--	--
28...	1133	QC - Ground water, spike	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 19

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

Date	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, water flt inf tit field, mg/L as CaCO3 (39086)	Bicarbonate, water flt inf pt titr., field, mg/L (00453)	Bromide, water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate, water, fltrd, mg/L (00945)
Nov													
28...	17.5	86	31.3	1.78	1.90	8.14	68	83	E.02	1.72	<.12	28.2	34.1
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--	--

353141080524703 Local number IR-147, NCDENR Langtree Research Station MW-1D near Mooresville, NC (Bedrock)—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; M, presence verified but not quantified; 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)
Nov													
28...	161	<.020	.09	.004	.10	.014	E.2	U	U	<1	<1	3.1	<.14
28...	--	--	--	--	--	--	--	--	--	<1	<1	--	--
28...	--	<.020	<.04	<.002	<.06	<.006	--	--	--	--	--	<1.6	<.14
28...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 19

[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified; 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)
Nov													
28...	1.4	3	<.01	18	E.02	.12	.02	<1.0	U	<8	<.08	E1.0	1.3
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.06	<.4	<.01	V24	<.04	<.12	<.02	<1.0	--	--	<.08	<1.0	<.2
28...	--	--	--	--	--	--	--	--	--	--	--	--	--

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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; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Molybdenum, water, fltrd, µg/L (01060)	Nickel, water, fltrd, µg/L (01065)	Selenium, water, fltrd, µg/L (01145)	Silver, water, fltrd, µg/L (01075)	Strontium, water, fltrd, µg/L (01080)	Thallium, water, fltrd, µg/L (01057)	Vanadium, water, fltrd, µg/L (01085)	Zinc, water, fltrd, µg/L (01090)	1-Naphthol, water, fltrd 0.7u GF µg/L (49295)	2,6-Diethyl-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)
Nov													
28...	14.2	E.18	2.4	<.1	36.7	<.04	8.5	E1.0	<.04	<.006	<.010	<.014	<.010
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.2	<.20	<.04	<.1	<.80	<.04	<.04	<1.8	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	E.02	.099	.093	E.035	E.094

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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

Date	3,4-Dichloro-aniline water, fltrd, µg/L (61625)	3,5-Dichloro-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 µg/L (82686)	Ben-flur-alin, water, fltrd 0.7u GF µg/L (82673)	Carbaryl, water, fltrd 0.7u GF µg/L (82680)	Carbo-furan, water, fltrd 0.7u GF µg/L (82674)	Chlor-pyrifos oxon, water, fltrd, µg/L (61636)
Nov													
28...	<.006	<.008	<.005	<.006	<.006	<.006	<.007	<.04	<.120	<.004	<.060	<.020	<.06
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	E.082	.092	E.048	.100	.100	.085	.103	E.03	E.065	.066	E.094	E.083	E.01

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

Date	Chlorpyrifos water, fltrd, µg/L (38933)	cis-Permethrin water, fltrd, 0.7u GF µg/L (82687)	cis-Propiconazole, water, fltrd, µg/L (79846)	Cyanazine, water, fltrd, µg/L (04041)	Cyfluthrin, water, fltrd, µg/L (61585)	Cyhalothrin, water, fltrd, µg/L (61595)	Cypermethrin, water, fltrd, µg/L (61586)	DCPA, water, fltrd, 0.7u GF µg/L (82682)	Desulfinylfipronil, water, fltrd, µg/L (62170)	Diazinon, water, fltrd, µg/L (39572)	Dicrotophos, water, fltrd, µg/L (38454)	Dieldrin, water, fltrd, µg/L (39381)	Dimethoate, water, fltrd, 0.7u GF µg/L (82662)
Nov													
28...	<.005	<.010	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	<.006
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	.090	.089	E.022	.074	E.057	E.035	E.063	.104	.085	.093	E.04	.098	E.024

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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

Date	Disulfoton sulfone water, fltrd, µg/L (61640)	Disulfoton, water, fltrd, 0.7u GF µg/L (82677)	Endosulfan sulfate, water, fltrd, µg/L (61590)	EPTC, water, fltrd, 0.7u GF µg/L (82668)	Ethion monoxon water, fltrd, µg/L (61644)	Ethion, water, fltrd, µg/L (82346)	Ethion, water, fltrd, 0.7u GF µg/L (82672)	Fenamiphos sulfone water, fltrd, µg/L (61645)	Fenamiphos sulf-oxide, water, fltrd, µg/L (61646)	Fenamiphos, water, fltrd, µg/L (61591)	Desulfinylfipronil amide, wat flt µg/L (62169)	Fipronil sulfide water, fltrd, µg/L (62167)	Fipronil sulfone water, fltrd, µg/L (62168)
Nov													
28...	<.01	<.04	<.022	<.002	<.02	<.006	<.012	<.053	<.04	<.03	<.029	<.013	<.024
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	.09	E.07	.090	.102	E.07	.101	.096	E.052	E.01	.07	E.053	.081	.066

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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; M, presence verified but not quantified; 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)	Ipro-dione, water, fltrd, µg/L (61593)	Isofen-phos, water, fltrd, µg/L (61594)	Mala-oxon, water, fltrd, µg/L (61652)	Mala-thion, water, fltrd, µg/L (39532)	Meta-laxyl, water, fltrd, µg/L (61596)	Methid-athion, water, fltrd, µg/L (61598)	Methyl para-oxon, water, fltrd, µg/L (61664)	Methyl para-thion, water, fltrd 0.7u GF µg/L (82667)	Metola-chlor, water, fltrd, µg/L (39415)	Metri-buzin, water, fltrd, µg/L (82630)
Nov													
28...	<.020	<.010	<.008	<.01	<.006	<.020	<.016	<.007	<.004	<.01	<.008	<.010	<.012
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	E.083	.093	.063	M	.108	.059	.083	.090	.094	E.04	.069	.095	.069

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified; 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)	Oxy-fluor-fen, 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 oxon, water, fltrd, µg/L (61668)	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)
Nov													
28...	<.003	<.010	<.006	<.012	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	.104	.090	.059	.084	E.07	.074	M	E.008	.09	.100	.093	.103	.10

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

Date	Sima- zine, water, fltrd, µg/L (04035)	Tebu- thiuron water, fltrd 0.7u GF µg/L (82670)	Teflu- thrin, water, fltrd, µg/L (61606)	Ter- bufos oxon sulfone water, fltrd, µg/L (61674)	Terbu- fos, water, fltrd 0.7u GF µg/L (82675)	Ter- buthyl- azine, water, fltrd, µg/L (04022)	Thio- bencarb water, fltrd 0.7u GF µg/L (82681)	trans- Propi- cona- zole, 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 µg/L (77562)	1,1,1- Tri- chloro- ethane, water, unfltrd µg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfltrd µg/L (34516)
Nov													
28...	<.006	<.02	<.003	<.04	<.02	<.01	<.010	<.02	<.035	<.006	<.04	<.02	<.10
28...	--	--	--	--	--	--	--	--	--	--	<.04	<.02	<.10
28...	--	--	--	--	--	--	--	--	--	--	<.04	<.02	<.10
28...	.099	.07	E.061	E.04	E.15	.10	.110	E.07	E.084	.074	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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Date	CFC-113 water, unfltrd µg/L (77652)	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)
Nov													
28...	<.04	<.06	<.04	<.02	<.04	<.1	<.1	<.1	<.12	<.1	<.1	<.04	<.5
28...	<.04	<.06	<.04	<.02	<.04	<.1	<.1	<.1	<.12	<.1	<.1	E.08	<.5
28...	<.04	<.06	<.04	<.02	<.04	<.1	<.1	<.1	<.12	<.1	<.1	<.04	<.5
28...	--	--	--	--	--	--	--	--	--	--	--	--	--

353141080524703 Local number IR-147, NCDENR Langtree Research Station MW-1D near Mooresville, NC (Bedrock)—Continued

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Date	1,2-Di-bromo-ethane, water, unfltrd µg/L (77651)	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)
Nov													
28...	<.04	<.02	<.1	<.02	<.04	<.04	<.1	<.02	<.06	<.04	<.04	<.08	<.04
28...	<.04	<.02	<.1	<.02	<.04	<.04	<.1	<.02	<.06	<.04	<.04	<.08	<.04
28...	<.04	<.02	<.1	<.02	<.04	<.04	<.1	<.02	<.06	<.04	<.04	<.08	<.04
28...	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Date	4-Iso-propyl-toluene, water, unfltrd µg/L (77356)	Acetone, water, unfltrd µg/L (81552)	Acrylo-nitrile, 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 di-sulfide, water, unfltrd µg/L (77041)	Chloro-benzene, water, unfltrd µg/L (34301)	Chloro-ethane, water, unfltrd µg/L (34311)
Nov													
28...	<.08	<4	<.4	<.02	<.02	<.06	<.04	<.1	<.08	<.4	<.06	<.02	<.1
28...	<.08	<4	<.4	<.02	<.02	<.06	<.04	<.1	<.08	<.4	<.06	<.02	<.1
28...	<.08	<4	<.4	<.02	<.02	<.06	<.04	<.1	<.08	<.4	<.06	<.02	<.1
28...	--	--	--	--	--	--	--	--	--	--	--	--	--

353141080524703 Local number IR-147, NCDENR Langtree Research Station MW-1D near Mooresville, NC (Bedrock)—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; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected; V, value affected by contamination.]

Date	Chloro- methane water, unfltrd µg/L (34418)	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)
Nov													
28...	<.1	<.02	<.10	<.1	<.04	<.14	<.04	<.1	<.06	<.1	<1.6	<.04	<.1
28...	<.1	<.02	<.10	<.1	<.04	<.14	<.04	<.1	<.06	<.1	<1.6	<.04	<.1
28...	<.1	<.02	<.10	<.1	<.04	<.14	<.04	<.1	<.06	<.1	<1.6	<.04	<.1
28...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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

Date	Hexa- chloro- ethane, water, unfltrd µg/L (34396)	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)
Nov													
28...	<.1	<.40	<.4	<.04	<.2	<.6	<.2	<.06	<.08	<.2	<.6	<.1	<.04
28...	<.1	<.40	<.4	<.04	<.2	<.6	<.2	<.06	<.08	<.2	<.6	<.1	<.04
28...	<.1	<.40	<.4	<.04	<.2	<.6	<.2	<.06	<.08	<.2	<.6	<.1	<.04
28...	--	--	--	--	--	--	--	--	--	--	--	--	--

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 17 of 19

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

Date	o-Xylene, water, unfltrd µg/L (77135)	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)
Nov													
28...	<.04	<.04	<.04	<.04	<.1	<.06	<.04	<.08	<1	<.02	<.02	<.10	<.6
28...	<.04	<.04	<.04	<.04	<.1	<.06	<.04	<.08	<1	<.02	<.02	<.10	<.6
28...	<.04	<.04	<.04	<.04	<.1	<.06	<.04	<.08	<1	<.02	<.02	<.10	<.6
28...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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

Date	Tri- chloro- ethene, water, unfltrd µg/L (39180)	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- vos, 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 72 hr, radioac wat unf Cs-137, pCi/L (63015)	Ra-226, water, fltrd, 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)
Nov													
28...	<.02	<.08	E.06	<.1	<.01	R-.4	1.6	3.2	2.2	.052	R.05	20	280
28...	<.02	<.08	E.06	<.1	--	--	--	--	--	--	--	--	--
28...	<.02	<.08	<.02	<.1	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	E.02	--	--	--	--	--	--	--	--

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WATER-QUALITY DATA
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Part 19 of 19

[QC, quality control sample. Remark codes:

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M, presence verified but not quantified;

R, radchem non-detect, below ssLc;

U, analyzed for but not detected;

V, value affected by contamination.]

Uranium			
natural			
water,			
fltrd,			
µg/L			
(22703)			
Date		Data base number	Medium code
Nov			
28...	1.59	01	WG
28...	--	04	WGQ
28...	<.02	04	OAQ
28...	--	04	WGQ