342111089124401 Local number A0048 PONTOTOC

Southeastern Coastal Plain aquifer system
Ripley Formation

Pontotoc County, MS

LOCATION.--Lat 34°21'27.5", long 89°13'14.48" referenced to North American Datum of 1983, in SE ¼ SE ¼ sec.29, T.8 S., R.1 E., Pontotoc County, MS, Hydrologic Unit 08030201.

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 1 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Barometric pressure, mm Hg (00025)	Tempera-ture, air, °C (00020)	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, lab, milligrams per liter (62971)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	pH, water, unfiltered, laboratory, standard units (00403)	Specific conduc-tance, water, unfiltered, laboratory, µS/cm at 25°C (90095)	Specific conduc-tance, water, unfiltered, µS/cm at 25°C (00095)
07-22-2013 1545	760	23.0	218.44	--	0.1	7.9	8.5	573	568

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 2 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Tempera-ture, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Depth to bottom of sample interval, feet below land surface datum (72016)	Depth to top of sample interval, feet below land surface datum (72015)	Pump or flow period prior to sampling, minutes (72004)	Well purging condition (84143)	1,2-Dichloro-ethane-d4, surrogate, Schedule 2090, water, unfiltered, percent recovery (99832)	16-Epi-estriol-2,4-d2, isotope dilution standard/s urrogate, water, filtered, percent recovery (91676)
07-22-2013 1545	21.7	0.7	625.00	545.00	30	Prgd stbl pH tmp SC	111	87.6

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 342111089124401, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/342111089124401.2013.pdf

342111089124401 Local number A0048 PONTOTOC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 3 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	17-alpha-Ethynyl-estradiol-2,4,16,16-d4,isotope dilution standard, water, filtered, percent recovery (90813)	17-beta-Estradiol-13,14,15,16, 17,18-13C6,-isotope dilution standard, water, filtered, percent recovery (91753)	1-Bromo-4-fluoro-benzene, surrogate, VOC schedules, water, unfiltered, percent recovery (99834)	Bisphenol A-d16,-isotope dilution standard, water, filtered, percent recovery (67308)	Choles-terol 25,26,26,26, 27,27,27-d7, isotope dilution standard, water, filtered, percent recovery (90778)	Estriol-2,4,16,17-d4,isotope dilution standard, water, filtered, percent recovery (91615)	Estrone-13,14,15,16, 17,18-13C6,-isotope dilution standard, water, filtered, percent recovery (91754)	Isobutyl alcohol-d6, surrogate, water, unfiltered, percent recovery (62835)	Medroxy-roges-terone-d3,-isotope dilution standard/surrogate, water, filtered, percent recovery (91678)
07-22-2013 1545	83.6	74.2	97.6	79.8	80.3	75.0	77.9	120	85.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 4 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Mestranol-2,4,16,16-d4,isotope dilution standard, water, filtered, percent recovery (90821)	Nan-drolone-16,16,17-d3,isotope dilution standard, water, filtered, percent recovery (91679)	Proges-terone-2,3,4-13C3,-isotope dilution standard, water, filtered, percent recovery (90510)	Sample volume, water, filtered, hormone schedule, milliliters (91118)	Toluene-d8, surrogate, Schedule 2090, water, unfiltered, percent recovery; (99833)	trans-Diethyl-1,1,1',1'-d4-stilbestrol-3,3',5,5'-d4,isotope dilution standard, water, filtered, percent recovery (90817)	Sample purpose (71999)	Sample source (72005)
07-22-2013 1545	70.7	82.0	76.5	415	97.4	81.0	NAWQA	Tap near well

342111089124401 Local number A0048 PONTOTOC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 5 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Sampler type (84164)	Sampling condition (72006)	Sampling method (82398)	Purpose, site visit (50280)	Type of quality assurance data associated with sample (99111)	Weather, World Meteoro-logical Organization code (00041)
07-22-2013 1545	Sbmrsbl pos pressure	Pumping	Submersible pump	Primary groundwater	No assoc QA data	Partly cloudy

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 6 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)	Calcium, water, filtered, mg/L (00915)	Magne-sium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as $CaCO_3$ (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Bromide, water, filtered, mg/L (71870)	Carbon dioxide, water, unfiltered, mg/L (00405)
07-22-2013 1545	357	4.79	1.44	2.54	130	294	353	0.038	7.4

342111089124401 Local number A0048 PONTOTOC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 7 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Carbonate, water, filtered, inflection-point incremental titration method, field, mg/L (00452)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Hydrogen sulfide, water, unfiltered, mg/L (71875)	Hydrogen, water, unfiltered, nanomoles per kilogram (85576)	Silica, water, filtered, mg/L as SiO_2 (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Dinitrogen, water, unfiltered, mg/L (00597)
07-22-2013 1545	3	1.76	1.92	M	--	9.46	5.72	0.607	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 8 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophos-phate, water, filtered, mg/L as P (00671)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Coliphage, F-specific, E. coli FAMP-host, 2-step enrich-ment, water, presence or absence per liter (99335)	Coliphage, somatic,E. coli CN13-host,2-step enrich-ment, water, presence or absence per liter (99332)	Entero-cocci, mEI MF method, water, col/100 mL (90909)	Esche-richia coli, Defined Substrate Tech-nology, water, MPN/100 mL (50468)	Total coliform, Defined Substrate Tech-nology, water, MPN/100 mL (50569)
07-22-2013 1545	< .040	< .001	0.015	0.60	U	U	< .4	< 1	< 1

342111089124401 Local number A0048 PONTOTOC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 9 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Aluminum, water, filtered, µg/L (01106)	Barium, water, filtered, µg/L (01005)	Beryllium, water, filtered, µg/L (01010)	Cadmium, water, filtered, µg/L (01025)	Chromium, water, filtered, µg/L (01030)	Cobalt, water, filtered, µg/L (01035)	Copper, water, filtered, µg/L (01040)	Iron, water, filtered, µg/L (01046)	Lead, water, filtered, µg/L (01049)
07-22-2013 1545	2.2	14.1	0.019	< .016	< .07	0.038	< .80	40.7	0.113

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 10 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Lithium, water, filtered, µg/L (01130)	Manga-nese, water, filtered, µg/L (01056)	Molyb-denum, water, filtered, µg/L (01060)	Nickel, water, filtered, µg/L (01065)	Silver, water, filtered, µg/L (01075)	Strontium, water, filtered, µg/L (01080)	Thallium, water, filtered, µg/L (01057)	Vanadium, water, filtered, µg/L (01085)	Zinc, water, filtered, µg/L (01090)
07-22-2013 1545	15.3	1.21	1.53	< .09	< .005	264	< .010	< .08	< 1.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 11 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Antimony, water, filtered, µg/L (01095)	Argon, water, unfiltered, milligrams per liter (82043)	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)	Helium, water, unfiltered, nanomoles per kilogram (85575)	Selenium, water, filtered, µg/L (01145)	1,2-Dichloro-ethane, water, unfiltered, recover-able, µg/L (32103)	1,4-Dichloro-benzene, water, unfiltered, recover-able, µg/L (34571)	Bromo-methane, water, unfiltered, recover-able, µg/L (34413)
07-22-2013 1545	0.033	--	1.1	505	--	< .03	< .08	< .026	< .2

342111089124401 Local number A0048 PONTOTOC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 12 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Carbon disulfide, water, unfiltered, µg/L (77041)	cis-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34704)	trans-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34699)	1,1,1,2-Tetrachloroethane, water, unfiltered, recoverable, µg/L (77562)	1,1,1-Trichloroethane, water, unfiltered, recoverable, µg/L (34506)	1,1,2-Trichloroethane, water, unfiltered, recoverable, µg/L (34511)	1,1-Dichloroethane, water, unfiltered, recoverable, µg/L (34496)	1,1-Dichloroethene, water, unfiltered, recoverable, µg/L (34501)	1,2,4-Trichlorobenzene, water, unfiltered, recoverable, µg/L (34551)
07-22-2013 1545	M	< .10	< .14	< .040	< .030	< .046	< .044	< .022	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 13 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	1,2,4-Trimethylbenzene, water, unfiltered, recoverable, µg/L (77222)	1,2-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34536)	11-Ketotestosterone, water, filtered, recoverable,ng/L (64507)	17-alpha-Estradiol, water, filtered, recoverable,ng/L (64508)	17-alpha-Ethynyl estradiol, water, filtered, recoverable,ng/L (64509)	17-beta-Estradiol, water, filtered, recoverable,ng/L (64510)	3-beta-Coprostanol, water, filtered, recoverable,ng/L (64512)	4-Androstene-3,17-dione, water, filtered, recoverable,ng/L (64513)	Benzene, water, unfiltered, recoverable, µg/L (34030)
07-22-2013 1545	< .032	< .028	< 2.00	< .80	< .80	< .80	< 200	< .80	< .026

342111089124401 Local number A0048 PONTOTOC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 14 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Bisphenol A, water, filtered, recoverable,ng/L (67304)	Bromochloromethane, water, unfiltered, recoverable, µg/L (77297)	Bromodichloromethane, water, unfiltered, recoverable, µg/L (32101)	Chlorobenzene, water, unfiltered, recoverable, µg/L (34301)	Chloromethane, water, unfiltered, recoverable, µg/L (34418)	Cholesterol, water, filtered, recoverable,ng/L (64514)	cis-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (77093)	cis-Androsterone, water, filtered, recoverable,ng/L (64515)	Dibromochloromethane, water, unfiltered, recoverable, µg/L (32105)
07-22-2013 1545	< 100	< .06	< .034	< .026	< .1	< 200	< .022	< .80	< .12

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 15 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Dichloromethane, water, unfiltered, recoverable, µg/L (34423)	Dihydrotestosterone, water, filtered, recoverable,ng/L (64524)	Epitestosterone, water, filtered, recoverable,ng/L (64517)	Equilenin, water, filtered, recoverable,ng/L (64518)	Equilin, water, filtered, recoverable,ng/L (64519)	Estriol, water, filtered, recoverable,ng/L (64520)	Estrone, water, filtered, recoverable,ng/L (64521)	Ethylbenzene, water, unfiltered, recoverable, µg/L (34371)	Mestranol, water, filtered, recoverable,ng/L (64522)
07-22-2013 1545	< .04	< 4.00	< 2.00	< 2.00	< 8.00	< 2.00	< .80	< .036	< .80

342111089124401 Local number A0048 PONTOTOC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 16 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Methane, water, unfiltered, recoverable, mg/L (85574)	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795)	Naphthalene, water, unfiltered, recoverable, µg/L (34696)	Norethindrone, water, filtered, recoverable,ng/L (64511)	n-Propylbenzene, water, unfiltered, recoverable, µg/L (77224)	Organic carbon, water, filtered, mg/L (00681)	o-Xylene, water, unfiltered, recoverable, µg/L (77135)	Progesterone, water, filtered, recoverable,ng/L (64523)	sec-Butylbenzene, water, unfiltered, recoverable, µg/L (77350)
07-22-2013 1545	--	< .08	< .18	< .80	< .036	0.32	< .032	< 8.00	< .034

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 17 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Styrene, water, unfiltered, recoverable, µg/L (77128)	Testosterone, water, filtered, recoverable,ng/L (64525)	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)	Tetrachloromethane, water, unfiltered, recoverable, µg/L (32102)	Toluene, water, unfiltered, recoverable, µg/L (34010)	trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (34546)	trans-Diethylstilbestrol, water, filtered, recoverable,ng/L (64516)	Tribromomethane, water, unfiltered, recoverable, µg/L (32104)	Trichloroethene, water, unfiltered, recoverable, µg/L (39180)
07-22-2013 1545	< .042	< 1.60	< .026	< .06	< .02	< .018	< .80	< .10	< .022

342111089124401 Local number A0048 PONTOTOC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 18 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Trichloro-methane, water, unfiltered, recover-able, µg/L (32106)	Vinyl chloride, water, unfiltered, recover-able, µg/L (39175)	Carbon-14 counting error, water, filtered, percent modern (49934)	Carbon-14, water, filtered, percent modern (49933)	Gross alpha radio-activity, 30-day count, water, filtered, Th-230 curve, pCi/L (62639)	Gross alpha radio-activity, 72-hour count, water, filtered, Th-230 curve, pCi/L (62636)	Gross beta radio-activity, 30-day count, water, filtered, Cs-137 curve, pCi/L (62645)	Gross beta radio-activity, 72-hour count, water, filtered, Cs-137 curve, pCi/L (62642)	Lead-210, water, filtered, picocuries per liter (17503)
07-22-2013 1545	< .03	< .06	0.020	0.120	R .1	R .4	4.2	2.7	0.47

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 19 of 19

[$CaCO_3$, calcium carbonate; MF, membrane filter; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; col/100 mL, colonies per 100 milliliters; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; pCi/L, picocuries per liter; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; R, radchem non-detect, below ssLc; U, analyzed for but not detected]

Sample date-time	Polonium-210, water, filtered, picocuries per liter (19503)	Radium-224, water, filtered, pCi/L (50833)	Radium-226, water, filtered, pCi/L (09503)	Radium-228, water, filtered, pCi/L (81366)	Radon-222, water, unfiltered, pCi/L (82303)	Uranium (natural), water, filtered, µg/L (22703)	Carbon-13/Carbon-12 ratio, water, unfiltered, per mil (82081)	Oxygen-18/Oxygen-16 ratio, water, unfiltered, per mil (82085)	Deuterium/Protium ratio, water, unfiltered, per mil (82082)
07-22-2013 1545	R .00	0.14	0.14	R .04	350	< .004	-5.39	-5.95	-33.30