



Water-Data Report 2012

470844119182501 Local number 19N/28E-16B01 SU129

Columbia Plateau basin-fill aquifers
Unclassified Overburden

Grant County, WA

LOCATION.--Lat 47°08'33.62", long 119°18'27.65" referenced to North American Datum of 1983, in NW ¼ NE ¼ sec.16, T.19 N., R.28 E., Grant County, WA, Hydrologic Unit 17020015, at Moses Lake.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 135.5 ft. Upper casing diameter 8 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 1,168 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

PERIOD OF RECORD.--August 1994, August and September 2002, September 2004, August 2006, July 2008, July 2010, July 2012.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 1 of 26

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Local identifier	Date	Sample start time	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Dissolved oxygen, unfiltered, water, mg/L (00300)	Flow rate, instantaneous, gallons per minute (00059)	pH, water, unfiltered, field, standard units (00400)
470844119182501	19N/28E-16B01 SU129	07-20-2012	1100	729	28.0	1.2	0.13	7.9

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Specific conductance, unfiltered, water, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, correction, NTRU (63676)	Pump or flow period prior to sampling, minutes (72004)	1,2-Dichloro-ethane-d4, surrogate, Schedule 2090, unfiltered, percent recovery (99832)	1-Bromo-4-fluoro-benzene, surrogate, VOC schedules, unfiltered, percent recovery (99834)	alpha-HCH-d6, surrogate, Schedule 2003, filtered, percent recovery (99995)	Diazinon-d10, surrogate, Schedule 2003, filtered, percent recovery (99994)
470844119182501	405	19.5	0.1	54	123	88.2	111	89.4

470844119182501 Local number 19N/28E-16B01 SU129—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 3 of 26

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Toluene-d8, surrogate, Schedule 2090, water, unfiltered, percent recovery; (99833)	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)	Calcium, water, filtered, mg/L (00915)	Magnesium, 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, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Bromide, water, filtered, mg/L (71870)
470844119182501	92.3	273	21.7	8.67	9.47	53.4	154	186	0.123

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	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)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)
470844119182501	0.8	14.7	0.89	U	44.0	30.3	< .010	0.440	0.001 n

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Orthophosphate, water, filtered, mg/L as P (00671)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	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)
470844119182501	0.018	0.53	2.9 n	29.7	< .006	< .016	0.24	0.086	< .80

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Iron, water, filtered, µg/L (01046)	Lead, water, filtered, µg/L (01049)	Lithium, water, filtered, µg/L (01130)	Manganese, water, filtered, µg/L (01056)	Molybdenum, 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)
470844119182501	< 3.2	0.094	12.2	0.38	3.42	0.20	< .005	113	0.012 n

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Vanadium, water, filtered, µg/L (01085)	Zinc, water, filtered, µg/L (01090)	Antimony, water, filtered, µg/L (01095)	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)	Selenium, water, filtered, µg/L (01145)	1,2,3-Tri-chloro-propane, water, unfiltered, recoverable, µg/L (77443)	1,2-Dibromo-3-chloro-propane, water, unfiltered, recoverable, µg/L (82625)	1,2-Dibromo-ethane, water, unfiltered, recoverable, µg/L (77651)
470844119182501	21.5	4.4	0.031 n	2.0	25	0.35	< .120	< .400	< .028

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	1,2-Dichloroethane, water, unfiltered, recoverable, µg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, µg/L (34541)	1,3-Dichloropropane, water, unfiltered, recoverable, µg/L (77173)	1,4-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295)	2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, µg/L (61618)	2-Chloro-4-isopropylamino-6-triazine, water, filtered, recoverable, µg/L (04040)	2-Ethyl-6-methylaniline, water, filtered, recoverable, µg/L (61620)
470844119182501	< .08	< .0260	< .06	< .026	< .0360 m	< .0060	< .010	E .006 bmn	< .010 m

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	3,4-Dichloroaniline, water, filtered, recoverable, µg/L (61625)	3,5-Dichloroaniline, water, filtered, recoverable, µg/L (61627)	3-Chloropropene, water, unfiltered, recoverable, µg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, µg/L (61633)	Acetochlor, water, filtered, recoverable, µg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, µg/L (34215)	Alachlor, water, filtered, recoverable, µg/L (46342)	alpha-Endosulfan, water, filtered, recoverable, µg/L (34362)	Atrazine, water, filtered, recoverable, µg/L (39632)
470844119182501	< .0060 m	< .006	< .08 m	< .0080 m	< .010	< .48	< .008	< .006	< .008

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WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Azinphos-methyl oxygen analog, water, filtered, recoverable, µg/L (61635)	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	Bromo-methane, water, unfiltered, recoverable, µg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82674)	Carbon disulfide, water, unfiltered, recoverable, µg/L (77041)	Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636)	Chlorpyrifos, water, filtered, recoverable, µg/L (38933)
470844119182501	< .042 m	< .120 m	< .014	< .2 m	< .060 m	< .060 m	< .1 m	< .08 m	< .0036

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	cis-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34704)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687)	cis-Propiconazole, water, filtered, recoverable, µg/L (79846)	Cyanazine, water, filtered, recoverable, µg/L (04041)	Cyfluthrin, water, filtered, recoverable, µg/L (61585)	Cypermethrin, water, filtered, recoverable, µg/L (61586)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682)	Desulfinylfipronil, water, filtered, recoverable, µg/L (62169)	Desulfinylfipronil, water, filtered, recoverable, µg/L (62170)
470844119182501	< .10	< .010	< .008 m	< .022	< .016 m	< .020 m	< .0076	< .029 m	< .012

470844119182501 Local number 19N/28E-16B01 SU129—Continued

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Diazinon, water, filtered, recover- able, µg/L (39572)	Dichlor- vos, water, filtered, recover- able, µg/L (38775)	Dicroto- phos, water, filtered, recover- able, µg/L (38454)	Dieldrin, water, filtered, recover- able, µg/L (39381)	Dimethoate, water, filtered, glass fiber filter), recoverable, µg/L (82662)	Disulfoton sulfone, water, filtered, recover- able, µg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82677)	Endosulfan sulfate, water, filtered, recover- able, µg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82668)
470844119182501	< .0060	< .04 m	< .08 m	< .008	< .0100 m	< .014	< .040 m	< .016	< .0056

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Ethion monoxon, water, filtered, recover- able, µg/L (61644)	Ethion, water, filtered, recover- able, µg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82672)	Fenami- phos sulfone, water, filtered, recover- able, µg/L (61645)	Fenami- phos sulfoxide, water, filtered, recover- able, µg/L (61646)	Fenami- phos, water, filtered, recover- able, µg/L (61591)	Fipronil sulfide, water, filtered, recover- able, µg/L (62167)	Fipronil sulfone, water, filtered, recover- able, µg/L (62168)	Fipronil, water, filtered, recover- able, µg/L (62166)
470844119182501	< .021 m	< .010	< .016	< .054	< .08 m	< .030	< .012	< .024	< .018 m

470844119182501 Local number 19N/28E-16B01 SU129—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Fonofos, water, filtered, recover- able, µg/L (04095)	Hexa- zinone, water, filtered, recover- able, µg/L (04025)	Iodo- methane, water, unfiltered, recover- able, µg/L (77424)	Iprodione, water, filtered, recover- able, µg/L (61593)	Isofen- phos, water, filtered, recover- able, µg/L (61594)	lambda- Cyhalo- thrin, water, filtered, recover- able, µg/L (61595)	Malaoxon, water, filtered, recover- able, µg/L (61652)	Malathion, water, filtered, recover- able, µg/L (39532)	Metalaxyl, water, filtered, recover- able, µg/L (61596)
470844119182501	< .0048	< .012	< .26 m	< .014 m	< .008	< .010 m	< .022	< .016	< .014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Methida- thion, water, filtered, recover- able, µg/L (61598)	Methyl paraoxon, water, filtered, recover- able, µg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82667)	Metola- chlor, water, filtered, recover- able, µg/L (39415)	Metri- buzin, water, filtered, recover- able, µg/L (82630)	Molinate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82671)	Myclo- butanil, water, filtered, recover- able, µg/L (61599)	Oxy- fluorfen, water, filtered, recover- able, µg/L (61600)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82683)
470844119182501	< .012	< .014 m	< .008	< .020	< .012	< .0040	< .010	< .010	< .012

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WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	Prometon, water, filtered, recoverable, µg/L (04037)	Prometryn, water, filtered, recoverable, µg/L (04036)	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82679)	Propargite, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82685)	Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676)
470844119182501	< .027 m	< .020	< .0511 m	< .080 m	< .012	< .010	< .010	< .020	< .0036

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Simazine, water, filtered, recoverable, µg/L (04035)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)	Tefluthrin, water, filtered, recoverable, µg/L (61606)	Terbufos oxygen sulfone, water, filtered, recoverable, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675)	Terbuthyl-azine, water, filtered, recoverable, µg/L (04022)	Thioben-carb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82681)	trans-1,3-Dichloro-propene, water, unfiltered, recoverable, µg/L (34699)	trans-Propicon-azole, water, filtered, recoverable, µg/L (79847)
470844119182501	< .006	< .028	< .014 m	< .045	< .018	< .008	< .016	< .14	< .018 m

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WATER-QUALITY DATA
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Station number	Tribuphos, water, filtered, recover- able, µg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82661)	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, µg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, µg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, µg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, µg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, µg/L (34501)
470844119182501	< .018 m	< .018	< .040	< .030	< .14	< .022	< .046	< .044	< .022

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	1,1-Di- chloro- propene, water, unfiltered, recover- able, µg/L (77168)	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, µg/L (49999)	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, µg/L (50000)	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, µg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, µg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, µg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, µg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, µg/L (34536)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, µg/L (77226)
470844119182501	< .040	< .10	< .080	< .06	< .060	< .08	< .032	< .028	< .032

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	1,3-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77170)	2-Chloro-toluene, water, unfiltered, recoverable, µg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, µg/L (77220)	4-Chloro-toluene, water, unfiltered, recoverable, µg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, µg/L (77356)	Acetone, water, unfiltered, recoverable, µg/L (81552)	Benzene, water, unfiltered, recoverable, µg/L (34030)	Bromo-benzene, water, unfiltered, recoverable, µg/L (81555)
470844119182501	< .024	< .06	< .028	< .032	< .042	< .06	< 3.4	< .026	< .022

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Bromo-chloro-methane, water, unfiltered, recoverable, µg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, µg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, µg/L (50002)	Chloro-benzene, water, unfiltered, recoverable, µg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, µg/L (34311)	Chloro-methane, water, unfiltered, recoverable, µg/L (34418)	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, µg/L (77093)	Dibromo-chloro-methane, water, unfiltered, recoverable, µg/L (32105)	Dibromo-methane, water, unfiltered, recoverable, µg/L (30217)
470844119182501	< .06	< .034	< .12	< .026	< .06	< .1 m	< .022	< .12	< .050

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Dichloro-difluoro-methane, water, unfiltered, recoverable, µg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, µg/L (34423)	Diethyl ether, water, unfiltered, recoverable, µg/L (81576)	Diiso-propyl ether, water, unfiltered, recoverable, µg/L (81577)	Ethyl metha-crylate, water, unfiltered, recoverable, µg/L (73570)	Ethyl methyl ketone, water, unfiltered, recoverable, µg/L (81595)	Ethyl-benzene, water, unfiltered, recoverable, µg/L (34371)	Hexa-chloro-butadiene, water, unfiltered, recoverable, µg/L (39702)	Hexa-chloro-ethane, water, unfiltered, recoverable, µg/L (34396)
470844119182501	< .10 m	< .04	< .1	< .06	< .20	< 1.6	< .036	< .08	< .10

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Isobutyl methyl ketone, water, unfiltered, recoverable, µg/L (78133)	Isopropyl-benzene, water, unfiltered, recoverable, µg/L (77223)	Methyl acrylate, water, unfiltered, recoverable, µg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, µg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, µg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, µg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, µg/L (50005)	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795)	Naphthalene, water, unfiltered, recoverable, µg/L (34696)
470844119182501	< .32	< .042	< .8	< .26	< .22	< .10	< .06	< .08	< .18

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	n-Butyl methyl ketone, water, unfiltered, recoverable, µg/L (77103)	n-Butylbenzene, water, unfiltered, recoverable, µg/L (77342)	n-Propylbenzene, water, unfiltered, recoverable, µg/L (77224)	o-Xylene, water, unfiltered, recoverable, µg/L (77135)	sec-Butylbenzene, water, unfiltered, recoverable, µg/L (77350)	Styrene, water, unfiltered, recoverable, µg/L (77128)	tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, µg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)
470844119182501	< .4	< .08	< .036	< .032	< .034	< .042	< .032	< .060	< .026

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Tetrachloromethane, water, unfiltered, recoverable, µg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, µg/L (81607)	Toluene, water, unfiltered, recoverable, µg/L (34010)	trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547)	Tribromomethane, water, unfiltered, recoverable, µg/L (32104)	Trichloroethene, water, unfiltered, recoverable, µg/L (39180)	Trichlorofluoromethane, water, unfiltered, recoverable, µg/L (34488)	Trichloromethane, water, unfiltered, recoverable, µg/L (32106)
470844119182501	< .06	< 1.4	< .02	< .018	< 2.0 m	< .10	< .022	< .06	< .03

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected; b, value extrapolated at low end; m, value is highly variable by this method; n, below the LRL and above the LT-MDL]

Station number	Vinyl chloride, water, unfiltered, recover- able, µg/L (39175)	Uranium (natural), water, filtered, µg/L (22703)
470844119182501	< .06	1.27