Water-Data Report 2012

07230500 LITTLE RIVER NEAR TECUMSEH, OK

Lower Canadian Basin
Little Subbasin

LOCATION.--Lat 35°10′21″, long 96°55′54″ referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.13, T.8 N., R.3 E., Pottawatomie County, OK, Hydrologic Unit 11090203, on downstream side of center pier of bridge on U.S. Highway 177, 1.5 mi downstream from Dance Creek, 5.0 mi south of Tecumseh, and at mile 77.2.

DRAINAGE AREA.--463 mi^2, revised. From automated delineation using 10-meter National Elevation Dataset digital elevation model data dated 10/01/2006 and Watershed Boundary Dataset dated 10/01/2006, using Albers Equal-Area Projection, North American Datum 1983.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1943 to current year. Monthly discharge only for some periods, published in WSP 1311.

REVISED RECORDS.--WSP 1117: Drainage area. WDR 2012: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 898.52 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Records fair except for estimated periods which are poor. Flow regulated or diverted since 1965 by Lake Thunderbird, 19.2 mi upstream (station 07229900). U.S. Army Corps of Engineers' satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1932 reached a stage of 25.58 ft, from floodmark.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 07230500, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/07230500.2012.pdf

07230500 LITTLE RIVER NEAR TECUMSEH, OK—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.66	3.9	5.6	5.4	7.3	7.1	15	10	2.3	0.49	e0.00	0.14
2	0.67	3.9	5.4	5.3	7.1	6.4	13	8.8	4.2	0.47	e0.00	0.11
3	0.86	3.8	13	5.5	8.2	6.0	22	7.8	4.2	0.39	e0.00	0.11
4	0.88	3.6	19	6.0	11	5.7	36	6.9	3.6	0.30	e0.00	0.11
5	0.74	3.6	8.7	5.8	8.5	5.6	20	6.7	2.6	0.19	e0.00	0.12
6	0.72	4.5	6.5	5.7	7.5	5.5	15	6.1	6.6	0.17	e0.00	0.07
7	0.62	5.9	e6.0	5.9	7.3	6.0	14	5.8	13	0.19	e0.00	0.36
8	0.83	e62	6.2	5.8	7.2	7.8	13	5.9	7.2	0.35	e0.00	0.19
9	6.9	e33	6.1	5.8	7.3	8.5	13	5.7	4.8	0.66	e0.00	0.09
10	29	15	5.7	6.3	9.6	6.8	13	5.3	3.7	0.85	e0.00	0.06
11	8.2	10	5.6	7.0	9.0	77	13	6.8	3.2	0.81	e0.00	0.04
12	4.5	8.2	5.7	6.2	e7.5	36	17	13	3.0	1.0	e0.00	0.02
13	3.0	6.6	6.3	e6.1	8.5	15	14	9.7	2.6	0.65	e0.00	0.10
14	2.1	6.0	6.8	e6.3	9.4	11	15	6.8	2.8	1.3	e0.00	0.39
15	2.0	6.2	6.9	6.4	8.6	11	20	6.2	4.6	2.5	e0.00	0.79
16	2.0	5.4	6.0	6.5	7.9	9.8	24	5.7	3.9	0.71	e0.00	0.99
17	2.1	4.8	5.8	6.7	7.4	9.3	14	5.0	2.9	0.33	e0.00	0.92
18	1.9	4.8	5.7	e6.2	8.1	8.9	12	4.2	2.0	0.15	e0.00	0.83
19	1.6	5.7	6.1	6.4	8.2	1,260	11	3.7	1.7	0.04	e0.65	0.61
20	1.7	5.9	8.6	6.7	7.5	1,080	16	13	1.3	0.01	1.7	0.42
21	2.3	9.1	7.2	6.5	8.6	205	14	10	1.5	0.00	0.45	0.22
22	3.0	15	6.4	6.2	8.2	142	12	7.6	5.7	0.01	0.11	0.12
23	4.8	9.3	5.9	6.2	7.6	85	9.4	5.1	3.4	0.01	0.04	0.11
24	5.5	6.9	5.6	6.3	6.7	47	9.0	3.9	2.2	e0.00	0.04	0.09
25	3.9	6.2	5.8	14	6.2	29	8.9	3.6	1.7	e0.00	0.06	0.07
26	2.9	7.0	6.1	13	6.5	23	8.8	3.2	1.5	e0.00	2.0	0.17
27	5.2	7.9	6.4	8.9	6.5	20	8.5	2.8	1.1	e0.00	6.8	2.7
28	7.7	6.3	6.2	7.7	6.5	17	7.9	2.5	0.89	e0.00	2.5	4.9
29	5.2	5.8	6.0	7.2	7.8	17	8.1	2.3	0.69	e0.00	0.89	12
30	3.9	5.6	5.9	7.2	---	16	8.4	3.5	0.57	e0.00	0.41	17
31	3.8	---	5.8	7.4	---	16	---	2.6	---	e0.00	0.16	---
Total	119.18	281.9	213.0	212.6	227.7	3,200.4	425.0	190.2	99.45	11.58	15.81	43.85
Mean	3.84	9.40	6.87	6.86	7.85	103	14.2	6.14	3.31	0.37	0.51	1.46
Max	29	62	19	14	11	1,260	36	13	13	2.5	6.8	17
Min	0.62	3.6	5.4	5.3	6.2	5.5	7.9	2.3	0.57	0.00	0.00	0.02
Ac-ft	236	559	422	422	452	6,350	843	377	197	23	31	87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	91.9	99.1	90.5	84.3	122	189	223	312	256	98.0	59.9	57.1
Max	898	628	851	844	783	1,086	1,265	1,687	1,401	1,091	863	477
(WY)	(1984)	(1984)	(1993)	(1985)	(1985)	(1990)	(1990)	(1990)	(1995)	(2007)	(2007)	(1970)
Min	0.01	2.27	2.12	2.74	2.45	4.49	5.55	6.14	3.31	0.37	0.00	0.22
(WY)	(1979)	(1981)	(1979)	(1981)	(1967)	(1966)	(1981)	(2012)	(2012)	(2012)	(1972)	(1980)

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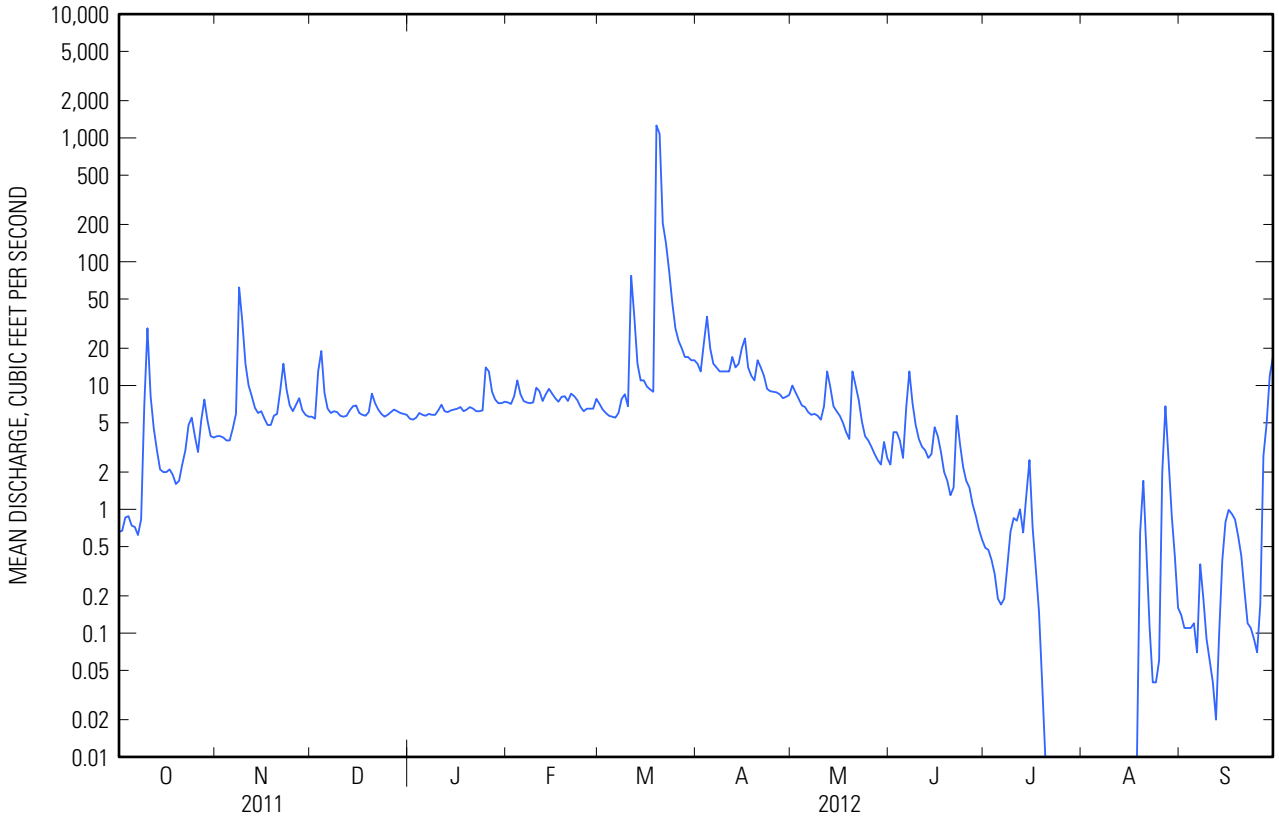
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1966 - 2012	
Annual total	4,621.84		5,040.67			
Annual mean	12.7		13.8		[a]140	
Highest annual mean					511	1985
Lowest annual mean					6.96	2006
Highest daily mean	468	Apr 24	1,260	Mar 19	9,740	May 3, 1990
Lowest daily mean	[a]0.00	Several days	0.00	Many days	0.00	At times
Annual seven-day minimum	0.00	Aug 2	0.00	Jul 24	0.00	Jun 23, 1966
Maximum peak flow			4,330	Mar 19	b14,000	May 3, 1990
Maximum peak stage			14.68	Mar 19	[c]19.24	Oct 20, 1984
Annual runoff (ac-ft)	9,170		10,000		101,500	
10 percent exceeds	19		14		436	
50 percent exceeds	6.5		5.8		18	
90 percent exceeds	0.04		0.06		2.1	

[a] Prior to regulation, water years 1944-64, 149 ft^3/s.
[b] Maximum discharge for period of record, 32,400 ft^3/s, May 25, 1957.
[c] Maximum gage height for period of record, 19.68 ft, May 18, 1949.



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WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 1 of 14

[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Discharge, instantaneous, ft^3/s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)
01-10-2012	**0930**	735	5.3	6.1	11.7	97	8.4	1,200	5.9	663
03-19-2012	**1600**	728	13.1	1,450	7.3	76	8.0	345	15.3	199
05-31-2012	**1030**	736	4.1	2.6	8.9	112	8.4	1,290	25.2	705
06-26-2012	**1000**	743	39.8	1.5	8.5	116	8.4	1,510	30.4	815
08-26-2012	**1030**	744	24.7	1.5	7.7	E 97	8.6	E 766	25.7	1,180
09-18-2012	**1130**	744	21.8	1.0	10.2	123	9.0	2,130	23.2	1,180

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 2 of 14

[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Dissolved solids, water, filtered, sum of constituents, mg/L (70301)	Dissolved solids, water, filtered, tons per acre-foot (70303)	Dissolved solids, water, tons per day (70302)	Hardness, water, mg/L as $CaCO_3$ (00900)	Noncarbonate hardness, water, filtered, field, mg/L as $CaCO_3$ (00904)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium adsorption ratio, water, number (00931)
01-10-2012	**0930**	673	.90	10.9	289	16	60.5	33.4	1.84	3.64
03-19-2012	**1600**	168	.27	777	106	12	22.6	12.0	3.23	.96
05-31-2012	**1030**	722	.96	4.97	270	46	44.5	38.5	3.25	5.19
06-26-2012	**1000**	793	1.11	3.26	212	6	30.3	33.1	3.19	6.77
08-26-2012	**1030**	1,140	1.61	4.73	192	--	23.8	32.2	3.93	11.0
09-18-2012	**1130**	1,150	1.61	3.22	216	16	27.0	36.1	2.94	10.2

07230500 LITTLE RIVER NEAR TECUMSEH, OK—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 3 of 14

[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)	Carbonate, water, filtered, inflection-point incremental titration method, field, mg/L (00452)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO_2 (00955)	Sulfate, water, filtered, mg/L (00945)
01-10-2012	**0930**	142	272	326	3.1	202	.378	9.26	60.2
03-19-2012	**1600**	22.8	93.8	114	< 1.0	28.7	.261	6.31	13.7
05-31-2012	**1030**	196	223	264	3.8	233	.372	14.0	58.8
06-26-2012	**1000**	226	206	244	3.1	294	.432	13.0	69.6
08-26-2012	**1030**	351	210	246	5.3	488	.454	8.30	107
09-18-2012	**1130**	346	201	233	5.7	496	.423	8.81	114

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 4 of 14

[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, mg/L as NH4 (71846)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrate, water, filtered, mg/L (71851)	Nitrate, water, filtered, mg/L as N (00618)	Nitrite, water, filtered, mg/L (71856)	Nitrite, water, filtered, mg/L as N (00613)
01-10-2012	**0930**	.124	.173	.016	.0122	< .04	< .177	< .040	< .003	< .0010
03-19-2012	**1600**	.757	10.6	.173	.134	.441	1.89	.427	.044	.0135
05-31-2012	**1030**	.295	.301	< .013	< .010	< .04	< .177	< .040	< .003	< .0010
06-26-2012	**1000**	.379	.514	< .013	< .010	< .04	< .177	< .040	< .003	< .0010
08-26-2012	**1030**	.718	1.02	.016	.0124	< .04	< .177	< .040	< .003	< .0010
09-18-2012	**1130**	.496	.582	.026	.0205	< .04	< .177	< .040	< .003	< .0010

07230500 LITTLE RIVER NEAR TECUMSEH, OK—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
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[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Organic nitrogen, water, filtered, mg/L (00607)	Organic nitrogen, water, unfiltered, mg/L (00605)	Orthophosphate, water, filtered, mg/L (00660)	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, mg/L (00602)	Total nitrogen, water, unfiltered, mg/L (00600)
01-10-2012	**0930**	.11	.16	< .012	< .004	< .0030	.0110	< .16	< .21
03-19-2012	**1600**	.62	10	.039	.0128	.0297	.973	1.2	11
05-31-2012	**1030**	< .30	< .30	.013	.00421	.0068	.0173	< .34	< .34
06-26-2012	**1000**	< .38	< .51	< .012	< .004	.0055	.0304	< .42	< .55
08-26-2012	**1030**	.71	1.0	< .012	< .004	.0166	.0729	< .76	< 1.1
09-18-2012	**1130**	.48	.56	.018	.00572	.0104	.0167	< .54	< .62

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 6 of 14

[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Escherichia coli, Defined Substrate Technology, water, MPN/100 mL (50468)	Total coliform, Defined Substrate Technology, water, MPN/100 mL (50569)	Cadmium, water, unfiltered, µg/L (01027)	Iron, water, filtered, µg/L (01046)	Manganese, water, filtered, µg/L (01056)	Arsenic, water, unfiltered, µg/L (01002)	Selenium, water, unfiltered, µg/L (01147)	1,4-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34571)	Atrazine, water, unfiltered, recoverable, µg/L (39630)
01-10-2012	**0930**	--	--	< .016	6.74	35.1	1.71	.487	< .08	< .16
03-19-2012	**1600**	--	--	.481	49.8	81.5	6.94	.476	< .08	< .16
05-31-2012	**1030**	20	6,600	< .016	7.81	16.5	2.38	.222	< .08	< .16
06-26-2012	**1000**	10	10,000	< .016	5.04	16.1	3.85	.186	< .08	< .16
08-26-2012	**1030**	6,700	160,000	< .016	21.4	11.9	4.49	.304	< .08	< .16
09-18-2012	**1130**	8,800	130,000	< .016	16.1	4.42	3.62	.172	< .08	< .16

07230500 LITTLE RIVER NEAR TECUMSEH, OK—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 7 of 14

[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Bromacil, water, unfiltered, recoverable, µg/L (30234)	Camphor, water, unfiltered, recoverable, µg/L (62817)	Carbaryl, water, unfiltered, recoverable, µg/L (39750)	Carbazole, water, unfiltered, recoverable, µg/L (77571)	Chlorpyrifos, water, unfiltered, recoverable, µg/L (38932)	DEET, water, unfiltered, recoverable, µg/L (61947)	Diazinon, water, unfiltered, recoverable, µg/L (39570)	Dichlorvos, water, unfiltered, recoverable, µg/L (30218)	Metalaxyl, water, unfiltered, recoverable, µg/L (04254)
01-10-2012	0930	< .16	.024	< .06	< .020	< .12	.004	< .32	< .08	< .16
03-19-2012	1600	< .16	.031	< .06	< .020	< .12	.050	< .32	< .08	< .16
05-31-2012	1030	< .16	< .08	< .06	< .020	< .12	.020	< .32	< .08	< .16
06-26-2012	1000	< .16	.047	< .06	< .020	< .12	.028	< .32	< .08	< .16
08-26-2012	1030	< .16	< .08	< .06	< .020	< .12	E .062	< .32	< .08	< .16
09-18-2012	1130	< .16	< .08	< .06	< .020	< .12	< .04	< .32	< .08	< .16

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 8 of 14

[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Metolachlor, water, unfiltered, recoverable, µg/L (82612)	p-Cresol, water, unfiltered, recoverable, µg/L (77146)	Pentachlorophenol, water, unfiltered, recoverable, µg/L (39032)	Prometon, water, unfiltered, recoverable, µg/L (39056)	1-Methylnaphthalene, water, unfiltered, recoverable, µg/L (81696)	2,6-Dimethylnaphthalene, water, unfiltered, recoverable, µg/L (62805)	2-Methylnaphthalene, water, unfiltered, recoverable, µg/L (30194)	3,4-Dichlorophenyl isocyanate, water, unfiltered, recoverable, µg/L (63145)	3-beta-Coprostanol, water, unfiltered, recoverable, µg/L (62806)
01-10-2012	0930	< .04	< .08	< 1.60	< .16	< .04	< .04	< .04	< .32	< 1.6
03-19-2012	1600	.016	< .08	E .19	< .16	< .04	< .04	< .04	< .32	< 1.6
05-31-2012	1030	< .04	< .08	< 1.60	< .16	< .04	< .04	< .04	< .32	< 1.6
06-26-2012	1000	< .04	< .08	< 1.60	< .16	< .04	< .04	< .04	< .32	< 1.6
08-26-2012	1030	< .04	< .08	< 1.60	< .16	< .04	< .04	< .04	< .32	E .226
09-18-2012	1130	< .04	< .08	< 1.60	< .16	< .04	< .04	< .04	< .32	< 1.6

07230500 LITTLE RIVER NEAR TECUMSEH, OK—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
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[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	3-Methyl-1H-indole, water, unfiltered, recoverable, µg/L (62807)	3-tert-Butyl-4-hydroxyanisole, water, unfiltered, recoverable, µg/L (61702)	4-Cumylphenol, water, unfiltered, recoverable, µg/L (62808)	4-n-Octylphenol, water, unfiltered, recoverable, µg/L (62809)	4-Nonylphenol (sum of all isomers), water, unfiltered, recoverable, µg/L (62829)	4-Nonylphenol diethoxylate (sum of all isomers), water, unfiltered, recoverable, µg/L (61703)	4-Nonylphenol monoethoxylate (sum of all isomers), water, unfiltered, recoverable, µg/L (61704)	4-tert-Octylphenol diethoxylate, water, unfiltered, recoverable, µg/L (62486)	4-tert-Octylphenol monoethoxylate, water, unfiltered, recoverable, µg/L (62485)
01-10-2012	0930	< .04	< .16	< .04	< .02	< 1.6	< 1.60	< 1.6	< .20	< .60
03-19-2012	1600	< .04	< .16	< .04	< .02	E .21	< 1.60	< 1.6	< .20	< .60
05-31-2012	1030	< .04	< .16	< .04	< .02	< 1.6	< 1.60	< 1.6	< .20	< .60
06-26-2012	1000	< .04	< .16	< .04	< .02	< 1.6	< 1.60	< 1.6	< .20	< .60
08-26-2012	1030	< .04	< .16	< .04	< .02	< 1.6	E .50	< 1.6	< .20	< .60
09-18-2012	1130	< .04	< .16	< .04	< .02	< 1.6	< 1.60	< 1.6	< .20	< .60

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[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	4-tert-Octylphenol, water, unfiltered, recoverable, µg/L (62810)	5-Methyl-1H-benzotriazole, water, unfiltered, recoverable, µg/L (61944)	9,10-Anthraquinone, water, unfiltered, xxx (62813)	Acetophenone, water, unfiltered, recoverable, µg/L (62811)	Acetyl hexamethyl tetrahydronaphthalene, water, unfiltered, recoverable, µg/L (62812)	Anthracene, water, unfiltered, recoverable, µg/L (34220)	BDE congener 47, water, unfiltered, recoverable, µg/L (63147)	Benzo[a]pyrene, water, unfiltered, recoverable, µg/L (34247)	Benzophenone, water, unfiltered, recoverable, µg/L (62814)
01-10-2012	0930	< .4	< .32	< .04	< .4	< .04	< .02	< .04	< .02	< .08
03-19-2012	1600	< .4	< .32	< .04	< .4	< .04	< .02	< .04	< .02	.04
05-31-2012	1030	< .4	< .32	< .04	< .4	< .04	< .02	< .04	< .02	< .08
06-26-2012	1000	< .4	< .32	< .04	< .4	< .04	< .02	< .04	< .02	< .08
08-26-2012	1030	< .4	< .32	< .04	< .4	< .04	< .02	< .04	< .02	< .08
09-18-2012	1130	< .4	< .32	< .04	< .4	< .04	< .02	< .04	< .02	< .08

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[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	beta-Sitosterol, water, unfiltered, recoverable, µg/L (62815)	beta-Stigmastanol, water, unfiltered, recoverable, µg/L (61948)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, µg/L (39100)	Bisphenol A, water, unfiltered, recoverable, µg/L (62816)	Caffeine, water, unfiltered, recoverable, µg/L (81436)	Cholesterol, water, unfiltered, recoverable, µg/L (62818)	Cotinine, water, unfiltered, recoverable, µg/L (61945)	Diethyl phthalate, water, unfiltered, recoverable, µg/L (34336)	D-Limonene, water, unfiltered, recoverable, µg/L (62819)
01-10-2012	0930	< 4.8	< 3.4	< 2	< .04	< .08	< 1.6	< .08	< .4	< .16
03-19-2012	1600	E 2.36	E .67	< 2	.019	< .08	E .79	< .08	.12	< .16
05-31-2012	1030	E .93	< 3.4	< 2	< .04	< .08	E .51	< .08	< .4	< .16
06-26-2012	1000	< 4.8	< 3.4	< 2	< .04	< .08	E .44	< .08	< .4	< .16
08-26-2012	1030	E .95	< 3.4	< 2	< .04	< .08	E .86	< .08	< .4	< .16
09-18-2012	1130	< 4.8	< 3.4	< 2	.013	< .08	E .24	< .08	< .4	< .16

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[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Fluoranthene, water, unfiltered, recoverable, µg/L (34376)	Hexahydrohexamethyl cyclopentabenzopyran, water, unfiltered, recoverable, µg/L (62823)	Indole, water, unfiltered, recoverable, µg/L (62824)	Isoborneol, water, unfiltered, recoverable, µg/L (62825)	Isophorone, water, unfiltered, recoverable, µg/L (34408)	Isopropylbenzene, water, unfiltered, recoverable, µg/L (77223)	Isoquinoline, water, unfiltered, recoverable, µg/L (62826)	Menthol, water, unfiltered, recoverable, µg/L (62827)	Methyl salicylate, water, unfiltered, recoverable, µg/L (62828)
01-10-2012	0930	< .02	< .04	.004	< .090	.012	< .04	< .04	< .32	< .08
03-19-2012	1600	.009	< .04	.008	< .090	.019	< .04	< .04	< .32	< .08
05-31-2012	1030	< .02	< .04	< .04	< .090	< .050	< .04	< .04	< .32	< .08
06-26-2012	1000	< .02	< .04	< .04	< .090	< .050	< .04	< .04	< .32	< .08
08-26-2012	1030	< .02	< .04	.012	< .090	.025	< .04	< .04	< .32	< .08
09-18-2012	1130	< .02	< .04	.006	< .090	.016	< .04	< .04	< .32	< .08

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[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Naphthalene, water, unfiltered, recoverable, µg/L (34696)	Phenanthrene, water, unfiltered, recoverable, µg/L (34461)	Phenol, water, unfiltered, recoverable, µg/L (34694)	Pyrene, water, unfiltered, recoverable, µg/L (34469)	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)	Tribromomethane, water, unfiltered, recoverable, µg/L (32104)	Tributyl phosphate, water, unfiltered, recoverable, µg/L (62832)	Triclosan, water, unfiltered, recoverable, µg/L (61708)	Triethyl citrate, water, unfiltered, recoverable, µg/L (62833)
01-10-2012	0930	< .02	< .02	< .16	< .02	< .16	.020	< .064	< .32	< .04
03-19-2012	1600	.037	.014	< .16	.008	< .16	< .16	< .064	< .32	.038
05-31-2012	1030	< .02	< .02	< .16	< .02	< .16	< .16	< .064	< .32	< .04
06-26-2012	1000	< .02	< .02	< .16	< .02	< .16	.070	< .064	< .32	< .04
08-26-2012	1030	< .02	< .02	< .16	< .02	< .16	.042	< .064	< .32	< .04
09-18-2012	1130	< .02	< .02	< .16	< .02	< .16	.035	< .064	< .32	< .04

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[%, percent; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; SiO_2, silicon dioxide; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Trihalomethanes, water, unfiltered, minimum summation, micrograms per liter (90851)	Triphenyl phosphate, water, unfiltered, recoverable, µg/L (62834)	Tris(2-butoxyethyl) phosphate, water, unfiltered, recoverable, µg/L (62830)	Tris(2-chloroethyl) phosphate, water, unfiltered, recoverable, µg/L (62831)	Tris(dichloroisopropyl) phosphate, water, unfiltered, recoverable, µg/L (61707)
01-10-2012	0930	M	< .08	E .224	< .16	< .32
03-19-2012	1600	--	< .08	< .64	< .16	< .32
05-31-2012	1030	--	< .08	< .64	< .16	< .32
06-26-2012	1000	.1	< .08	< .64	< .16	< .32
08-26-2012	1030	M	< .08	< .64	< .16	< .32
09-18-2012	1130	M	< .08	< .64	< .16	< .32