Water-Data Report 2013

07288580 QUIVER RIVER NEAR SUNFLOWER, MS

Yazoo Basin
Big Sunflower Subbasin

LOCATION.--Lat 33°31′46″, long 90°26′19″ referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.7, T.19 N., R.2 W., Leflore County, MS, Hydrologic Unit 08030207.

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

[FNU, Formazin nephelometric units; LED, light-emitting diode; ft, feet; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	Discharge, instantaneous, ft^3/s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, monochrome near infrared LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Gage height, ft (00065)	Suspended sediment concentration, mg/L (80154)
10-04-2012	**1000**	2,260	3.4	6.3	151	17.8	84	21.62	118
10-31-2012	**0945**	36	6.9	7.6	230	13.6	37	9.43	44
12-06-2012	**0915**	4.5	11.6	8.5	505	14.7	87	9.46	46
01-08-2013	**1000**	345	11.2	7.0	130	5.6	140	10.48	188
02-14-2013	**1030**	1,600	8.8	7.0	97	10.0	320	16.45	502
03-06-2013	**0930**	212	10.4	7.2	114	8.6	310	10.08	366
04-02-2013	**1030**	1,870	7.5	7.0	106	15.2	360	17.36	493
05-01-2013	**1345**	195	6.0	7.2	106	20.4	200	10.01	218

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; mg/L, milligrams per liter; <, less than]

Date	Sample start time	Chemical oxygen demand, high level, water, unfiltered, milligrams per liter (00340)	Suspended solids, water, unfiltered, mg/L (00530)	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, field, mg/L as $CaCO_3$ (00410)	Chloride, water, filtered, mg/L (00940)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, unfiltered, mg/L as N (00610)	Nitrate plus nitrite, water, unfiltered, mg/L as N (00630)	Phosphorus, water, unfiltered, mg/L as P (00665)	Organic carbon, water, unfiltered, mg/L (00680)
10-04-2012	**1000**	22	85	35	14.4	0.83	0.070	1.64	0.300	11.0
10-31-2012	**0945**	30	33	73	13.8	.86	.100	.310	.170	13.0
12-06-2012	**0915**	93	65	113	65.7	.28	< .040	.820	.140	21.0
01-08-2013	**1000**	32	69	35	13.0	1.8	.130	.980	.440	14.0
02-14-2013	**1030**	10	292	35	5.0	2.1	.140	.550	.630	9.0
03-06-2013	**0930**	14	140	38	9.1	1.8	.120	.470	.580	8.0
04-02-2013	**1030**	14	440	18	5.2	2.4	.380	1.25	.620	8.0
05-01-2013	**1345**	10	108	26	12.2	1.5	.220	.890	.590	8.0