

**Table 4.** Summary statistics for selected properties and constituents associated with low-flow samples from sampling sites at Fort Leavenworth, Kansas, 1994–96

[ft<sup>3</sup>/s, cubic feet per second; μS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; μg/L, micrograms per liter; <, less than]

Property or constituent	06820464 Quarry Creek at Missouri River (fig. 2)				06820468 Unnamed tributary at Stimson Avenue (fig. 2)				06820472 Corral Creek at Fort Leavenworth (fig. 2)			
	Number of samples	Minimum	Maximum	Mean	Number of samples	Minimum	Maximum	Mean	Number of samples	Minimum	Maximum	Mean
Instantaneous low-flow discharge (ft <sup>3</sup> /s)	4	0.20	0.84	0.40	3	0.10	0.47	0.30	4	0.15	0.74	0.40
Specific conductance (μS/cm)	3	962	1,040	1,010	2	503	648	576	3	620	761	702
pH (standard units)	4	7.7	8.2	7.9	3	7.3	7.4	7.3	4	7.2	7.8	7.6
Chemical oxygen demand (mg/L)	4	<10	25	13 <sup>1</sup>	3	15	33	23	4	<10	44	23 <sup>1</sup>
Dissolved solids (mg/L)	4	622	702	669	3	298	564	433	4	382	472	432
Suspended solids (mg/L)	4	6	48	22	3	6	10	7	4	<1	92	38 <sup>1</sup>
Total ammonia plus organic nitrogen, as nitrogen (mg/L)	4	.30	.70	.45	3	.50	.60	.57	4	.20	2.5	1.3
Total nitrogen <sup>2</sup> (mg/L)	4	1.1	2.6	2.1	3	1.9	3.6	2.9	4	.44	2.6	1.5
Total phosphorus (mg/L)	4	.11	.32	.19	3	.20	.26	.23	4	.08	.36	.21
Dissolved phosphorus (mg/L)	3	.11	.33	.19	2	.23	.23	.23	3	.07	.17	.12
Total recoverable cadmium (μg/L)	4	<1.0	<1.0	.5 <sup>1</sup>	3	<1.0	<1.0	.5 <sup>1</sup>	4	<1.0	<1.0	.5 <sup>1</sup>
Total recoverable copper (μg/L)	4	1.0	3.0	2.0	3	1.0	4.0	2.0	4	1.0	5	3.0
Total recoverable iron (μg/L)	3	110	1,000	550	2	210	260	235	3	100	3,400	1,300
Total recoverable lead (μg/L)	4	<1.0	4.0	2.0 <sup>1</sup>	3	<1.0	1.0	.7 <sup>1</sup>	4	<1.0	8.0	5.0 <sup>1</sup>
Total recoverable manganese (μg/L)	3	180	380	260	2	190	200	200	3	60	570	290
Total recoverable zinc (μg/L)	4	<10	20	16 <sup>1</sup>	3	<10	<10	5.0 <sup>1</sup>	4	10	40	19 <sup>1</sup>
Total organic carbon (mg/L)	4	3.2	5.6	4.0	2	4.2	6.3	5.2	4	3.7	10	5.9

<sup>1</sup>The mean was calculated by making the nondetection value equal to one-half the analytical reporting level (<1.0⇒0.5).

<sup>2</sup>Total nitrogen was calculated by adding total nitrate plus nitrite as nitrogen and total ammonia plus organic nitrogen as nitrogen.