Table 15. Results of pH, organic-carbon, and particle-size analyses of sediment samples collected during installation of shallow ground-water monitoring wells in areas of recent residential and commercial development, Wichita, Kansas, 2000

[BLS, below land surface; mm, millimeters; <, less than; --, not applicable]

Monitoring-well index number (fig. 1)	Core-material sampling depth BLS (feet)	pH (standard units)	Organic carbon (percent)	Particle-size diameter (percent less than indicated particle size)								
				16 mm	8 mm	4 mm	2 mm	1 mm	0.5 mm	0.25 mm	0.125 mm	0.062 mm
1	14–19	7.4	<0.02	100	99.6	97.3	95.1	91.9	78.9	48.8	11.8	3.5
	30–32	7.5	<.02	100	96.7	91.9	86.1	78.3	61.5	15.3	2.5	1.0
2	15–17	7.5	<.02	100	100	99.9	99.5	98.7	92.7	38.8	5.2	.8
	35–36	7.3	<.02	100	99.3	88.9	58.7	34.1	19.4	8.7	2.3	1.1
3	12–14	7.3	<.02	--	100	99.8	99.5	98.7	95.3	65.4	11.7	1.9
	36–37	7.2	<.02	100	98.0	89.0	68.8	47.3	25.9	8.4	4.1	3.1
4	9–14	7.6	.33	100	99.6	99.4	98.9	98.1	96.9	94.3	82.7	74.1
	21–23	8.2	.50	--	100	98.7	95.6	91.0	83.8	68.2	54.2	48.7
5	13–14	7.3	.04	--	--	100	98.8	96.4	86.5	41.5	15.1	7.2
	35–36	7.7	<.02	100	97.9	90.8	76.1	53.8	25.3	8.5	3.3	1.3
6	3	8.1	.17	--	100	98.0	91.3	89.0	85.6	75.3	58.7	48.0
	11–12	8.0	<.02	--	--	100	99.9	98.9	92.7	65.9	26.4	5.5
7	16–17	7.5	<.02	100	93.0	89.3	85.9	80.4	70.7	55.4	25.6	6.9
	30–32	7.6	<.02	100	99.6	95.3	85.1	72.8	55.0	24.1	4.0	1.5
8	9–12	8.1	.08	--	--	100	99.5	97.6	86.9	62.5	38.9	23.7
	30–32	7.2	<.02	--	100	98.8	90.8	81.3	66.7	39.1	26.6	22.6
9	21–23	7.6	.09	100	99.6	99.1	97.8	95.7	90.8	79.1	66.8	57.1
	41–43	7.1	<.02	100	99.0	85.8	70.2	52.1	33.7	19.5	10.8	8.4
10	11–14	7.4	.06		100	99.5	98.0	95.3	92.8	87.0	80.2	74.3
	24–25	7.1	<.02	100	94.1	89.8	82.7	68.7	42.0	16.9	10.2	5.7
11	15–16	6.9	<.02	--	100	99.9	99.8	99.3	94.7	44.5	5.0	.9
	26–27	7.2	<.02	100	98.2	88.6	69.7	48.4	24.3	11.5	4.4	1.9
12	14–16	7.4	.03	--	100	98.3	93.7	85.5	78.0	64.6	51.9	43.1
	41–43	7.6	<.02	--	100	98.8	94.7	85.6	60.1	11.9	2.1	.5
13	10–13	7.8	.08	--	100	99.4	98.2	93.5	80.1	59.9	46.3	38.7
	30–32	7.8	<.02	100	98.3	90.0	72.4	51.9	23.2	7.8	3.2	1.6
14	13–14	8.2	.07	--	--	100	99.8	99.1	92.4	70.4	44.7	29.9
	44–46	8.1	.04	100	99.7	88.5	65.1	45.7	28.4	12.2	4.7	3.2
15	16–18	8.2	.02	--	100	99.2	97.4	94.4	90.8	81.6	56.5	30.2
	39–40	7.5	<.02	100	99.2	92.8	81.6	64.1	37.8	13.4	3.7	2.1
16	13–15	8.2	.12	100	100	99.6	96.7	87.6	76.3	62.8	48.7	40.3
	38–39	8.1	<.02	--	100	98.7	92.5	81.3	58.0	20.9	5.0	2.9
17	8–9	6.8	.30	--	100	99.9	98.5	95.7	92.9	91.3	89.7	84.1
	24–25	8.0	.08	100	95.9	89.6	80.3	68.2	42.3	18.7	10.1	7.1
18	16–17	8.4	.18	100	95.4	83.1	75.8	72.4	69.7	67.1	62.4	47.4
	35–38	7.4	<.02	100	99.3	91.5	77.8	58.4	36.6	7.2	.7	.2
19	10	7.8	.10	100	97.5	95.5	92.1	87.1	78.8	67.0	44.7	20.7
	23–25	8.1	<.02	100	97.0	86.1	65.5	43.9	25.8	11.6	6.2	4.1

Table 15. Results of pH, organic-carbon, and particle-size analyses of sediment samples collected during installation of shallow ground-water monitoring wells in areas of recent residential and commercial development, Wichita, Kansas, 2000—Continued

Monitoring-well index number (fig. 1)	Core-material sampling depth BLS (feet)	pH (standard units)	Organic carbon (percent)	Particle-size diameter (percent less than indicated particle size)								
				16 mm	8 mm	4 mm	2 mm	1 mm	0.5 mm	0.25 mm	0.125 mm	0.062 mm
20	8–9	8.1	0.05	--	100	99.3	98.1	95.3	89.5	67.6	39.6	23.2
	30–32	8.3	.03	100	98.3	89.0	68.9	49.5	29.2	12.7	3.3	1.3
21	7–9	7.3	<.02	--	--	--	100	99.7	98.9	80.6	27.1	6.8
	24–26	7.4	.05	100	99.4	95.2	82.9	67.0	45.6	20.2	4.1	1.1
22	9	7.6	.09	100	99.6	98.5	97.6	96.9	95.3	80.7	42.6	23.9
	22–23	8.4	.10	100	98.7	87.9	72.1	60.3	43.2	15.4	4.7	3.4
23	6–8	8.0	<.02	--	100	100	99.9	99.6	97.6	66.3	16.4	6.0
	17–18	8.1	.08	--	100	98.7	95.2	87.1	51.7	7.8	2.4	.9
24	5–7	8.0	.10	100	99.0	98.0	94.7	88.4	57.7	11.2	2.4	1.0
	16–18	8.2	<.02	100	96.4	88.2	77.1	58.7	34.0	8.3	2.0	1.1
25	5–6	7.8	.16	--	--	--	100	99.8	99.3	98.5	86.4	32.3
	15–16	8.0	.03	100	97.3	89.6	70.6	51.4	30.8	9.3	2.1	.8
26	6–8	8.3	.18	--	--	100	99.7	99.5	99.3	99.1	98.5	84.5
	24–25	8.2	<.02	100	97.3	90.2	77.6	65.7	50.3	17.4	1.3	.5
27	5–6	8.0	<.02	--	100	99.5	98.8	95.5	83.8	51.9	8.9	1.2
	15–16	8.2	.05	100	97.5	91.1	77.6	51.0	19.3	5.9	1.5	.5
28	5–6	7.1	<.02	100	99.1	94.0	82.7	66.0	49.0	7.6	1.0	.3
	15–16	8.0	.04	100	95.2	88.9	76.3	59.9	35.1	10.6	3.9	1.8
29	6–8	7.0	<.02	--	--	100	99.9	99.1	93.0	35.4	2.0	.3
	22–23	7.2	<.02	100	97.3	94.7	88.9	79.9	64.7	14.7	2.3	.9
30	6–9	6.8	.09	100	98.2	92.2	86.8	83.2	79.1	70.4	26.0	10.7
	23–26	7.3	.02	100	95.2	88.4	76.9	63.7	45.6	16.4	4.2	.6