Table 27. Miscellaneous onsite determinations in samples from wells in the Iowa River alluvial aquifer, 1996

[µS/cm, microsiemens per centimeter at 25 degrees Celsius; °C, degrees Celsius; mg/L, milligrams per liter; %, percent]

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Tur-bidity	Specific conduct-ance (µS/cm)	pH (standard units)	Water temper-ature (°C)	Oxygen, dissolved (mg/L)	Dissolved oxygen saturation (%)	Alkalinity (mg/L as $CaCO_3$)	Bi-carbonate concen-tration (mg/L as HCO_3)	Carbonate concen-tration (mg/L as CO_3)
1	415211092164101	07-23-96	1200	regular	--	1,280	7.0	12.0	0.1	1	236	288	0
2	415211092164102	07-23-96	1100	do.	--	890	6.7	12.0	.1	1	232	283	0
3	414816092053401	07-31-96	1320	do.	12	444	7.1	11.0	.1	1	184	225	0
4	414816092053402	07-31-96	1140	do.	2.0	414	6.4	12.0	.3	2	134	164	0
5	414816092053403	07-31-96	1030	do.	3.0	401	6.4	12.5	.1	1	181	221	0
6	414818092055401	08-06-96	1010	do.	32	681	6.8	11.5	.1	0	274	334	0
7	414818092055402	08-06-96	0910	do.	6.0	480	6.3	12.0	.1	0	159	194	0
8	414818092055403	08-05-96	1015	do.	5.0	419	6.3	13.0	.1	1	132	161	0
9	414828092014201	08-14-96	1000	do.	11	705	6.8	11.0	.1	1	300	366	0
10	414900092073801	08-01-96	1200	do.	1.0	449	6.9	11.0	0	0	186	227	0
11	414907092083001	07-30-96	1540	do.	8.0	483	7.1	11.5	.1	1	212	259	0
12	414907092083004	07-30-96	1245	do.	22	385	6.0	17.0	.3	3	103	1,130	0
13	414907092083003	07-30-96	1410	do.	110	457	6.9	14.0	.2	2	195	238	0
14	414930092093801	08-01-96	0920	do.	2.0	475	7.0	11.0	.1	1	163	199	0
15	415020092094001	07-25-96	1130	do.	8.0	554	6.9	12.5	7.7	74	166	233	0
16	415020092094003	07-29-96	0930	do.	71	767	6.7	14.0	.5	5	247	301	0
17	415020092094004	07-25-96	1010	do.	120	447	6.3	14.0	.6	6	184	225	0
18	415020092094010	07-29-96	1110	do.	7.0	694	7.1	11.0	2.9	27	308	376	0
19	415039092164001	08-13-96	0940	do.	0	642	6.7	11.0	1.1	10	292	356	0
20	415045092145601	08-08-96	0930	do.	0	589	7.0	11.0	6.5	60	190	232	0
21	415052092120301	08-07-96	0930	do.	4.0	668	6.8	10.5	.1	1	239	292	0
22	415105092132501	08-07-96	1110	do.	2.0	562	7.0	11.0	0	0	188	229	0
23	415105092135201	08-08-96	1140	do.	3.0	451	7.2	10.5	.1	1	153	187	0

Table 28. Nutrient concentrations in samples from wells in the Iowa River alluvial aquifer, 1996

[mg/L, milligrams per liter; <, less than]

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Nitrogen ammonia, dissolved (mg/L)	Nitrogen, nitrite, dissolved (mg/L)	Nitrogen ammonia plus organic, dissolved (mg/L)	Nitrite plus nitrate (mg/L)	Phosphorus, total (mg/L)	Orthophosphorus total as P (mg/L)	Dissolved organic carbon (mg/L)
1	415211092164101	07-23-96	1200	regular	0.23	0.02	0.20	0.06	0.12	0.04	1.2
2	415211092164102	07-23-96	1100	do.	.09	<.01	<.20	.06	.12	.16	2.1
3	414816092053401	07-31-96	1320	do.	.29	<.01	.30	.11	.02	.05	2.3
4	414816092053402	07-31-96	1140	do.	.02	.03	<.20	3.1	.04	.05	2.2
5	414816092053403	07-31-96	1030	do.	.04	.02	<.20	.21	.02	.05	2.5
6	414818092055401	08-06-96	1010	do.	.07	.02	<.20	<.05	.08	.08	.7
			1015	replicate	.10	.02	<.20	<.05	<.01	.01	1.0
7	414818092055402	08-06-96	0910	regular	.06	.02	<.20	.06	.05	.02	.9
8	414818092055403	08-05-96	1015	do.	.05	.01	<.20	.11	<.01	.01	1.1
9	414828092014201	08-14-96	1000	do.	.13	.01	<.20	.05	.07	.06	1.2
10	414900092073801	08-01-96	1200	do.	.06	<.01	<.20	<.05	.11	.08	.8
			1205	replicate	.06	<.01	<.20	<.05	.03	.05	.8
11	414907092083001	07-30-96	1540	regular	.08	<.01	<.20	.09	.01	.08	1.2
12	414907092083004	07-30-96	1245	do.	.05	<.01	<.20	8.1	.13	.18	1.7
13	414907092083003	07-30-96	1410	do.	.05	<.01	<.20	.09	<.01	.01	1.5
14	414930092093801	08-01-96	0920	do.	.25	<.01	.30	.07	.05	.09	.9
15	415020092094001	07-25-96	1130	do.	.04	<.01	<.20	18	.08	.12	2.8
16	415020092094003	07-29-96	0930	do.	.04	.03	.30	10	.07	.10	3.2
17	415020092094004	07-25-96	1010	do.	.05	.03	<.20	1.7	.10	.16	670
18	415020092094010	07-29-96	1110	do.	.04	<.01	.20	6.7	.09	.11	.6
19	415039092164001	08-13-96	0940	do.	.03	.01	<.20	.32	.06	.09	1.6
			0945	replicate	.03	<.01	<.20	.32	.06	.09	1.5
20	415045092145601	08-08-96	0930	regular	.02	<.01	<.20	17	.11	.16	1.0
21	415052092120301	08-07-96	0910	blank	.02	<.01	<.20	.07	<.01	.01	.9
			0930	regular	.13	<.01	<.20	.06	.03	.02	1.5
22	415105092132501	08-07-96	1110	do.	.52	<.01	.60	.07	.30	.35	1.6
23	415105092135201	08-08-96	1140	do.	.02	<.01	<.20	.12	<.01	.04	.9

Table 29. Major ion concentrations in samples from wells in the Iowa River alluvial aquifer, 1996

[mg/L, milligrams per liter; µg/L, micrograms per liter; <, less than; --, missing data]

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Calcium (mg/L as Ca)	Magnesium (mg/L as Mg)	Sodium (mg/L as Na)	Potassium (mg/L as K)	Chloride (mg/L as Cl)	Sulfate (mg/L as SO_4)	Fluoride (mg/L as F)	Silica (mg/L as SiO_2)	Bromide (mg/L at Br)	Iron (µg/L as Fe)	Manganese (µg/L as Mn)
1	415211092164101	07-23-96	1200	regular	180	63	20	1.7	22	470	0.4	24	0.08	3,700	550
2	415211092164102	07-23-96	1100	do.	120	43	11	1.4	18	240	.7	17	.06	4	650
3	414816092053401	07-31-96	1320	do.	59	16	8.8	1.2	22	27	.2	23	.10	1,200	240
4	414816092053402	07-31-96	1140	do.	55	16	5.1	1.8	9.2	56	.2	14	.02	<3	2
5	414816092053403	07-31-96	1030	do.	62	15	3.4	.6	2.1	35	.3	13	<.01	4	18
6	414818092055401	08-06-96	1010	do.	95	28	7.9	1.7	9.0	89	.2	18	.06	4,900	800
			1015	replicate	97	28	8.1	1.7	9.6	90	.2	18	.08	5,000	830
7	414818092055402	08-06-96	0910	regular	61	20	5.7	1.0	9.0	72	.1	16	.04	5,500	940
8	414818092055403	08-05-96	1015	do.	52	18	5.6	.9	9.4	63	.1	17	.04	2,700	440
9	414828092014201	08-14-96	1000	do.	97	30	9.4	1.3	12	79	.2	19	.13	2,100	230
10	414900092073801	08-01-96	1200	do.	63	18	5.9	.8	4.7	49	.2	21	.03	1,700	410
			1205	replicate	63	18	5.8	.8	4.6	49	.2	21	.04	1,700	410
11	414907092083001	07-30-96	1540	regular	64	20	7.7	1.0	4.0	43	.2	21	.05	720	220
12	414907092083004	07-30-96	1245	do.	51	11	5.9	1.8	7.9	44	.2	11	.05	8	260
13	414907092083003	07-30-96	1410	do.	63	17	6.1	1.1	8.3	39	.2	17	.04	1,200	700
14	414930092093801	08-01-96	0920	do.	63	19	8.0	.5	10	73	.3	22	.04	1,500	430
			1130	do.	71	23	2.9	.8	24	20	.2	22	.06	14	<1
16	415020092094003	07-29-96	0930	do.	100	36	5.2	2.6	42	70	.2	14	.06	4	830
17	415020092094004	07-25-96	1010	do.	63	14	4.7	4.2	7.5	28	.1	16	.01	4	68
18	415020092094010	07-29-96	1110	do.	92	32	8.6	1.0	11	41	.2	23	.08	140	5
19	415039092164001	08-13-96	0940	do.	79	30	12	.4	22	21	.2	21	.07	<3	1
			0945	replicate	78	30	12	.7	22	21	.2	21	.07	<3	<1
20	415045092145601	08-08-96	0930	regular	75	23	8.8	1.3	15	34	.2	23	.05	<3	<1
21	415052092120301	08-07-96	0910	blank	1.5	.07	2.6	<.1	<.10	<.10	<.1	14	<.01	100	4
21	415052092120301	08-07-96	0930	regular	93	25	12	1.1	14	100	.2	17	.05	830	1,100
22	415105092132501	08-07-96	1110	do.	71	24	8.0	2.2	13	97	1.0	23	.04	2,100	220
23	415105092135201	08-08-96	1140	do.	54	21	6.7	1.1	13	67	.2	11	.04	<3	540

Table 30. Concentrations of radiochemicals and stable isotopes in samples from wells in the Iowa River alluvial aquifer, 1996

[pCi/L, picocuries per liter; --, no data]

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Tritium, total (pCi/L)	Tritium, precision estimate (pCi/L)	Radon-222, total (pCi/L)	Radon-222, precision estimate (pCi/L)	Oxygen 18/16 ratio	Hydrogen 2/1 ratio
1	415211092164101	07-23-96	1200	regular	55	3.0	140	17	-7.28	-46.8
2	415211092164102	07-23-96	1100	do.	43	3.0	490	23	-6.93	-46.7
3	414816092053401	07-31-96	1320	do.	40	3.0	280	20	-8.42	-53.9
4	414816092053402	07-31-96	1140	do.	26	2.0	250	20	-9.30	-59.3
5	414816092053403	07-31-96	1030	do.	34	2.0	350	22	-6.56	-43.2
6	414818092055401	08-06-96	1010	do.	79	5.0	290	20	-7.84	-49.8
7	414818092055402	08-06-96	0910	do.	66	5.0	270	20	-7.65	-48.7
8	414818092055403	08-05-96	1015	do.	54	3.0	410	24	-7.72	-50.2
9	414828092014201	08-14-96	1000	do.	85	5.0	450	23	-7.46	-48.3
10	414900092073801	08-01-96	1200	do.	86	5.0	230	19	-7.44	-46.3
11	414907092083001	07-30-96	1540	do.	110	6.0	520	26	-7.71	-49.5
12	414907092083004	07-30-96	1245	do.	33	2.0	480	26	-8.20	-51.8
13	414907092083003	07-30-96	1410	do.	52	3.0	200	21	-7.98	-51.8
14	414930092093801	08-01-96	0920	do.	78	5.0	600	25	-7.29	-46.7
15	415020092094001	07-25-96	1130	do.	37	3.0	300	20	-7.10	-45.3
16	415020092094003	07-29-96	0930	do.	31	2.0	190	19	-8.11	-51.6
17	415020092094004	07-25-96	1010	do.	30	2.0	220	19	-8.96	-58.8
18	415020092094010	07-29-96	1110	do.	56	3.0	430	24	-7.85	-49.4
19	415039092164001	08-13-96	0940	do.	43	3.0	150	18	-7.31	-48.2
20	415045092145601	08-08-96	0930	do.	55	4.0	400	23	-7.75	-49.1
21	415052092120301	08-07-96	0930	do.	49	3.0	270	20	-7.79	-50.0
22	415105092132501	08-07-96	1110	do.	62	4.0	--	--	-7.45	-47.4
23	415105092135201	08-08-96	1140	do.	36	3.0	160	18	-6.60	-42.9

Table 31. Selected dissolved pesticide concentrations in samples from wells in the Iowa River alluvial aquifer, 1996

[All concentrations are in micrograms per liter; <, less than indicated value; E, estimated]

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	2, 6-diethyl-aniline	Aceta-chlor	Ala-chlor	Atra-zine	Azin-phos-methyl	Ben-fluralin	Butylate	Carbaryl	Carbo-furan	Chlor-pyrifos	Cyan-azine
1	415211092164101	07-23-96	1200	regular	<0.003	<0.002	<0.002	<0.001	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004
2	415211092164102	07-23-96	1100	do.	<.003	<.002	<.002	.031	<.001	<.002	<.002	<.003	<.003	<.004	<.004
3	414816092053401	07-31-96	1320	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
4	414816092053402	07-31-96	1140	do.	<.003	<.002	<.002	.043	<.001	<.002	<.002	<.003	<.003	<.004	<.004
5	414816092053403	07-31-96	1030	do.	<.003	<.002	<.002	.034	<.001	<.002	<.002	<.003	<.003	<.004	<.004
6	414818092055401	08-06-96	1010	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
			1015	replicate	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
7	414818092055402	08-06-96	0910	regular	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
8	414818092055403	08-05-96	1015	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
9	414828092014201	08-14-96	1000	do.	.008	.014	<.002	.036	<.001	<.002	<.002	<.003	<.003	<.004	.021
10	414900092073801	08-01-96	1200	do.	.004	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
			1205	replicate	.004	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
11	414907092083001	07-30-96	1540	regular	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
12	414907092083004	07-30-96	1245	do.	<.003	<.002	<.002	.540	<.001	<.002	<.002	<.003	<.003	<.004	.017
13	414907092083003	07-30-96	1410	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
14	414930092093801	08-01-96	0920	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
15	415020092094001	07-25-96	1130	do.	<.003	<.002	<.002	.470	<.001	<.002	<.002	<.003	<.003	<.004	<.004
16	415020092094003	07-29-96	0930	do.	<.003	<.002	<.002	.008	<.001	<.002	<.002	<.003	<.003	<.004	<.004
17	415020092094004	07-25-96	1010	do.	<.003	.005	<.002	.048	<.001	<.002	<.002	<.003	<.003	<.004	.011
18	415020092094010	07-29-96	1110	do.	<.003	<.002	<.002	.033	<.001	<.002	<.002	<.003	<.003	<.004	<.004
19	415039092164001	08-13-96	0940	do.	<.003	<.002	<.002	.051	<.001	<.002	<.002	<.003	<.003	<.004	<.004
			0945	replicate	<.003	<.002	<.002	.047	<.001	<.002	<.002	<.003	<.003	<.004	<.004
20	415045092145601	08-08-96	0930	regular	<.003	<.002	<.002	.085	<.001	<.002	<.002	<.003	<.003	<.004	<.004
21	415052092120301	08-07-96	0910	blank	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
			0930	regular	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
22	415105092132501	08-07-96	1110	do.	E.004	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
23	415105092135201	08-08-96	1140	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004

Table 31. Selected dissolved pesticide concentrations in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Dacthal	Deethyl-atrazine	Dia-zinon	Dieldrin	Disul-foton	EPTC	Ethal-fluralin	Ethopro-phos	Fonofos	Lindane	Linuron
1	415211092164101	07-23-96	1200	regular	<0.002	<0.002	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
2	415211092164102	07-23-96	1100	do.	<.002	E.004	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
3	414816092053401	07-31-96	1320	do.	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
4	414816092053402	07-31-96	1140	do.	<.002	E.026	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
5	414816092053403	07-31-96	1030	do.	<.002	E.022	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
6	414818092055401	08-06-96	1010	do.	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
			1015	replicate	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
7	414818092055402	08-06-96	0910	regular	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
8	414818092055403	08-05-96	1015	do.	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
9	414828092014201	08-14-96	1000	do.	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10	414900092073801	08-01-96	1200	do.	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
			1205	replicate	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11	414907092083001	07-30-96	1540	regular	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12	414907092083004	07-30-96	1245	do.	<.002	E.190	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
13	414907092083003	07-30-96	1410	do.	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
14	414930092093801	08-01-96	0920	do.	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
15	415020092094001	07-25-96	1130	do.	<.002	E.210	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
16	415020092094003	07-29-96	0930	do.	<.002	E.008	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
17	415020092094004	07-25-96	1010	do.	<.002	E.016	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
18	415020092094010	07-29-96	1110	do.	<.002	E.009	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
19	415039092164001	08-13-96	0940	do.	<.002	E.023	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
			0945	replicate	<.002	E.025	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
20	415045092145601	08-08-96	0930	regular	<.002	E.170	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
21	415052092120301	08-07-96	0910	blank	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
			0930	regular	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
22	415105092132501	08-07-96	1110	do.	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
23	415105092135201	08-08-96	1140	do.	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 31. Selected dissolved pesticide concentrations in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Mala-thion	Metol-achlor	Metri-buzin	Molin-ate	Naprop-amide	Para-thion	Para-thion-methyl	Pebulate	Pendi-methalin	Phorate	Pro-meton
1	415211092164101	07-23-96	1200	regular	<0.005	<0.002	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	<0.018
2	415211092164102	07-23-96	1100	do.	<.005	E.003	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
3	414816092053401	07-31-96	1320	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
4	414816092053402	07-31-96	1140	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
5	414816092053403	07-31-96	1030	do.	<.005	.004	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
6	414818092055401	08-06-96	1010	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
			1015	replicate	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
7	414818092055402	08-06-96	0910	regular	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
8	414818092055403	08-05-96	1015	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
9	414828092014201	08-14-96	1000	do.	<.005	.03	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
10	414900092073801	08-01-96	1200	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
			1205	replicate	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
11	414907092083001	07-30-96	1540	regular	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
12	414907092083004	07-30-96	1245	do.	<.005	.01	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
13	414907092083003	07-30-96	1410	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
14	414930092093801	08-01-96	0920	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
15	415020092094001	07-25-96	1130	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
16	415020092094003	07-29-96	0930	do.	<.005	E.003	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
17	415020092094004	07-25-96	1010	do.	<.005	.17	.22	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
18	415020092094010	07-29-96	1110	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
19	415039092164001	08-13-96	0940	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
			0945	replicate	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
20	415045092145601	08-08-96	0930	regular	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
21	415052092120301	08-07-96	0910	blank	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
			0930	regular	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
22	415105092132501	08-07-96	1110	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
23	415105092135201	08-08-96	1140	do.	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018

Table 31. Selected dissolved pesticide concentrations in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Prop-achlor	Prop-anil	Prop-argite	Propy-zamide	Sim-azine	Tebu-thiuron	Terbacil	Ter-bufos	Thio-bencarb	Tri-allate	Tri-fluralin
1	415211092164101	07-23-96	1200	regular	<0.007	<0.004	<0.013	<0.003	<0.005	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
2	415211092164102	07-23-96	1100	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
3	414816092053401	07-31-96	1320	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
4	414816092053402	07-31-96	1140	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
5	414816092053403	07-31-96	1030	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
6	414818092055401	08-06-96	1010	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
			1015	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
7	414818092055402	08-06-96	0910	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
8	414818092055403	08-05-96	1015	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
9	414828092014201	08-14-96	1000	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10	414900092073801	08-01-96	1200	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
			1205	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11	414907092083001	07-30-96	1540	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12	414907092083004	07-30-96	1245	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
13	414907092083003	07-30-96	1410	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
14	414930092093801	08-01-96	0920	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
15	415020092094001	07-25-96	1130	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
16	415020092094003	07-29-96	0930	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
17	415020092094004	07-25-96	1010	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
18	415020092094010	07-29-96	1110	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
19	415039092164001	08-13-96	0940	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
			0945	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
20	415045092145601	08-08-96	0930	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
21	415052092120301	08-07-96	0910	blank	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
			0930	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
22	415105092132501	08-07-96	1110	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
23	415105092135201	08-08-96	1140	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002

Table 31. Selected dissolved pesticide concentrations in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	alpha-HCH	cis-Permethrin	p,p'-DDE
1	415211092164101	07-23-96	1200	regular	<0.002	<0.005	<0.006
2	415211092164102	07-23-96	1100	do.	<.002	<.005	<.006
3	414816092053401	07-31-96	1320	do.	<.002	<.005	<.006
4	414816092053402	07-31-96	1140	do.	<.002	<.005	<.006
5	414816092053403	07-31-96	1030	do.	<.002	<.005	<.006
6	414818092055401	08-06-96	1010	do.	<.002	<.005	<.006
			1015	replicate	<.002	<.005	<.006
7	414818092055402	08-06-96	0910	regular	<.002	<.005	<.006
8	414818092055403	08-05-96	1015	do.	<.002	<.005	<.006
9	414828092014201	08-14-96	1000	do.	<.002	<.005	<.006
10	414900092073801	08-01-96	1200	do.	<.002	<.005	<.006
			1205	replicate	<.002	<.005	<.006
11	414907092083001	07-30-96	1540	regular	<.002	<.005	<.006
12	414907092083004	07-30-96	1245	do.	<.002	<.005	<.006
13	414907092083003	07-30-96	1410	do.	<.002	<.005	<.006
14	414930092093801	08-01-96	0920	do.	<.002	<.005	<.006
15	415020092094001	07-25-96	1130	do.	<.002	<.005	<.006
16	415020092094003	07-29-96	0930	do.	<.002	<.005	<.006
17	415020092094004	07-25-96	1010	do.	<.002	<.005	<.006
18	415020092094010	07-29-96	1110	do.	<.002	<.005	<.006
19	415039092164001	08-13-96	0940	do.	<.002	<.005	<.006
			0945	replicate	<.002	<.005	<.006
20	415045092145601	08-08-96	0930	regular	<.002	<.005	<.006
21	415052092120301	08-07-96	0910	blank	<.002	<.005	<.006
			0930	regular	<.002	<.005	<.006
22	415105092132501	08-07-96	1110	do.	<.002	<.005	<.006
23	415105092135201	08-08-96	1140	do.	<.002	<.005	<.006

Table 32. Concentrations of selected dissolved pesticide surrogates in samples from wells in the Iowa River alluvial aquifer, 1996

[All concentrations are in micrograms per liter]

Map number (fig. 3)	Station identification	Diazinon (surrogate)	Terbuthyl-azine (surrogate)	alpha-HCH-d6 (surrogate)
1	415211092164101	104	107	88.9
2	415211092164102	104	106	94.2
3	414816092053401	95.6	110	92.9
4	414816092053402	103	109	103
5	414816092053403	109	112	104
6	414818092055401	106	109	90.7
		97.8	107	86.7
7	414818092055402	103	111	92.4
8	414818092055403	108	111	102
9	414828092014201	86.6	95.7	77.9
10	414900092073801	100	110	94.3
		95.9	105	90.5
11	414907092083001	102	114	101
12	414907092083004	109	111	107
13	414907092083003	105	113	99.1
14	414930092093801	105	113	90.6
15	415020092094001	99.8	106	97.4
16	415020092094003	110	103	97.1
17	415020092094004	105	107	99.3
18	415020092094010	102	103	93.2
19	415039092164001	106	112	101
		108	116	99.6
20	415045092145601	106	118	102
21	415052092120301	106	109	93.3
		100	109	95.5
22	415105092132501	93.5	105	87.9
23	415105092135201	111	117	103

Table 33. Concentrations of volatile organic compounds in samples from wells in the Iowa River alluvial aquifer, 1996

[All concentrations are in micrograms per liter. <, less than indicated value; E, estimate]

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	1, 1, 1, 2-Tetra-chloro-ethane	1, 1, 1-Trichloro-ethane	1, 1, 2, 2-Tetra-chloro-ethane	1, 1, 2-Trichloro-ethane	1, 1, 2-Trichloro-trifluoro-ethane	1, 1-Di-chloro-ethane	1, 1-Di-chloro-ethylene	1, 1-Di-chloro-propene	1, 2, 3, 4-Tetra-methyl-benzene
1	415211092164101	07-23-96	1159	regular	<0.05	<0.05	<0.1	<0.1	<0.05	<0.05	<0.1	<0.05	<0.05
2	415211092164102	07-23-96	1059	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
3	414816092053401	07-31-96	1319	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
4	414816092053402	07-31-96	1139	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
5	414816092053403	07-31-96	1029	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
6	414818092055401	08-06-96	1009	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
			1014	replicate	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
7	414818092055402	08-06-96	0909	regular	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
8	414818092055403	08-05-96	1014	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
9	414828092014201	08-14-96	0930	blank	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
			0935	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
			0940	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
			0959	regular	<.20	<.20	<.4	<.4	<.20	<.20	<.4	<.20	<.20
10	414900092073801	08-01-96	1159	do.	<.20	<.20	<.4	<.4	<.20	<.20	<.4	<.20	<.20
			1204	replicate	<.20	<.20	<.4	<.4	<.20	<.20	<.4	<.20	<.20
11	414907092083001	07-30-96	1539	regular	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
12	414907092083004	07-30-96	1244	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
13	414907092083003	07-30-96	1409	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
14	414930092093801	08-01-96	0919	do.	<.20	<.20	<.4	<.4	<.20	<.20	<.4	<.20	<.20
15	415020092094001	07-25-96	1129	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
16	415020092094003	07-29-96	0929	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
17	415020092094004	07-25-96	1009	do.	<.05	<.05	<.1	<.1	E.07	<.05	<.1	<.05	<.05
18	415020092094010	07-29-96	1109	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
19	415039092164001	08-13-96	0939	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
			0944	replicate	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
20	415045092145601	08-08-96	0929	regular	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
21	415052092120301	08-07-96	0909	blank	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
			0929	regular	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
22	415105092132501	08-07-96	1109	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05
23	415105092135201	08-08-96	1139	do.	<.05	<.05	<.1	<.1	<.05	<.05	<.1	<.05	<.05

Table 33. Concentrations of volatile organic compounds in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	1, 2, 3, 5-Tetra-methyl-benzene	1, 2, 3-Trichloro-benzene	1, 2, 3-Trichloro-propane	1, 2, 3-Trimethyl-benzene	1, 2, 4-Trichloro-benzene	1, 2, 4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1, 2-Dibromo-ethane	1,2-Dichloro-benzene
1	415211092164101	07-23-96	1159	regular	<0.05	<0.2	<0.2	<0.05	<0.2	<0.05	<0.5	<0.1	<0.05
2	415211092164102	07-23-96	1059	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
3	414816092053401	07-31-96	1319	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
4	414816092053402	07-31-96	1139	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
5	414816092053403	07-31-96	1029	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
6	414818092055401	08-06-96	1009	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
			1014	replicate	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
7	414818092055402	08-06-96	0909	regular	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
8	414818092055403	08-05-96	1014	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
9	414828092014201	08-14-96	0930	blank	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
			0935	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
			0940	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
			0959	regular	<.20	<.8	<.8	<.20	<.8	<.20	< 2.0	<.4	<.20
10	414900092073801	08-01-96	1159	do.	<.20	<.8	<.8	<.20	<.8	<.20	< 2.0	<.4	<.20
			1204	replicate	<.20	<.8	<.8	<.20	<.8	<.20	< 2.0	<.4	<.20
11	414907092083001	07-30-96	1539	regular	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
12	414907092083004	07-30-96	1244	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
13	414907092083003	07-30-96	1409	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
14	414930092093801	08-01-96	0919	do.	<.20	<.8	<.8	<.20	<.8	<.20	< 2.0	<.4	<.20
15	415020092094001	07-25-96	1129	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
16	415020092094003	07-29-96	0929	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
17	415020092094004	07-25-96	1009	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
18	415020092094010	07-29-96	1109	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
19	415039092164001	08-13-96	0939	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
			0944	replicate	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
20	415045092145601	08-08-96	0929	regular	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
21	415052092120301	08-07-96	0909	blank	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
			0929	regular	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
22	415105092132501	08-07-96	1109	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05
23	415105092135201	08-08-96	1139	do.	<.05	<.2	<.2	<.05	<.2	<.05	<.5	<.1	<.05

Table 33. Concentrations of volatile organic compounds in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	1, 2-Dichloro-ethane	1, 2-Dichloro-propane	1, 3, 5-Trimethyl-benzene	1, 3-Dichloro-benzene	1, 3-Dichloro-propane	1, 4-Bromofluoro-benzene (surrogate)	1,3-Dichloro-benzene	2, 2-Dichloro-propane	2-Butanone
1	415211092164101	07-23-96	1159	regular	<0.05	<0.05	<0.05	<0.05	<0.05	89	<0.05	<0.05	<5
2	415211092164102	07-23-96	1059	do.	<.05	<.05	<.05	<.05	<.05	88	<.05	<.05	<5
3	414816092053401	07-31-96	1319	do.	<.05	<.05	<.05	<.05	<.05	90	<.05	<.05	<5
4	414816092053402	07-31-96	1139	do.	<.05	<.05	<.05	<.05	<.05	82	<.05	<.05	<5
5	414816092053403	07-31-96	1029	do.	<.05	<.05	<.05	<.05	<.05	90	<.05	<.05	<5
6	414818092055401	08-06-96	1009	do.	<.05	<.05	<.05	<.05	<.05	77	<.05	<.05	<5
			1014	replicate	<.05	<.05	<.05	<.05	<.05	75	<.05	<.05	<5
7	414818092055402	08-06-96	0909	regular	<.05	<.05	<.05	<.05	<.05	75	<.05	<.05	<5
8	414818092055403	08-05-96	1014	do.	<.05	<.05	<.05	<.05	<.05	83	<.05	<.05	<5
9	414828092014201	08-14-96	0930	blank	<.05	<.05	<.05	<.05	<.05	79	<.05	<.05	<5
			0935	do.	<.05	<.05	<.05	<.05	<.05	77	<.05	<.05	<5
			0940	do.	<.05	<.05	<.05	<.05	<.05	76	<.05	<.05	<5
			0959	regular	<.20	<.20	<.20	<.20	<.20	69	<.20	<.20	<20
10	414900092073801	08-01-96	1159	do.	<.20	<.20	<.20	<.20	<.20	81	<.20	<.20	<20
			1204	replicate	<.20	<.20	<.20	<.20	<.20	79	<.20	<.20	<20
11	414907092083001	07-30-96	1539	regular	<.05	<.05	<.05	<.05	<.05	83	<.05	<.05	<5
12	414907092083004	07-30-96	1244	do.	<.05	<.05	<.05	<.05	<.05	83	<.05	<.05	<5
13	414907092083003	07-30-96	1409	do.	<.05	<.05	<.05	<.05	<.05	81	<.05	<.05	<5
14	414930092093801	08-01-96	0919	do.	<.20	<.20	<.20	<.20	<.20	80	<.20	<.20	<20
15	415020092094001	07-25-96	1129	do.	<.05	<.05	<.05	<.05	<.05	91	<.05	<.05	<5
16	415020092094003	07-29-96	0929	do.	<.05	<.05	<.05	<.05	<.05	91	<.05	<.05	<5
17	415020092094004	07-25-96	1009	do.	<.05	<.05	<.05	<.05	<.05	86	<.05	<.05	<5
18	415020092094010	07-29-96	1109	do.	<.05	<.05	<.05	<.05	<.05	89	<.05	<.05	<5
19	415039092164001	08-13-96	0939	do.	<.05	<.05	<.05	<.05	<.05	73	<.05	<.05	<5
			0944	replicate	<.05	<.05	<.05	<.05	<.05	71	<.05	<.05	<5
20	415045092145601	08-08-96	0929	regular	<.05	<.05	<.05	<.05	<.05	97	<.05	<.05	<5
21	415052092120301	08-07-96	0909	blank	<.05	<.05	<.05	<.05	<.05	75	<.05	<.05	<5
			0929	regular	<.05	<.05	<.05	<.05	<.05	71	<.05	<.05	<5
22	415105092132501	08-07-96	1109	do.	<.05	<.05	<.05	<.05	<.05	75	<.05	<.05	<5
23	415105092135201	08-08-96	1139	do.	<.05	<.05	<.05	<.05	<.05	99	<.05	<.05	<5

Table 33. Concentrations of volatile organic compounds in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	2-Chloro-toluene	2-Hexanone	3-Chloro-1-propene	4-Chloro-toluene	4-Isopropyl-1-methyl-benzene	4-Methyl-2-pentanone	Acetone	Acrylo-nitrile
1	415211092164101	07-23-96	1159	regular	<0.05	<5	<0.1	<.05	<.05	<5	<5	<2
2	415211092164102	07-23-96	1059	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
3	414816092053401	07-31-96	1319	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
4	414816092053402	07-31-96	1139	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
5	414816092053403	07-31-96	1029	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
6	414818092055401	08-06-96	1009	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
			1014	replicate	<.05	<5	<.1	<.05	<.05	<5	<5	<2
7	414818092055402	08-06-96	0909	regular	<.05	<5	<.1	<.05	<.05	<5	<5	<2
8	414818092055403	08-05-96	1014	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
9	414828092014201	08-14-96	0930	blank	<.05	<5	<.1	<.05	<.05	<5	<5	<2
			0935	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
			0940	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
			0959	regular	<.20	<20	<.4	<.20	<.20	<20	11	<8
10	414900092073801	08-01-96	1159	do.	<.20	<20	<.4	<.20	<.20	<20	<20	<8
			1204	replicate	<.20	<20	<.4	<.20	<.20	<20	<20	<8
11	414907092083001	07-30-96	1539	regular	<.05	<5	<.1	<.05	<.05	<5	<5	<2
12	414907092083004	07-30-96	1244	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
13	414907092083003	07-30-96	1409	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
14	414930092093801	08-01-96	0919	do.	<.20	<20	<.4	<.20	<.20	<20	<20	<8
15	415020092094001	07-25-96	1129	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
16	415020092094003	07-29-96	0929	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
17	415020092094004	07-25-96	1009	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
18	415020092094010	07-29-96	1109	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
19	415039092164001	08-13-96	0939	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
			0944	replicate	<.05	<5	<.1	<.05	<.05	<5	<5	<2
20	415045092145601	08-08-96	0929	regular	<.05	<5	<.1	<.05	<.05	<5	<5	<2
21	415052092120301	08-07-96	0909	blank	<.05	<5	<.1	<.05	<.05	<5	<5	<2
			0929	regular	<.05	<5	<.1	<.05	<.05	<5	<5	<2
22	415105092132501	08-07-96	1109	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2
23	415105092135201	08-08-96	1139	do.	<.05	<5	<.1	<.05	<.05	<5	<5	<2

Table 33. Concentrations of volatile organic compounds in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Benzene	Bromo-benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Butyl-benzene	Carbon disulfide	Chloro-benzene
1	415211092164101	07-23-96	1159	regular	<0.05	<0.05	<0.1	<0.1	<0.2	<0.1	<0.05	<0.05	<0.05
2	415211092164102	07-23-96	1059	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	<.05	<.05
3	414816092053401	07-31-96	1319	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	.23	<.05
4	414816092053402	07-31-96	1139	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	<.05	<.05
5	414816092053403	07-31-96	1029	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	.39	<.05
6	414818092055401	08-06-96	1009	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	1.4	<.05
			1014	replicate	<.05	<.05	<.1	<.1	<.2	<.1	<.05	5.3	<.05
7	414818092055402	08-06-96	0909	regular	<.05	<.05	<.1	<.1	<.2	<.1	<.05	6.2	<.05
8	414818092055403	08-05-96	1014	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	6.7	<.05
9	414828092014201	08-14-96	0930	blank	<.05	<.05	<.1	<.1	<.2	<.1	<.05	2.9	<.05
			0935	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	3.7	<.05
			0940	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	.11	<.05
			0959	regular	<.20	<.20	<.4	<.4	<.8	<.4	<.20	E2.9	<.20
10	414900092073801	08-01-96	1159	do.	<.20	<.20	<.4	<.4	<.8	<.4	<.20	3.0	<.20
			1204	replicate	<.20	<.20	<.4	<.4	<.8	<.4	<.20	.67	<.20
11	414907092083001	07-30-96	1539	regular	<.05	<.05	<.1	<.1	<.2	<.1	<.05	2.3	<.05
12	414907092083004	07-30-96	1244	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	E.07	<.05
13	414907092083003	07-30-96	1409	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	2.8	<.05
14	414930092093801	08-01-96	0919	do.	<.20	<.20	<.4	<.4	<.8	<.4	<.20	5.8	<.20
15	415020092094001	07-25-96	1129	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	<.05	<.05
16	415020092094003	07-29-96	0929	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	.83	<.05
17	415020092094004	07-25-96	1009	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	<.05	<.05
18	415020092094010	07-29-96	1109	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	3.4	<.05
19	415039092164001	08-13-96	0939	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	E7.3	<.05
			0944	replicate	<.05	<.05	<.1	<.1	<.2	<.1	<.05	E6.2	<.05
20	415045092145601	08-08-96	0929	regular	<.05	<.05	<.1	<.1	<.2	<.1	<.05	E4.4	<.05
21	415052092120301	08-07-96	0909	blank	<.05	<.05	<.1	<.1	<.2	<.1	<.05	E2.1	<.05
			0929	regular	<.05	<.05	<.1	<.1	<.2	<.1	<.05	E1.4	<.05
22	415105092132501	08-07-96	1109	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	E6.9	<.05
23	415105092135201	08-08-96	1139	do.	<.05	<.05	<.1	<.1	<.2	<.1	<.05	E1.5	<.05

Table 33. Concentrations of volatile organic compounds in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Chloro-ethane	Chloro-form	Chloro-methane	Dibromo-chloro-methane	Dibromo-methane	Dichloro-difluoro-methane	Dichloro-methane	Diethyl ether	Di-isopropyl ether
1	415211092164101	07-23-96	1159	regular	<0.1	<0.05	<0.28	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1
2	415211092164102	07-23-96	1059	do.	<.1	<.05	<.28	<.1	<.1	<.2	<.1	<.1	<.1
3	414816092053401	07-31-96	1319	do.	<.1	<.05	<.28	<.1	<.1	<.2	<.1	<.1	<.1
4	414816092053402	07-31-96	1139	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
5	414816092053403	07-31-96	1029	do.	<.1	<.05	<.28	<.1	<.1	<.2	<.1	<.1	<.1
6	414818092055401	08-06-96	1009	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
			1014	replicate	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
7	414818092055402	08-06-96	0909	regular	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
8	414818092055403	08-05-96	1014	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
9	414828092014201	08-14-96	0930	blank	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
			0935	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
			0940	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
			0959	regular	<.4	<.20	<.8	<.4	<.4	<.8	<1.9	<.4	<.4
10	414900092073801	08-01-96	1159	do.	<.4	<.20	<.8	<.4	<.4	<.8	E.25	<.4	<.4
			1204	replicate	<.4	<.20	<.8	<.4	<.4	<.8	<.4	E.29	<.4
11	414907092083001	07-30-96	1539	regular	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
12	414907092083004	07-30-96	1244	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
13	414907092083003	07-30-96	1409	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
14	414930092093801	08-01-96	0919	do.	<.4	<.20	<.8	<.4	<.4	<.8	E.27	<.4	<.4
15	415020092094001	07-25-96	1129	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
16	415020092094003	07-29-96	0929	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
17	415020092094004	07-25-96	1009	do.	<.1	<.05	<.3	<.1	<.1	<.2	<.1	<.1	<.1
18	415020092094010	07-29-96	1109	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
19	415039092164001	08-13-96	0939	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
			0944	replicate	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
20	415045092145601	08-08-96	0929	regular	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
21	415052092120301	08-07-96	0909	blank	<.1	E.07	<.2	<.1	<.1	<.2	E.11	<.1	<.1
			0929	regular	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
22	415105092132501	08-07-96	1109	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1
23	415105092135201	08-08-96	1139	do.	<.1	<.05	<.2	<.1	<.1	<.2	<.1	<.1	<.1

Table 33. Concentrations of volatile organic compounds in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Ethyl meth-acrylate	Ethyl tertbutyl ether	Ethyl-benzene	Hexa-chloro-butadiene	Hexa-chloro-ethane	Isopropyl-benzene	Methyl acrylate	Methyl acrylo-nitrile	Methyl iodide
1	415211092164101	07-23-96	1159	regular	<1	<0.1	<0.05	<0.2	<0.05	<0.05	<2	<2	<0.05
2	415211092164102	07-23-96	1059	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
3	414816092053401	07-31-96	1319	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
4	414816092053402	07-31-96	1139	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
5	414816092053403	07-31-96	1029	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
6	414818092055401	08-06-96	1009	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
			1014	replicate	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
7	414818092055402	08-06-96	0909	regular	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
8	414818092055403	08-05-96	1014	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
9	414828092014201	08-14-96	0930	blank	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
			0935	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
			0940	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
			0959	regular	<4	<.4	<.20	<.8	<.20	<.20	<8	<8	<.20
10	414900092073801	08-01-96	1159	do.	<4	<.4	<.20	<.8	<.20	<.20	<8	<8	<.20
			1204	replicate	<4	<.4	<.20	<.8	<.20	<.20	<8	<8	<.20
11	414907092083001	07-30-96	1539	regular	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
12	414907092083004	07-30-96	1244	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
13	414907092083003	07-30-96	1409	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
14	414930092093801	08-01-96	0919	do.	<4	<.4	<.20	<.8	<.20	<.20	<8	<8	<.20
15	415020092094001	07-25-96	1129	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
16	415020092094003	07-29-96	0929	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
17	415020092094004	07-25-96	1009	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
18	415020092094010	07-29-96	1109	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
19	415039092164001	08-13-96	0939	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
			0944	replicate	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
20	415045092145601	08-08-96	0929	regular	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
21	415052092120301	08-07-96	0909	blank	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
			0929	regular	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
22	415105092132501	08-07-96	1109	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05
23	415105092135201	08-08-96	1139	do.	<1	<.1	<.05	<.2	<.05	<.05	<2	<2	<.05

Table 33. Concentrations of volatile organic compounds in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Methyl meth-acrylate	Naph-thalene	Propyl-benzene	Styrene	Tetra-chloro-ethylene	Tetra-chloro-methane	Tetra-hydro-furan	Toluene	Trichloro-ethylene
1	415211092164101	07-23-96	1159	regular	<1	<0.2	<0.05	<0.05	<0.05	<0.05	<5	E0.07	<0.05
2	415211092164102	07-23-96	1059	do.	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
3	414816092053401	07-31-96	1319	do.	<1	<.2	<.05	<.05	E.07	<.05	<5	<.05	<.05
4	414816092053402	07-31-96	1139	do.	<1	<.2	<.05	<.05	E.03	<.05	<5	<.05	<.05
5	414816092053403	07-31-96	1029	do.	<1	<.2	<.05	<.05	.13	<.05	<5	E.06	<.05
6	414818092055401	08-06-96	1009	do.	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
			1014	replicate	<1	<.2	<.05	<.05	.10	<.05	<5	<.05	<.05
7	414818092055402	08-06-96	0909	regular	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
8	414818092055403	08-05-96	1014	do.	<1	<.2	<.05	<.05	E.05	<.05	<5	<.05	<.05
9	414828092014201	08-14-96	0930	blank	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
			0935	do.	<1	<.2	<.05	<.05	E.09	<.05	<5	<.05	<.05
			0940	do.	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
			0959	regular	<4	<.8	<.20	<.20	<.20	<.20	<20	<.20	<.20
10	414900092073801	08-01-96	1159	do.	<4	<.8	<.20	<.20	<.20	<.20	<20	<.20	<.20
			1204	replicate	<4	<.8	<.20	<.20	<.20	<.20	<20	<.20	<.20
11	414907092083001	07-30-96	1539	regular	<1	<.2	<.05	<.05	E.05	<.05	<5	<.05	<.05
12	414907092083004	07-30-96	1244	do.	<1	<.2	<.05	<.05	E.09	<.05	<5	E.05	<.05
13	414907092083003	07-30-96	1409	do.	<1	<.2	<.05	<.05	.12	<.05	<5	<.05	<.05
14	414930092093801	08-01-96	0919	do.	<4	<.8	<.20	<.20	<.20	<.20	<20	<.20	<.20
15	415020092094001	07-25-96	1129	do.	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
16	415020092094003	07-29-96	0929	do.	<1	<.2	<.05	<.05	E.07	<.05	<5	E.05	<.05
17	415020092094004	07-25-96	1009	do.	<1	<.2	<.05	<.05	E.05	<.05	<5	E.06	<.05
18	415020092094010	07-29-96	1109	do.	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
19	415039092164001	08-13-96	0939	do.	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
			0944	replicate	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
20	415045092145601	08-08-96	0929	regular	<1	<.2	<.05	<.05	E.26	<.05	<5	.11	<.05
21	415052092120301	08-07-96	0909	blank	<1	<.2	<.05	<.05	.14	<.05	<5	.10	<.05
			0929	regular	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
22	415105092132501	08-07-96	1109	do.	<1	<.2	<.05	<.05	<.05	<.05	<5	<.05	<.05
23	415105092135201	08-08-96	1139	do.	<1	<.2	<.05	<.05	E.09	<.05	<5	E.05	<.05

Table 33. Concentrations of volatile organic compounds in samples from wells in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Trichloro-fluoro-methane	Vinyl acetate	Vinyl bromide	Vinyl chloride	cis-1, 2-Dichloro-ethylene	cis-1, 3-Dichloro-propene	m- and p-xylene	o-ethyl toluene	o-xylene
1	415211092164101	07-23-96	1159	regular	<0.1	<5	<0.1	<0.1	<0.05	<0.1	<0.05	<0.05	<0.05
2	415211092164102	07-23-96	1059	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
3	414816092053401	07-31-96	1319	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
4	414816092053402	07-31-96	1139	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
5	414816092053403	07-31-96	1029	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
6	414818092055401	08-06-96	1009	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
			1014	replicate	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
7	414818092055402	08-06-96	0909	regular	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
8	414818092055403	08-05-96	1014	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
9	414828092014201	08-14-96	0930	blank	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
			0935	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
			0940	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
			0959	regular	<.4	<20	<.4	<.4	<.20	<.4	<.20	<.20	<.20
10	414900092073801	08-01-96	1159	do.	<.4	<20	<.4	<.4	<.20	<.4	<.20	<.20	<.20
			1204	replicate	<.4	<20	<.4	<.4	<.20	<.4	<.20	<.20	<.20
11	414907092083001	07-30-96	1539	regular	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
12	414907092083004	07-30-96	1244	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
13	414907092083003	07-30-96	1409	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
14	414930092093801	08-01-96	0919	do.	<.4	<20	<.4	<.4	<.20	<.4	<.20	<.20	<.20
15	415020092094001	07-25-96	1129	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
16	415020092094003	07-29-96	0929	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
17	415020092094004	07-25-96	1009	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
18	415020092094010	07-29-96	1109	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
19	415039092164001	08-13-96	0939	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
			0944	replicate	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
20	415045092145601	08-08-96	0929	regular	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
21	415052092120301	08-07-96	0909	blank	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
			0929	regular	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
22	415105092132501	08-07-96	1109	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05
23	415105092135201	08-08-96	1139	do.	<.1	<5	<.1	<.1	<.05	<.1	<.05	<.05	<.05

Table 33. Concentrations of volatile organic compounds in samples from well in the Iowa River alluvial aquifer, 1996—Continued

Map number (fig. 3)	Station identification	Date (month-day-year)	Time (24-hour)	Type of sample	Sec-Butyl-benzene	tert-butyl methyl ether	tert-butyl-benzene	tert-pentyl methyl ether	trans-1,2-Dichloro-ethylene	trans-1,3-Dichloro-propene	trans-1,4-Dichloro-2-butene	1, 2-Di-chloro-ethane-d4 (surrogate)	Toluene-d8 (surrogate)
1	415211092164101	07-23-96	1159	regular	<0.05	<0.1	<0.05	<0.1	<0.05	<0.1	<5	110	96
2	415211092164102	07-23-96	1059	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	107	99
3	414816092053401	07-31-96	1319	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	102	95
4	414816092053402	07-31-96	1139	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	104	99
5	414816092053403	07-31-96	1029	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	105	98
6	414818092055401	08-06-96	1009	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	106	89
			1014	replicate	<.05	<.1	<.05	<.1	<.05	<.1	<5	102	89
7	414818092055402	08-06-96	0909	regular	<.05	<.1	<.05	<.1	<.05	<.1	<5	106	90
8	414818092055403	08-05-96	1014	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	106	91
9	414828092014201	08-14-96	0930	blank	<.05	<.1	<.05	<.1	<.05	<.1	<5	104	92
			0935	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	103	93
			0940	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	102	91
			0959	regular	<.20	<.4	<.20	<.4	<.20	<.4	<2	112	97
10	414900092073801	08-01-96	1159	do.	<.20	<.4	<.20	<.4	<.20	<.4	<2	107	97
			1204	replicate	<.20	<.4	<.20	<.4	<.20	<.4	<2	102	98
11	414907092083001	07-30-96	1539	regular	<.05	<.1	<.05	<.1	<.05	<.1	<5	106	96
12	414907092083004	07-30-96	1244	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	107	100
13	414907092083003	07-30-96	1409	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	100	93
14	414930092093801	08-01-96	0919	do.	<.20	<.4	<.20	<.4	<.20	<.4	<2	109	97
15	415020092094001	07-25-96	1129	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	105	99
16	415020092094003	07-29-96	0929	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	109	100
17	415020092094004	07-25-96	1009	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	110	91
18	415020092094010	07-29-96	1109	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	108	100
19	415039092164001	08-13-96	0939	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	111	93
			0944	replicate	<.05	<.1	<.05	<.1	<.05	<.1	<5	108	94
20	415045092145601	08-08-96	0929	regular	<.05	<.1	<.05	<.1	<.05	<.1	<5	109	96
21	415052092120301	08-07-96	0909	blank	<.05	<.1	<.05	<.1	<.05	<.1	<5	112	92
			0929	regular	<.05	<.1	<.05	<.1	<.05	<.1	<5	107	94
22	415105092132501	08-07-96	1109	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	109	91
23	415105092135201	08-08-96	1139	do.	<.05	<.1	<.05	<.1	<.05	<.1	<5	109	96