

Table 26. Miscellaneous onsite determinations in samples from alluvial study-unit survey wells, 1998

[NTU, nephelometric turbidity units; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 °C; °C, degrees Celsius; mg/L, milligrams per liter; %, percent; --, data not collected. Numbers in parentheses () are U.S. Geological Survey Water Data Storage and Retrieval System parameter codes]

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Turbidity (NTU) (00076)	Specific conductance ($\mu\text{S}/\text{cm}$) (00095)	pH (standard units) (00400)	Water temperature (°C) (00010)	Oxygen, dissolved (mg/L) (00300)	Dissolved oxygen saturation (%) (00301)	Alkalinity (mg/L as CaCO_3) (39086)	Bicarbonate (mg/L as HCO_3) (00453)	Carbonate (mg/L as CO_3) (00452)
1	410513091430401	07-22-98	1000	--	489	6.7	14.0	5.0	78	178	217	0
2	410956091135601	06-24-98	0930	64	600	7.2	13.5	.9	9	255	311	0
3	411622091193401	06-24-98	1215	0	525	6.8	12.5	1.0	10	203	248	0
4	412136091270501	06-25-98	0900	9.0	592	6.6	13.0	--	--	308	376	0
5	412711091122401	06-15-98	0945	3.0	498	7.2	14.0	1.2	12	276	337	0
6	412748091285101	06-16-98	1130	30	627	6.5	16.0	1.2	13	331	404	0
7	412808091345001	06-17-98	0915	13	373	5.9	11.5	3.8	36	58	71	0
8	412831091205601	06-16-98	0900	0	418	6.6	--	7.4	--	157	192	0
9	412916091405101	06-17-98	1125	16	643	6.7	11.5	4.7	44	338	412	0
10	413338091045601	07-16-98	0930	3.0	576	7.0	14.0	2.7	26	171	209	0
11	413438091341201	06-10-98	0945	45	597	6.7	13.0	.9	9	305	372	0
12	413523092050501	06-22-98	1000	0	833	6.7	10.0	6.4	59	312	381	0
13	413634091484301	06-18-98	0915	21	879	7.3	--	1.6	--	423	516	0
14	413705091392701	06-11-98	1000	--	455	6.6	11.0	.9	--	132	161	0
15	414036090460001	06-23-98	1215	3.0	556	6.7	12.0	1.6	15	281	343	0
16	414430093220001	07-14-98	1230	7.0	721	6.9	11.5	.2	2	267	326	0
17	414914092024001	07-15-98	1045	--	1,150	6.8	14.5	2.0	20	402	491	0
18	414944090470901	07-09-98	1200	13	423	7.0	12.0	.1	1	214	261	0
19	415053093282401	07-14-98	0900	1.0	734	7.0	13.0	1.2	12	318	390	0
20	415057093304801	07-13-98	1115	10	680	7.1	11.5	.1	1	268	327	0
21	415139092190801	06-30-98	0910	0	562	6.5	12.5	1.0	10	234	286	0
22	415147092115301	06-30-98	1230	16	523	6.3	11.5	8.3	79	123	150	0
23	415637091581001	06-30-98	0915	18	752	7.1	11.0	.1	1	336	410	0
24	415859090563901	06-23-98	1215	42	567	6.8	11.5	1.7	16	224	273	0
25	421657092081801	07-06-98	1125	25	462	7.3	13.5	.1	1	295	360	0

Table 26. Miscellaneous onsite determinations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Turbidity (NTU) (00076)	Specific conductance (μ S/cm) (00095)	pH (standard units) (00400)	Water temperature ($^{\circ}$ C) (00010)	Oxygen, dissolved (mg/L) (00300)	Dissolved oxygen saturation (%) (00301)	Alkalinity (mg/L as CaCO ₃) (39086)	Bicarbonate (mg/L as HCO ₃) (00453)	Carbonate (mg/L as CO ₃) (00452)
26	422555092135201	07-01-98	1015	--	518	7.0	13.5	7.4	73	263	321	0
27	423208091562101	07-08-98	1115	--	331	6.6	12.0	2.4	23	129	157	0
28	423409092283001	07-07-98	0845	0	400	7.3	11.0	.1	1	228	278	0
29	423749092260801	07-07-98	1240	3.0	499	7.4	12.0	7.9	76	161	196	0
30	430255093083301	07-21-98	1330	0	630	7.0	11.0	2.1	20	335	409	0
31	430549092272301	07-21-98	0945	2.0	462	7.3	10.5	6.0	56	238	290	0
32	434556093003501	07-20-98	1145	34	492	7.3	9.5	.1	1	260	317	0

Table 27. Nutrient and dissolved organic carbon concentrations in samples from alluvial study-unit survey wells, 1998

[mg/L, milligrams per liter; <, less than detection limit indicated. Numbers in parentheses () are U.S. Geological Survey Water Data Storage and Retrieval System parameter codes]

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Nitrogen, ammonia, dissolved (mg/L as N) (00608)	Nitrogen, nitrite, dissolved (mg/L as N) (00613)	Nitrogen, ammonia plus organic, dissolved (mg/L as N) (00623)	Nitrite plus nitrate, dissolved (mg/L as N) (00631)	Phosphorus, total (mg/L) (00666)	Orthophos-phorus, total, (mg/L as P) (00671)	Dissolved organic carbon (mg/L) (00681)
1	410513091430401	07-22-98	1000	regular	0.02	<0.01	0.3	14	1.0	0.06	2.0
2	410956091135601	06-24-98	0930	do.	<.02	.01	2.5	<.05	.04	<.01	2.0
3	411622091193401	06-24-98	1215	do.	.18	.01	.1	<.05	.02	.01	1.8
4	412136091270501	06-25-98	0900	do.	1.4	<.01	1.6	.06	.17	.15	2.2
5	412711091122401	06-15-98	0945	do.	1.4	<.01	1.3	.21	.16	.19	1.0
			0950	replicate	1.3	<.01	1.3	<.05	.14	.13	1.1
6	412748091285101	06-16-98	1130	regular	3.4	<.01	3.5	<.05	.80	.34	3.0
7	412808091345001	06-17-98	0915	do.	.03	<.01	<.1	9.1	.02	.02	.8
8	412831091205601	06-16-98	0900	do.	.02	<.01	<.1	4.3	.08	.05	1.4
9	412916091405101	06-17-98	1125	do.	1.2	<.01	1.3	<.05	.47	.29	1.1
10	413338091045601	07-16-98	0930	do.	.04	.02	<.1	22	.07	.07	.7
11	413438091341201	06-10-98	0945	do.	.33	.01	.3	.08	<.01	.01	1.1
12	413523092050501	06-22-98	0940	blank	.04	<.01	<.1	.10	<.01	<.01	.4
			1000	regular	.06	.12	.1	9.1	.02	.03	1.5
13	413634091484301	06-18-98	0915	do.	.06	<.01	4.5	<.05	.05	.02	2.2
14	413705091392701	06-11-98	1000	do.	.05	.02	<.1	3.4	<.01	.02	1.2
15	414036090460001	06-23-98	1215	do.	6.3	.02	6.4	<.05	.93	.62	2.8
16	414430093220001	07-14-98	1230	do.	.24	<.01	.3	<.05	.03	.04	2.2
17	414914092024001	07-15-98	1045	do.	.07	.01	<.1	.96	.12	.04	.9
18	414944090470901	07-09-98	1140	blank	<.02	<.01	<.1	<.05	.01	.02	.4
			1200	regular	2.4	<.01	2.4	<.05	.32	.77	2.2
19	415053093282401	07-14-98	0900	do.	.59	.01	.6	2.2	.02	.03	1.3
20	415057093304801	07-13-98	1115	do.	.05	<.01	<.1	<.05	.11	.04	1.5
21	415139092190801	06-30-98	0910	do.	0.04	<.01	.1	2.0	.06	.06	1.4
			0915	replicate	.02	<.01	.2	2.0	.06	.07	1.7

Table 27. Nutrient and dissolved organic carbon concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Nitrogen, ammonia, dissolved (mg/L as N) (00608)	Nitrogen, nitrite, dissolved (mg/L as N) (00613)	Nitrogen, ammonia plus organic, dissolved (mg/L as N) (00623)	Nitrite plus nitrate, dissolved (mg/L as N) (00631)	Phosphorus, total (mg/L) (00666)	Orthophos-phorus, total, (mg/L as P) (00671)	Dissolved organic carbon (mg/L) (00681)
22	415147092115301	06-30-98	1230	regular	<0.02	0.02	1.0	18	0.15	0.16	5.8
23	415637091581001	06-30-98	0915	do.	<.02	.01	.2	2.8	<.01	<.01	3.3
24	415859090563901	06-23-98	1215	do.	.56	.01	.7	<.05	.04	.03	1.2
25	421657092081801	07-06-98	1125	do.	.56	<.01	.6	<.05	.05	.04	1.3
26	422555092135201	07-01-98	1015	do.	.04	<.01	<.1	5.2	.05	.04	1.2
27	423208091562101	07-08-98	1115	do.	.34	<.01	.5	.66	.03	.04	2.0
28	423409092283001	07-07-98	0845	do.	.12	<.01	<.1	<.05	.01	.02	.5
29	423749092260801	07-07-98	1240	do.	.04	<.01	<.1	15	.04	.05	.8
30	430255093083301	07-21-98	1330	do.	.82	<.01	.9	<.05	<.01	.01	4.9
31	430549092272301	07-21-98	0945	do.	.82	<.01	.9	<.05	.05	.02	3.6
32	434556093003501	07-20-98	1145	do.	.33	<.01	.4	<.05	.03	.03	.8

Table 28. Major ion concentrations in samples from alluvial study-unit survey wells, 1998

[mg/L, milligrams per liter; µg/L, micrograms per liter; <, less than detection limit indicated. Numbers in parentheses () are U.S. Geological Survey Water Data Storage and Retrieval System parameter codes]

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Calcium (mg/L as Ca) (00915)	Magnesium (mg/L as Mg) (00925)	Sodium (mg/L as Na) (00930)	Potassium (mg/L as K) (00935)	Chloride (mg/L as Cl) (00940)	Sulfate (mg/L as SO ₄) (00945)	Fluoride (mg/L as F) (00950)	Silica (mg/L as SiO ₂) (00955)	Bromide (mg/L as Br) (71870)	Iron (µg/L as Fe) (01046)	Manganese (µg/L as Mn) (01056)
1	410513091430401	07-22-98	1000	regular	66	15	12	2.5	5.5	28	0.1	13	<0.01	<10	<4
2	410956091135601	06-24-98	0930	do.	72	20	8.7	1.9	13	31	.1	17	.06	11,000	300
3	411622091193401	06-24-98	1215	do.	73	19	4.9	1.6	7.2	53	.1	12	.03	1,800	280
4	412136091270501	06-25-98	0900	do.	67	23	20	1.3	1.5	.80	.3	21	.03	3,900	150
5	412711091122401	06-15-98	0945	do.	60	19	16	1.4	.4	<.10	.2	18	.04	1,600	32
			0950	replicate	61	19	17	1.4	.4	<.10	.2	18	.02	1,600	32
6	412748091285101	06-16-98	1130	regular	80	22	13	1.6	.2	<.10	.2	28	.49	8,900	250
7	412808091345001	06-17-98	0915	do.	39	13	11	2.0	11	68	<.1	16	.04	31	<4
8	412831091205601	06-16-98	0900	do.	48	20	6.9	.49	3.3	28	.3	26	.07	<10	<4
9	412916091405101	06-17-98	1125	do.	81	28	19	2.1	.6	.27	.3	21	.02	3,100	62
10	413338091045601	07-16-98	0930	do.	71	18	7.8	10	15	39	.2	20	.07	<10	32
11	413438091341201	06-10-98	0945	do.	76	26	10	.76	3.2	28	.3	20	.06	3,200	220
12	413523092050501	06-22-98	0940	blank	.06	.01	<.10	<.10	<.1	<.10	<.1	<.10	<.01	<10	<4
			1000	regular	100	32	22	1.0	16	57	.3	22	.09	<10	<4
13	413634091484301	06-18-98	0915	do.	68	31	77	4.9	1.9	56	.3	17	.05	1,200	26
14	413705091392701	06-11-98	1000	do.	47	23	11	.45	23	35	.3	20	.05	<10	<4
15	414036090460001	06-23-98	1215	do.	63	22	7.8	1.1	1.3	<.10	.2	22	.02	6,700	70
16	414430093220001	07-14-98	1230	do.	100	32	6.4	1.1	19	96	.2	27	.12	2,000	470
17	414914092024001	07-15-98	1045	do.	110	49	53	.90	110	48	.3	26	.06	72	35
18	414944090470901	07-09-98	1140	blank	.10	.01	<.10	<.10	<.10	<.10	.1	.17	<.01	11	<4
			1200	regular	53	14	6.4	.91	9.7	6.9	.2	21	.06	9,700	250
19	415053093282401	07-14-98	0900	do.	99	31	16	2.5	8.8	66	.3	19	.07	160	35
20	415057093304801	07-13-98	1115	do.	98	29	5.1	.98	17	73	.3	26	.09	3,400	360

Table 28. Major ion concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Calcium (mg/L as Ca) (00915)	Mag-nesium (mg/L as Mg) (00925)	Sodium (mg/L as Na) (00930)	Potas-sium (mg/L as K) (00935)	Chloride (mg/L as Cl) (00940)	Sulfate (mg/L as SO ₄) (00945)	Fluoride (mg/L as F) (00950)	Silica (mg/L as SiO ₂) (00955)	Bromide (mg/L as Br) (71870)	Iron (μg/L as Fe) (01046)	Man-ganese (μg/L as Mn) (01056)
21	415139092190801	06-30-98	0910	regular	63	27	8.5	0.25	16	22	0.2	21	0.04	<10	<4
			0915	replicate	62	27	8.5	.27	16	22	.2	21	.04	<10	<4
22	415147092115301	06-30-98	1230	regular	60	16	16	2.4	23	36	.1	14	.03	<10	<4
23	415637091581001	06-30-98	0915	do.	86	25	36	2.0	7.9	110	.2	9.8	.05	<10	55
24	415859090563901	06-23-98	1215	do.	68	26	8.3	1.0	7.7	51	.2	15	.07	3,200	150
25	421657092081801	07-06-98	1125	do.	65	17	5.4	.95	.2	.77	.4	20	.02	2,900	350
26	422555092135201	07-01-98	1015	do.	77	18	4.6	1.4	8.4	20	<.1	18	.07	<10	<4
27	423208091562101	07-08-98	1115	do.	42	8.6	5.9	1.7	6.8	15	.2	18	.06	5,400	650
28	423409092283001	07-07-98	0845	do.	56	17	4.7	1.1	.7	6.6	.4	12	.03	150	140
29	423749092260801	07-07-98	1240	do.	66	15	5.9	3.0	9.9	19	<.1	19	.05	<10	<4
30	430255093083301	07-21-98	1330	do.	67	34	20	8.4	1.2	15	1.6	7.2	.02	170	13
31	430549092272301	07-21-98	0945	do.	64	18	9.9	1.4	.2	11	.4	12	.04	1,400	10
32	434556093003501	07-20-98	1145	do.	67	21	6.3	1.2	.4	8.6	.3	18	.03	1,500	64

Table 29. Concentrations and precision estimates of radiochemicals and stable isotopes in samples from alluvial study-unit survey wells, 1998

[pCi/L, picocuries per liter; <, less than detection limit indicated; --, data not collected. Numbers in parentheses () are U.S. Geological Survey Water Data Storage and Retrieval System parameter codes]

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Tritium, total (pCi/L) (07000)	Tritium, precision estimate (pCi/L) (75985)	Radon-222, total (pCi/L) (82303)	Radon-222, precision estimate (pCi/L) (76002)	Oxygen 18/16 ratio (82085)	Hydrogen 2/1 ratio (82082)
1	410513091430401	07-22-98	1000	regular	34	2.6	220	20	-7.33	-45.2
2	410956091135601	06-24-98	0930	do.	6.4	1.3	530	26	-7.23	-46.9
3	411622091193401	06-24-98	1215	do.	29	1.9	380	24	-7.10	-44.0
4	412136091270501	06-25-98	0900	do.	<1.0	1.0	690	190	-6.87	-42.8
5	412711091122401	06-15-98	0945	do.	<1.0	1.0	160	19	-6.69	-40.4
			0950	replicate	--	--	--	--	-6.73	-40.8
6	412748091285101	06-16-98	1130	regular	<1.0	1.0	180	19	-6.53	-42.7
7	412808091345001	06-17-98	0915	do.	38	2.6	220	21	--	--
8	412831091205601	06-16-98	0900	do.	38	2.6	2,100	43	-7.55	-47.4
9	412916091405101	06-17-98	1125	do.	<1.0	1.0	58	26	-6.62	-37.8
10	413338091045601	07-16-98	0930	do.	52	3.8	260	20	-7.27	-45.8
11	413438091341201	06-10-98	0945	do.	44	3.2	260	21	-7.82	-49.2
12	413523092050501	06-22-98	1000	do.	41	2.6	410	23	-7.08	-43.4
13	413634091484301	06-18-98	0915	do.	<1.0	1.0	500	25	-7.28	-44.7
14	413705091392701	06-11-98	1000	do.	60	3.8	280	20	-7.55	-44.4
15	414036090460001	06-23-98	1215	do.	15	1.3	370	25	-7.72	-48.9
16	414430093220001	07-14-98	1230	do.	26	1.9	260	22	-7.36	-46.3
17	414914092024001	07-15-98	1045	do.	45	3.2	200	21	-8.14	-53.7
18	414944090470901	07-09-98	1200	do.	17	1.6	260	20	-7.60	-48.6
19	415053093282401	07-14-98	0900	do.	27	1.9	280	22	-7.25	-44.3
20	415057093304801	07-13-98	1115	do.	26	1.9	230	20	-7.31	-46.0
21	415139092190801	06-30-98	0910	do.	42	3.2	1,000	33	-7.69	-47.6
22	415147092115301	06-30-98	1230	do.	33	2.6	370	23	-8.03	-52.0
23	415637091581001	06-30-98	0915	do.	34	2.6	53	17	-7.52	-47.5
24	415859090563901	06-23-98	1215	do.	40	2.6	320	24	-7.64	-47.4

Table 29. Concentrations and precision estimates of radiochemicals and stable isotopes in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Tritium, total (pCi/L) (07000)	Tritium, precision estimate (pCi/L) (75985)	Radon-222, total (pCi/L) (82303)	Radon-222, precision estimate (pCi/L) (76002)	Oxygen 18/16 ratio (82085)	Hydrogen 2/1 ratio (82082)
25	421657092081801	07-06-98	1125	regular	<1.0	1.0	200	19	-7.38	-45.7
26	422555092135201	07-01-98	1015	do.	35	2.6	620	26	-8.41	-55.4
27	423208091562101	07-08-98	1115	do.	43	3.2	350	24	-8.24	-52.2
28	423409092283001	07-07-98	0845	do.	1.0	1.0	330	26	-8.03	-50.3
29	423749092260801	07-07-98	1240	do.	41	2.6	560	30	-8.12	-53.2
30	430255093083301	07-21-98	1330	do.	2.6	1.0	480	24	-7.93	-50.9
31	430549092272301	07-21-98	0945	do.	<1.0	1.0	1,100	34	-7.63	-47.8
32	434556093003501	07-20-98	1145	do.	1.0	1.0	360	22	-8.97	-58.0

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998

[All concentrations are in micrograms per liter; <, less than detection limit indicated; E, estimated. Numbers in parentheses () are U.S. Geological Survey Water-Data Storage and Retrieval System parameter codes]

Map-index number (fig. 3)	Well identification	Date (month- day-year)	Time (24- hour)	Type of sample	2, 6- diethyl- aniline (82660)	Aceto- chlor (49260)	Alachlor (46342)	Atrazine (39632)	Azinphos- methyl (82686)	Ben- fluralin (82673)	Butylate (04028)	Carbaryl (82680)	Carbo- furan (82674)	Chlor- pyrifos (38933)
1	410513091430401	07-22-98	1000	regular	<0.003	<0.002	<0.002	0.169	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004
			1010	spike	<.003	.124	.126	.268	<.001	.070	<.002	E.581	E.232	<.004
2	410956091135601	06-24-98	0930	regular	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
3	411622091193401	06-24-98	1215	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
4	412136091270501	06-25-98	0900	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
5	412711091122401	06-15-98	0945	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
			0950	replicate	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
6	412748091285101	06-16-98	1130	regular	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
7	412808091345001	06-17-98	0915	do.	<.003	<.002	<.002	.264	<.001	<.002	<.002	<.003	<.003	<.004
8	412831091205601	06-16-98	0900	do.	<.003	<.002	<.002	.136	<.001	<.002	<.002	<.003	<.003	<.004
9	412916091405101	06-17-98	1125	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
10	413338091045601	07-16-98	0930	do.	<.003	<.002	<.002	.019	<.001	<.002	<.002	<.003	<.003	<.004
11	413438091341201	06-10-98	0945	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
12	413523092050501	06-22-98	0940	blank	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
			1000	regular	<.003	<.002	<.002	.008	<.001	<.002	<.002	<.003	<.003	<.004
13	413634091484301	06-18-98	0915	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
14	413705091392701	06-11-98	1000	do.	<.003	<.002	<.002	.006	<.001	<.002	<.002	<.003	<.003	<.004
15	414036090460001	06-23-98	1215	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
16	414430093220001	07-14-98	1230	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
17	414914092024001	07-15-98	1045	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
18	414944090470901	07-09-98	1140	blank	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
			1200	regular	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
19	415053093282401	07-14-98	0900	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
20	415057093304801	07-13-98	1115	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
21	415139092190801	06-30-98	0910	do.	<.003	<.002	<.002	E.002	<.001	<.002	<.002	<.003	<.003	<.004
			0915	replicate	<.003	<.002	<.002	E.001	<.001	<.002	<.002	<.003	<.003	<.004

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month- day-year)	Time (24- hour)	Type of sample	2, 6- diethyl- aniline (82660)	Aceto- chlor (49260)	Alachlor (46342)	Atrazine (39632)	Azinphos- methyl (82686)	Ben- fluralin (82673)	Butylate (04028)	Carbaryl (82680)	Carbo- furan (82674)	Chlor- pyrifos (38933)
22	415147092115301	06-30-98	1230	regular	<0.003	<0.002	<0.002	0.020	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004
23	415637091581001	06-30-98	0915	do.	E.0010	<.002	<.002	.042	<.001	<.002	<.002	<.003	<.003	<.004
24	415859090563901	06-23-98	1215	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
25	421657092081801	07-06-98	1125	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
26	422555092135201	07-01-98	1015	do.	<.003	<.002	<.002	.035	<.001	<.002	<.002	<.003	<.003	<.004
27	423208091562101	07-08-98	1115	do.	<.003	<.002	<.002	E.003	<.001	<.002	<.002	<.003	<.003	<.004
28	423409092283001	07-07-98	0845	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
29	423749092260801	07-07-98	1240	do.	<.003	<.002	<.002	.083	<.001	<.002	<.002	<.003	<.003	<.004
30	430255093083301	07-21-98	1330	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
31	430549092272301	07-21-98	0945	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004
32	434556093003501	07-20-98	1145	do.	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Cyan- azine (04041)	DCPA (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disul- foton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Ethopro- phos (82672)	Fonofos (04095)
1	410513091430401	07-22-98	1000	regular	<.004	<.002	E0.032	<.002	<.001	<.017	<.002	<.004	<.003	<.003
			1010	spike	.088	.076	E.059	<.002	.114	<.017	<.002	.045	.036	<.003
2	410956091135601	06-24-98	0930	regular	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
3	411622091193401	06-24-98	1215	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
4	412136091270501	06-25-98	0900	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
5	412711091122401	06-15-98	0945	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
			0950	replicate	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
6	412748091285101	06-16-98	1130	regular	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
7	412808091345001	06-17-98	0915	do.	<.004	<.002	E.161	<.002	<.001	<.017	<.002	<.004	<.003	<.003
8	412831091205601	06-16-98	0900	do.	<.004	<.002	E.098	<.002	<.001	<.017	<.002	<.004	<.003	<.003
9	412916091405101	06-17-98	1125	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
10	413338091045601	07-16-98	0930	do.	<.004	<.002	E.006	<.002	<.001	<.017	<.002	<.004	<.003	<.003
11	413438091341201	06-10-98	0945	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
12	413523092050501	06-22-98	0940	blank	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
			1000	regular	<.004	<.002	E.008	<.002	<.001	<.017	<.002	<.004	<.003	<.003
13	413634091484301	06-18-98	0915	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
14	413705091392701	06-11-98	1000	do.	<.004	<.002	E.006	<.002	<.001	<.017	<.002	<.004	<.003	<.003
15	414036090460001	06-23-98	1215	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
16	414430093220001	07-14-98	1230	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
17	414914092024001	07-15-98	1045	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
18	414944090470901	07-09-98	1140	blank	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
			1200	regular	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
19	415053093282401	07-14-98	0900	do.	<.004	<.002	E.006	<.002	<.001	<.017	<.002	<.004	<.003	<.003
20	415057093304801	07-13-98	1115	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
21	415139092190801	06-30-98	0910	do.	<.004	<.002	E.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
			0915	replicate	<.004	<.002	E.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
22	415147092115301	06-30-98	1230	regular	<.004	<.002	E.021	<.002	<.001	<.017	<.002	<.004	<.003	<.003
23	415637091581001	06-30-98	0915	do.	<.004	<.002	E.015	<.002	<.001	<.017	<.002	<.004	<.003	<.003
24	415859090563901	06-23-98	1215	do.	<.004	<.002	E.001	<.002	<.001	<.017	<.002	<.004	<.003	<.003

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Cyan- azine (04041)	DCPA (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disul- foton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Ethopro- phos (82672)	Fonofos (04095)
25	421657092081801	07-06-98	1125	regular	<0.004	<0.002	<0.002	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003
26	422555092135201	07-01-98	1015	do.	<.004	<.002	E.037	<.002	<.001	<.017	<.002	<.004	<.003	<.003
27	423208091562101	07-08-98	1115	do.	<.004	<.002	E.004	<.002	<.001	<.017	<.002	<.004	<.003	<.003
28	423409092283001	07-07-98	0845	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
29	423749092260801	07-07-98	1240	do.	<.004	<.002	E.092	<.002	<.001	<.017	<.002	<.004	<.003	<.003
30	430255093083301	07-21-98	1330	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
31	430549092272301	07-21-98	0945	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003
32	434556093003501	07-20-98	1145	do.	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month- day-year)	Time (24-hour)	Type of sample	Lindane (39341)	Linuron (82666)	Mala- thion (39532)	Metol- achlor (39415)	Metri- buzin (82630)	Molinate (82671)	Naprop- amide (82684)	Parathion (39542)	Para- thion- methyl (82667)	Pebulate (82669)
1	410513091430401	07-22-98	1000	regular	<0.004	<0.002	<0.005	0.010	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004
			1010	spike	.090	.168	<.005	.119	.040	<.004	.065	<.004	<.006	<.004
2	410956091135601	06-24-98	0930	regular	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
3	411622091193401	06-24-98	1215	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
4	412136091270501	06-25-98	0900	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
5	412711091122401	06-15-98	0945	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
			0950	replicate	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
6	412748091285101	06-16-98	1130	regular	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
7	412808091345001	06-17-98	0915	do.	<.004	<.002	<.005	.015	<.004	<.004	<.003	<.004	<.006	<.004
8	412831091205601	06-16-98	0900	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
9	412916091405101	06-17-98	1125	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
10	413338091045601	07-16-98	0930	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
11	413438091341201	06-10-98	0945	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
12	413523092050501	06-22-98	0940	blank	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
			1000	regular	<.004	<.002	<.005	E.003	<.004	<.004	<.003	<.004	<.006	<.004
13	413634091484301	06-18-98	0915	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
14	413705091392701	06-11-98	1000	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
15	414036090460001	06-23-98	1215	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
16	414430093220001	07-14-98	1230	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
17	414914092024001	07-15-98	1045	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
18	414944090470901	07-09-98	1140	blank	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
			1200	regular	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
19	415053093282401	07-14-98	0900	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
20	415057093304801	07-13-98	1115	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
21	415139092190801	06-30-98	0910	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
			0915	replicate	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
22	415147092115301	06-30-98	1230	regular	<.004	<.002	<.005	E.001	<.004	<.004	<.003	<.004	<.006	<.004
23	415637091581001	06-30-98	0915	do.	<.004	<.002	<.005	.008	<.004	<.004	<.003	<.004	<.006	<.004
24	415859090563901	06-23-98	1215	do.	<.004	<.002	<.005	E.002	<.004	<.004	<.003	<.004	<.006	<.004

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month- day-year)	Time (24-hour)	Type of sample	Lindane (39341)	Linuron (82666)	Mala- thion (39532)	Metol- achlor (39415)	Metri- buzin (82630)	Molinate (82671)	Naprop- amide (82684)	Parathion (39542)	Para- thion- methyl (82667)	Pebulate (82669)
25	421657092081801	07-06-98	1125	regular	<0.004	<0.002	<0.005	<0.002	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004
26	422555092135201	07-01-98	1015	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
27	423208091562101	07-08-98	1115	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
28	423409092283001	07-07-98	0845	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
29	423749092260801	07-07-98	1240	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
30	430255093083301	07-21-98	1330	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
31	430549092272301	07-21-98	0945	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004
32	434556093003501	07-20-98	1145	do.	<.004	<.002	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month- day-year)	Time (24-hour)	Type of sample	Pendi- methalin (82682)	Phorate (82664)	Prometon (04037)	Prop- achlor (04024)	Propanil (82679)	Prop- argite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)
1	410513091430401	07-22-98	1000	regular	<.004	<.002	0.135	<.007	<.004	<.013	<.003	<.005	<.010	<.007
			1010	spike	.086	<.002	.260	.113	.097	.113	.082	.086	.108	<.007
2	410956091135601	06-24-98	0930	regular	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
3	411622091193401	06-24-98	1215	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
4	412136091270501	06-25-98	0900	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
5	412711091122401	06-15-98	0945	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
			0950	replicate	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
6	412748091285101	06-16-98	1130	regular	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
7	412808091345001	06-17-98	0915	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	.011	<.007
8	412831091205601	06-16-98	0900	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
9	412916091405101	06-17-98	1125	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
10	413338091045601	07-16-98	0930	do.	<.004	<.002	.191	<.007	<.004	<.013	<.003	<.005	<.010	<.007
11	413438091341201	06-10-98	0945	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
12	413523092050501	06-22-98	0940	blank	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
			1000	regular	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
13	413634091484301	06-18-98	0915	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
14	413705091392701	06-11-98	1000	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
15	414036090460001	06-23-98	1215	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
16	414430093220001	07-14-98	1230	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
17	414914092024001	07-15-98	1045	do.	<.004	<.002	.110	<.007	<.004	<.013	<.003	<.005	<.010	<.007
18	414944090470901	07-09-98	1140	blank	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
			1200	regular	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
19	415053093282401	07-14-98	0900	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
20	415057093304801	07-13-98	1115	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
21	415139092190801	06-30-98	0910	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
			0915	replicate	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
22	415147092115301	06-30-98	1230	regular	<.004	<.002	.0201	<.007	<.004	<.013	<.003	<.005	<.010	<.007
23	415637091581001	06-30-98	0915	do.	<.004	<.002	.072	<.007	<.004	<.013	<.003	<.005	<.010	<.007
24	415859090563901	06-23-98	1215	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month- day-year)	Time (24-hour)	Type of sample	Pendi- methalin (82682)	Phorate (82664)	Prometon (04037)	Prop- achlor (04024)	Propanil (82679)	Prop- argite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)
25	421657092081801	07-06-98	1125	regular	<0.004	<0.002	<0.018	<0.007	<0.004	<0.013	<0.003	<0.005	<0.010	<0.007
26	422555092135201	07-01-98	1015	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	E.001	<.010	<.007
27	423208091562101	07-08-98	1115	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
28	423409092283001	07-07-98	0845	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
29	423749092260801	07-07-98	1240	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
30	430255093083301	07-21-98	1330	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
31	430549092272301	07-21-98	0945	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007
32	434556093003501	07-20-98	1145	do.	<.004	<.002	<.018	<.007	<.004	<.013	<.003	<.005	<.010	<.007

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month- day-year)	Time (24-hour)	Type of sample	Terbufos (82675)	Thiobencarb (82681)	Tri- allate (82678)	Trifluralin (82661)	alpha-HCH (34253)	cis-Per- methrin (82687)	p,p'-DDE (34653)
1	410513091430401	07-22-98	1000	regular	<.013	<0.002	<0.001	<0.002	<0.002	<0.005	<0.006
			1010	spike	<.013	.015	.044	.078	.079	.064	.058
2	410956091135601	06-24-98	0930	regular	<.013	<.002	<.001	<.002	<.002	<.005	<.006
3	411622091193401	06-24-98	1215	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
4	412136091270501	06-25-98	0900	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
5	412711091122401	06-15-98	0945	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
			0950	replicate	<.013	<.002	<.001	<.002	<.002	<.005	<.006
6	412748091285101	06-16-98	1130	regular	<.013	<.002	<.001	<.002	<.002	<.005	<.006
7	412808091345001	06-17-98	0915	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
8	412831091205601	06-16-98	0900	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
9	412916091405101	06-17-98	1125	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
10	413338091045601	07-16-98	0930	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
11	413438091341201	06-10-98	0945	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
12	413523092050501	06-22-98	0940	blank	<.013	<.002	<.001	<.002	<.002	<.005	<.006
			1000	regular	<.013	<.002	<.001	<.002	<.002	<.005	<.006
13	413634091484301	06-18-98	0915	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
14	413705091392701	06-11-98	1000	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
15	414036090460001	06-23-98	1215	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
16	414430093220001	07-14-98	1230	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
17	414914092024001	07-15-98	1045	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
18	414944090470901	07-09-98	1140	blank	<.013	<.002	<.001	<.002	<.002	<.005	<.006
			1200	regular	<.013	<.010	<.001	<.002	<.002	<.005	<.006
19	415053093282401	07-14-98	0900	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
20	415057093304801	07-13-98	1115	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
21	415139092190801	06-30-98	0910	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
			0915	replicate	<.013	<.002	<.001	<.002	<.002	<.005	<.006
22	415147092115301	06-30-98	1230	regular	<.013	<.002	<.001	<.002	<.002	<.005	<.006
23	415637091581001	06-30-98	0915	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
24	415859090563901	06-23-98	1215	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month- day-year)	Time (24-hour)	Type of sample	Terbufos (82675)	Thiobencarb (82681)	Tri- allate (82678)	Trifluralin (82661)	alpha-HCH (34253)	cis-Per- methrin (82687)	p,p'-DDE (34653)
25	421657092081801	07-06-98	1125	regular	<0.013	<0.002	<0.001	<0.002	<0.002	<0.005	<0.006
26	422555092135201	07-01-98	1015	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
27	423208091562101	07-08-98	1115	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
28	423409092283001	07-07-98	0845	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
29	423749092260801	07-07-98	1240	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
30	430255093083301	07-21-98	1330	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
31	430549092272301	07-21-98	0945	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006
32	434556093003501	07-20-98	1145	do.	<.013	<.002	<.001	<.002	<.002	<.005	<.006

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Carbaryl (49310)	Carbo- furan (49309)	3-Hydr- oxycarbo- furan (49308)	Chlor- amben (49307)	Chloro- thalonil (49306)	Clopy- ralid (49305)	Dacthal (49304)	Dicamba (38442)	Dichlo- benil (49303)	Dichlor- prop (49302)
1	410513091430401	07-22-98	1000	regular	<0.008	<0.120	0.070	<0.420	<0.480	<0.230	<0.017	<0.035	<1.20	<0.032
			1010	spike	<.690	<.080	.510	<.420	E.380	E.260	<.980	<.960	E.570	<.900
2	410956091135601	06-24-98	0930	regular	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
3	411622091193401	06-24-98	1215	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
4	412136091270501	06-25-98	0900	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
5	412711091122401	06-15-98	0945	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
			0950	replicate	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
6	412748091285101	06-16-98	1130	regular	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
7	412808091345001	06-17-98	0915	do.	<.008	<13.2	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
8	412831091205601	06-16-98	0900	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
9	412916091405101	06-17-98	1125	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
10	413338091045601	07-16-98	0930	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
11	413438091341201	06-10-98	0945	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
12	413523092050501	06-22-98	0940	blank	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
			1000	regular	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
13	413634091484301	06-18-98	0915	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
14	413705091392701	06-11-98	1000	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
15	414036090460001	06-23-98	1215	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
16	414430093220001	07-14-98	1230	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
17	414914092024001	07-15-98	1045	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
18	414944090470901	07-09-98	1140	blank	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
			1200	regular	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
19	415053093282401	07-14-98	0900	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
20	415057093304801	07-13-98	1115	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
21	415139092190801	06-30-98	0910	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
			0915	replicate	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
22	415147092115301	06-30-98	1230	regular	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
23	415637091581001	06-30-98	0915	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<0.032

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Carbaryl (49310)	Carbo- furan (49309)	3-Hydr- oxycarbo- furan (49308)	Chlor- amben (49307)	Chloro- thalonil (49306)	Clopy- ralid (49305)	Dacthal (49304)	Dicamba (38442)	Dichlo- benil (49303)	Dichlor- prop (49302)
24	415859090563901	06-23-98	1215	regular	<0.008	<0.120	<0.014	<0.420	<0.480	<0.230	<0.017	<0.035	<1.20	<0.032
25	421657092081801	07-06-98	1125	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
26	422555092135201	07-01-98	1015	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	.100
27	423208091562101	07-08-98	1115	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
28	423409092283001	07-07-98	0845	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
29	423749092260801	07-07-98	1240	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
30	430255093083301	07-21-98	1330	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
31	430549092272301	07-21-98	0945	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
32	434556093003501	07-20-98	1145	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Dinoseb (49301)	Diuron (49300)	DNOC (49299)	Fenuron (49297)	Fluometuron (38811)	Linuron (38478)	MCPA (38482)	MCPB (38487)	Methiocarb (38501)
1	410513091430401	07-22-98	1000	regular	<0.035	<0.020	<0.420	<0.013	<0.035	<0.018	<0.170	<0.140	<0.026
			1010	spike	<.035	<.710	<.420	<1.04	<.850	<.840	<.640	<.660	<.026
2	410956091135601	06-24-98	0930	regular	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
3	411622091193401	06-24-98	1215	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
4	412136091270501	06-25-98	0900	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
5	412711091122401	06-15-98	0945	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
			0950	replicate	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
6	412748091285101	06-16-98	1130	regular	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
7	412808091345001	06-17-98	0915	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
8	412831091205601	06-16-98	0900	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
9	412916091405101	06-17-98	1125	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
10	413338091045601	07-16-98	0930	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
11	413438091341201	06-10-98	0945	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
12	413523092050501	06-22-98	0940	blank	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
			1000	regular	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
13	413634091484301	06-18-98	0915	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
14	413705091392701	06-11-98	1000	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
15	414036090460001	06-23-98	1215	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
16	414430093220001	07-14-98	1230	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
17	414914092024001	07-15-98	1045	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
18	414944090470901	07-09-98	1140	blank	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
			1200	regular	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
19	415053093282401	07-14-98	0900	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
20	415057093304801	07-13-98	1115	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
21	415139092190801	06-30-98	0910	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
			0915	replicate	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
22	415147092115301	06-30-98	1230	regular	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
23	415637091581001	06-30-98	0915	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Dinoseb (49301)	Diuron (49300)	DNOC (49299)	Fenuron (49297)	Fluometuron (38811)	Linuron (38478)	MCPA (38482)	MCPB (38487)	Methiocarb (38501)
24	415859090563901	06-23-98	1215	regular	<0.035	<0.020	<0.420	<0.013	<0.035	<0.018	<0.170	<0.140	<0.026
25	421657092081801	07-06-98	1125	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
26	422555092135201	07-01-98	1015	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
27	423208091562101	07-08-98	1115	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
28	423409092283001	07-07-98	0845	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
29	423749092260801	07-07-98	1240	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
30	430255093083301	07-21-98	1330	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
31	430549092272301	07-21-98	0945	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026
32	434556093003501	07-20-98	1145	do.	<.035	<.020	<.420	<.013	<.035	<.018	<.170	<.140	<.026

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Methomyl (49296)	Neburon (49294)	Norflurazon (49293)	Oryzalin (49292)	Oxamyl (38866)	Picloram (49291)	Propham (49236)	Propoxur (38538)	Silvex (39762)	Triclopyr (49235)
1	410513091430401	07-22-98	1000	regular	<.017	<.015	<.024	<.910	<.018	<.050	<.035	<.035	<.021	<.250
			1010	spike	<.017	E.700	<.024	<1.25	<.620	<.550	<.230	<.870	<.840	<.840
2	410956091135601	06-24-98	0930	regular	<.017	<.015	<.024	<.670	<.018	<.050	<.035	<.035	<.021	<.250
3	411622091193401	06-24-98	1215	do.	<.017	<.015	<.024	<.540	<.018	<.050	<.035	<.035	<.021	<.250
4	412136091270501	06-25-98	0900	do.	<.017	<.015	<.024	<.970	<.018	<.050	<.035	<.035	<.021	<.250
5	412711091122401	06-15-98	0945	do.	<.017	<.015	<.024	<.570	<.018	<.050	<.035	<.035	<.021	<.250
			0950	replicate	<.017	<.015	<.024	<.630	<.018	<.050	<.035	<.035	<.021	<.250
6	412748091285101	06-16-98	1130	regular	<.017	<.015	<.150	<.910	<.018	<.050	<.035	<.035	<.021	<.250
7	412808091345001	06-17-98	0915	do.	<.017	<.015	<.024	<.530	<.210	<.050	<.035	<.035	<.021	<.250
8	412831091205601	06-16-98	0900	do.	<.017	<.015	<.024	<.590	<.018	<.050	<.035	<.035	<.021	<.250
9	412916091405101	06-17-98	1125	do.	<.017	<.015	<.024	<.770	<.018	<.050	<.035	<.035	<.021	<.250
10	413338091045601	07-16-98	0930	do.	<.017	<.015	<.024	<.520	<.018	<.050	<.035	<.035	<.021	<.250
11	413438091341201	06-10-98	0945	do.	<.017	<.015	<.024	<.590	<.018	.170	<.035	<.035	<.021	<.250
12	413523092050501	06-22-98	0940	blank	<.017	<.015	<.024	<.660	<.018	<.050	<.035	<.035	<.021	<.250
			1000	regular	<.017	<.015	<.024	<.700	<.018	<.050	<.035	<.035	<.021	<.250
13	413634091484301	06-18-98	0915	do.	<.017	<.015	<.024	<.800	<.018	<.050	<.035	<.035	<.021	<.250
14	413705091392701	06-11-98	1000	do.	<.017	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
15	414036090460001	06-23-98	1215	do.	<.017	<.015	<.024	<.870	<.018	<.050	<.035	<.035	<.021	<.250
16	414430093220001	07-14-98	1230	do.	<.017	<.015	<.024	<.710	<.018	<.050	<.035	<.035	<.021	<.250
17	414914092024001	07-15-98	1045	do.	<.017	<.015	<.024	<.760	<.018	<.050	<.035	<.035	<.021	<.250
18	414944090470901	07-09-98	1140	blank	<.017	<.015	<.024	<.780	<.018	<.050	<.035	<.035	<.021	<.250
			1200	regular	<.017	<.015	<.024	<1.06	<.018	<.050	<.035	<.035	<.021	<.250
19	415053093282401	07-14-98	0900	do.	<.017	<.015	<.024	<.630	<.018	<.050	<.035	<.035	<.021	<.250
20	415057093304801	07-13-98	1115	do.	<.017	<.015	<.024	<.730	<.018	<.050	<.035	<.035	<.021	<.250
21	415139092190801	06-30-98	0910	do.	<.017	<.015	<.024	<.600	<.018	<.050	<.035	<.035	<.021	<.250
			0915	replicate	<.017	<.015	<.024	<.490	<.018	<.050	<.035	<.035	<.021	<.250
22	415147092115301	06-30-98	1230	regular	<.017	<.015	<.024	<.680	<.018	<.050	<.035	<.035	<.021	<.250
23	415637091581001	06-30-98	0915	do.	<.017	<.015	<.024	<.630	<.018	<.050	<.035	<.035	<.021	<.250

Table 30. Selected dissolved pesticide concentrations in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Methomyl (49296)	Neburon (49294)	Norflurazon (49293)	Oryzalin (49292)	Oxamyl (38866)	Picloram (49291)	Propham (49236)	Propoxur (38538)	Silvex (39762)	Triclopyr (49235)
24	415859090563901	06-23-98	1215	regular	<0.017	<0.015	<0.024	<0.560	<0.018	<0.050	<0.035	<0.035	<0.021	<0.250
25	421657092081801	07-06-98	1125	do.	<.017	<.015	<.024	<.750	<.018	<.050	<.035	<.035	<.021	<.250
26	422555092135201	07-01-98	1015	do.	<.017	<.015	<.024	<.560	<.018	<.050	<.035	<.035	<.021	<.250
27	423208091562101	07-08-98	1115	do.	<.017	<.015	<.024	<.740	<.018	<.050	<.035	<.035	<.021	<.250
28	423409092283001	07-07-98	0845	do.	<.017	<.015	<.024	<.760	<.018	<.050	<.035	<.035	<.021	<.250
29	423749092260801	07-07-98	1240	do.	<.017	<.015	<.024	<.630	<.018	<.050	<.035	<.035	<.021	<.250
30	430255093083301	07-21-98	1330	do.	<.017	<.015	<.024	<.840	<.018	<.050	<.035	<.035	<.021	<.250
31	430549092272301	07-21-98	0945	do.	<.017	<.015	<.024	<.640	<.018	<.050	<.035	<.035	<.021	<.250
32	434556093003501	07-20-98	1145	do.	<.017	<.015	<.024	<.790	<.018	<.050	<.035	<.035	<.021	<.250

Table 31. Concentrations of selected dissolved pesticide surrogates in samples from alluvial study-unit survey wells, 1998
 [% , percent. Numbers in parentheses () are U.S. Geological Survey Water Data Storage and Retrieval System parameter codes]

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Diazinon, surrogate (% recovery) (91063)	Terbutyl-azine, surrogate (% recovery) (91064)	alpha-HCH-d6, surrogate (% recovery) (91065)	BDMC, surrogate (% recovery) (99835)
1	410513091430401	07-22-98	1000	regular	0	86.2	66.5	93.0
			1010	spike	0	91.6	70.1	82.0
2	410956091135601	06-24-98	0930	regular	93.2	103	74.0	88.0
3	411622091193401	06-24-98	1215	do.	98.7	110	99.1	79.0
4	412136091270501	06-25-98	0900	do.	101	108	77.1	88.0
5	412711091122401	06-15-98	0945	do.	94.6	95.4	90.0	74.0
			0950	replicate	96.3	100	87.7	82.0
6	412748091285101	06-16-98	1130	regular	93.9	100	86.3	84.0
7	412808091345001	06-17-98	0915	do.	99.1	100	89.4	92.0
8	412831091205601	06-16-98	0900	do.	90.6	94.0	81.9	91.0
9	412916091405101	06-17-98	1125	do.	88.7	94.6	85.9	92.0
10	413338091045601	07-16-98	0930	do.	95.5	97.7	80.8	89.0
11	413438091341201	06-10-98	0945	do.	94.6	94.6	89.4	83.0
12	413523092050501	06-22-98	0940	blank	92.6	103	97.2	90.0
			1000	regular	69.1	74.4	72.0	103
13	413634091484301	06-18-98	0915	do.	90.7	102	97.0	83.0
14	413705091392701	06-11-98	1000	do.	105	112	96.4	83.0
15	414036090460001	06-23-98	1215	do.	99.1	115	89.7	87.0
16	414430093220001	07-14-98	1230	do.	101	108	94.8	78.0
17	414914092024001	07-15-98	1045	do.	105	116	96.3	81.0
18	414944090470901	07-09-98	1140	blank	87.8	89.8	81.9	77.0
			1200	regular	93.7	102	80.6	85.0
19	415053093282401	07-14-98	0900	do.	108	117	96.3	75.0
20	415057093304801	07-13-98	1115	do.	99.8	109	87.6	83.0
21	415139092190801	06-30-98	0910	do.	107	118	111	78.0
			0915	replicate	99.0	106	101	72.0
22	415147092115301	06-30-98	1230	regular	104	114	107	86.0
23	415637091581001	06-30-98	0915	do.	104	115	108	73.0
24	415859090563901	06-23-98	1215	do.	102	115	101	89.0
25	421657092081801	07-06-98	1125	do.	102	105	73.3	78.0
26	422555092135201	07-01-98	1015	do.	110	123	110	86.0
27	423208091562101	07-08-98	1115	do.	92.0	111	86.8	78.0
28	423409092283001	07-07-98	0845	do.	99.9	109	76.1	80.0
29	423749092260801	07-07-98	1240	do.	100	108	71.7	86.0
30	430255093083301	07-21-98	1330	do.	92.1	78.3	63.1	74.0
31	430549092272301	07-21-98	0945	do.	96.6	87.6	67.5	78.0
32	434556093003501	07-20-98	1145	do.	96.9	87.2	71.6	78.0

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998

[All concentrations are in micrograms per liter; <, less than detection limit indicated; E, estimated; --, data not collected. Numbers in parentheses () are U.S. Geological Survey Water Data Storage and Retrieval System parameter codes]

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	1,1,2,- Tetra- chloro- ethane (77562)	1,1,1- Trichloro- ethane (34506)	1,1,2,2- Tetra- chloro- ethane (34516)	1,1,2-Tri- chloro- ethane (34511)	1,1,2- Trichloro- trifluoro- ethane (77652)	1,1- Dichloro- ethane (34496)	1,1- Dichloro- ethylene (34501)	1,1- Dichloro- propene (77168)	1,2,3,4- Tetra- methyl- benzene (49999)
1	410513091430401	07-22-98	0959	regular	<0.044	<0.032	<0.132	<0.064	<0.032	<0.066	<0.044	<0.026	<0.230
			1009	spike	<.044	2.24	<.132	<.064	E.072	E.028	1.45	<.026	<.230
2	410956091135601	06-24-98	0929	regular	<.176	<.128	<.528	<.256	<.128	<.264	<.176	<.104	<.920
3	411622091193401	06-24-98	1214	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
4	412136091270501	06-25-98	0859	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
5	412711091122401	06-15-98	0944	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
			0949	replicate	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
6	412748091285101	06-16-98	1129	regular	<.176	<.128	<.528	<.256	<.128	<.264	<.176	<.104	<.920
7	412808091345001	06-17-98	0914	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
8	412831091205601	06-16-98	0859	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
9	412916091405101	06-17-98	1124	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
10	413338091045601	07-16-98	0929	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
11	413438091341201	06-10-98	0945	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
12	413523092050501	06-22-98	0939	blank	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
			0959	regular	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
13	413634091484301	06-18-98	0914	do.	<.176	<.128	<.528	<.256	<.128	<.264	<.176	<.104	<.920
14	413705091392701	06-11-98	1000	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
15	414036090460001	06-23-98	1214	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
16	414430093220001	07-14-98	1229	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
17	414914092024001	07-15-98	1044	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
18	414944090470901	07-09-98	1138	blank	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
			1139	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
			1159	regular	<.088	<.064	<.264	<.128	<.064	<.132	<.088	<.052	<.460
19	415053093282401	07-14-98	0859	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
20	415057093304801	07-13-98	1114	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	1,1,2,- Tetra- chloro- ethane (77562)	1,1,1- Trichloro- ethane (34506)	1,1,2,2- Tetra- chloro- ethane (34516)	1,1,2-Tri- chloro- ethane (34511)	1,1,2- Trichloro- trifluoro- ethane (77652)	1,1- Dichloro- ethane (34496)	1,1- Dichloro- ethylene (34501)	1,1- Dichloro- propene (77168)	1,2,3,4- Tetra- methyl- benzene (49999)
21	415139092190801	06-30-98	0909	regular	<0.044	<0.032	<0.132	<0.064	<0.032	<0.066	<0.044	<0.026	<0.230
			0914	replicate	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
22	415147092115301	06-30-98	1229	regular	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
23	415637091581001	06-30-98	0914	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
24	415859090563901	06-23-98	1214	do.	<.176	<.128	<.528	<.256	<.128	<.264	<.176	<.104	<.920
25	421657092081801	07-06-98	1124	do.	<.176	<.128	<.528	<.256	<.128	<.264	<.176	<.104	<.920
26	422555092135201	07-01-98	1014	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
27	423208091562101	07-08-98	1114	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
28	423409092283001	07-07-98	0844	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
29	423749092260801	07-07-98	1239	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
30	430255093083301	07-21-98	1329	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
31	430549092272301	07-21-98	0944	do.	<.044	<.032	<.132	<.064	<.032	<.066	<.044	<.026	<.230
32	434556093003501	07-20-98	1144	do.	<.176	<.128	<.528	<.256	<.128	<.264	<.176	<.104	<.920

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	1,2,3,5- Tetra- methyl- benzene (50000)	1,2,3- Trichloro- benzene (77613)	1,2,3- Trichloro- propane (77443)	1,2,3- Trimethyl- benzene (77221)	1,2,4- Trichloro- benzene (34551)	1,2,4- Trimethyl- benzene (77222)	1,2,- Dibromo-3- chloro- propane (82625)	1,2- Dibromo- ethane (77651)	1,2- Dichloro- benzene (34536)
1	410513091430401	07-22-98	0959	regular	<0.240	<0.266	<0.162	<0.124	<0.188	<0.056	<0.214	<0.036	<0.048
			1009	spike	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
2	410956091135601	06-24-98	0929	regular	<.960	<1.06	<.648	<.496	<.752	<.224	<.856	<.144	<.192
3	411622091193401	06-24-98	1214	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
4	412136091270501	06-25-98	0859	do.	<.240	<.266	<.162	<.124	<.188	E.047	<.214	<.036	<.048
5	412711091122401	06-15-98	0944	do.	<.240	<.266	<.070	<.124	<.188	<.056	<.214	<.036	<.048
			0949	replicate	<.240	<.266	<.070	<.124	<.188	<.056	<.214	<.036	<.048
6	412748091285101	06-16-98	1129	regular	<.960	<1.06	<.280	<.496	<.752	<.224	<.856	<.144	<.192
7	412808091345001	06-17-98	0914	do.	<.240	<.266	<.070	<.124	<.188	<.056	<.214	<.036	<.048
8	412831091205601	06-16-98	0859	do.	<.240	<.266	<.070	<.124	<.188	<.056	<.214	<.036	<.048
9	412916091405101	06-17-98	1124	do.	<.240	<.266	<.070	<.124	<.188	<.056	<.214	<.036	<.048
10	413338091045601	07-16-98	0929	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
11	413438091341201	06-10-98	0945	do.	<.240	<.266	<.070	<.124	<.188	<.056	<.214	<.036	<.048
12	413523092050501	06-22-98	0939	blank	<.240	<.266	<.070	<.124	<.188	<.056	<.214	<.036	<.048
			0959	regular	<.240	<.266	<.070	<.124	<.188	<.056	<.214	<.036	<.048
13	413634091484301	06-18-98	0914	do.	<.960	<1.06	<.280	<.496	<.752	<.224	<.856	<.144	<.192
14	413705091392701	06-11-98	1000	do.	<.240	<.266	<.070	<.124	<.188	<.056	<.214	<.036	<.048
15	414036090460001	06-23-98	1214	do.	<.240	<.266	<.070	<.124	<.188	<.056	<.214	<.036	<.048
16	414430093220001	07-14-98	1229	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
17	414914092024001	07-15-98	1044	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
18	414944090470901	07-09-98	1138	blank	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
			1139	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
			1159	regular	<.480	<.532	<.324	<.248	<.376	<.112	<1.00	<.072	<.096
19	415053093282401	07-14-98	0859	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
20	415057093304801	07-13-98	1114	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.500	<.036	<.048

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	1,2,3,5- Tetra- methyl- benzene (50000)	1,2,3- Trichloro- benzene (77613)	1,2,3- Trichloro- propane (77443)	1,2,3- Trimethyl- benzene (77221)	1,2,4- Trichloro- benzene (34551)	1,2,4- Trimethyl- benzene (77222)	1,2,- Dibromo-3- chloro- propane (82625)	1,2- Dibromo- ethane (77651)	1,2- Dichloro- benzene (34536)
21	415139092190801	06-30-98	0909	regular	<0.240	<0.266	<0.162	<0.124	<0.188	<0.056	<0.214	<0.036	<0.048
			0914	replicate	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
22	415147092115301	06-30-98	1229	regular	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
23	415637091581001	06-30-98	0914	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
24	415859090563901	06-23-98	1214	do.	<.960	<1.06	<.280	<.496	<.752	<.224	<.856	<.144	<.192
25	421657092081801	07-06-98	1124	do.	<.960	<1.06	<.648	<.496	<.752	<.224	<.856	<.144	<.192
26	422555092135201	07-01-98	1014	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
27	423208091562101	07-08-98	1114	do.	<.240	<.266	<.162	<.124	<.188	E.064	<.500	<.036	<.048
28	423409092283001	07-07-98	0844	do.	<.240	<.266	<.162	<.124	<.188	E.054	<.214	<.036	<.048
29	423749092260801	07-07-98	1239	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
30	430255093083301	07-21-98	1329	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
31	430549092272301	07-21-98	0944	do.	<.240	<.266	<.162	<.124	<.188	<.056	<.214	<.036	<.048
32	434556093003501	07-20-98	1144	do.	<.960	<1.06	<.648	<.496	<.752	<.224	<.856	<.144	<.192

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	1,2- Dichloro- ethane (32103)	1,2-Dichloro- ethane-d4 (surrogate, % recovery) (99832)	1,2- Dichloro- propane (34541)	1,3,5-Tri- methyl- benzene (77226)	1,3- Dichloro- benzene (34566)	1,3- Dichloro- propane (77173)	1,4-Bromo- fluoro-benzene (surrogate, % recovery) (99834)	1,4- Dichloro- benzene (34571)
1	410513091430401	07-22-98	0959	regular	<0.134	99.0	<0.068	<0.044	<0.054	<0.116	74.0	<0.050
			1009	spike	2.21	97.0	<.068	<.044	<.054	<.116	84.0	1.57
2	410956091135601	06-24-98	0929	regular	<.536	113	<.272	<.176	<.216	<.464	94.0	<.200
3	411622091193401	06-24-98	1214	do.	<.134	114	<.068	<.044	<.054	<.116	94.0	<.050
4	412136091270501	06-25-98	0859	do.	<.134	102	<.068	<.044	<.054	<.116	80.0	<.050
5	412711091122401	06-15-98	0944	do.	<.134	112	<.068	<.044	<.054	<.116	72.0	<.050
			0949	replicate	<.134	115	<.068	<.044	<.054	<.116	73.0	<.050
6	412748091285101	06-16-98	1129	regular	<.536	110	<.272	<.176	<.216	<.464	71.0	<.200
7	412808091345001	06-17-98	0914	do.	<.134	110	<.068	<.044	<.054	<.116	69.0	<.050
8	412831091205601	06-16-98	0859	do.	<.134	112	<.068	<.044	<.054	<.116	70.0	<.050
9	412916091405101	06-17-98	1124	do.	<.134	114	<.068	<.044	<.054	<.116	72.0	<.050
10	413338091045601	07-16-98	0929	do.	<.134	79.0	<.068	<.044	<.054	<.116	82.0	<.050
11	413438091341201	06-10-98	0945	do.	<.134	115	<.068	<.044	<.054	<.116	81.0	<.050
12	413523092050501	06-22-98	0939	blank	<.134	117	<.068	<.044	<.054	<.116	85.0	<.050
			0959	regular	<.134	126	<.068	<.044	<.054	<.116	85.0	<.050
13	413634091484301	06-18-98	0914	do.	<.536	128	<.272	<.176	<.216	<.464	84.0	<.200
14	413705091392701	06-11-98	1000	do.	<.134	114	<.068	<.044	<.054	<.116	78.0	<.050
15	414036090460001	06-23-98	1214	do.	<.134	129	<.068	<.044	<.054	<.116	89.0	<.050
16	4144330093220001	07-14-98	1229	do.	<.134	91.0	<.068	<.044	<.054	<.116	94.0	<.050
17	414914092024001	07-15-98	1044	do.	<.134	86.0	<.068	<.044	<.054	<.116	77.0	<.050
18	414944090470901	07-09-98	1138	blank	<.134	96.0	<.068	<.044	<.054	<.116	88.0	<.050
			1139	do.	<.134	99.0	<.068	<.044	<.054	<.116	88.0	<.050
			1159	regular	<.268	97.0	<.136	<.088	<.108	<.232	85.0	<.100
19	415053093282401	07-14-98	0859	do.	<.134	90.0	<.068	<.044	<.054	<.116	96.0	<.050
20	415057093304801	07-13-98	1114	do.	<.134	102	<.068	<.044	<.054	<.116	85.0	<.050

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	1,2- Dichloro- ethane (32103)	1,2-Dichloro- ethane-d4 (surrogate, % recovery) (99832)	1,2- Dichloro- propane (34541)	1,3,5-Tri- methyl- benzene (77226)	1,3- Dichloro- benzene (34566)	1,3- Dichloro- propane (77173)	1,4-Bromo- fluoro-benzene (surrogate, % recovery) (99834)	1,4- Dichloro- benzene (34571)
21	415139092190801	06-30-98	0909	regular	<0.134	118	<0.068	<0.044	<0.054	<0.116	88.0	<0.050
			0914	replicate	<.134	121	<.068	<.044	<.054	<.116	91.0	<.050
22	415147092115301	06-30-98	1229	regular	<.134	122	<.068	<.044	<.054	<.116	90.0	<.050
23	415637091581001	06-30-98	0914	do.	<.134	120	<.068	<.044	<.054	<.116	91.0	<.050
24	415859090563901	06-23-98	1214	do.	<.536	125	<.272	<.176	<.216	<.464	85.0	<.200
25	421657092081801	07-06-98	1124	do.	<.536	96.0	<.272	<.176	<.216	<.464	82.0	<.200
26	422555092135201	07-01-98	1014	do.	<.134	96.0	<.068	<.044	<.054	<.116	84.0	<.050
27	423208091562101	07-08-98	1114	do.	<.134	105	<.068	<.044	<.054	<.116	86.0	<.050
28	423409092283001	07-07-98	0844	do.	<.134	99.0	<.068	<.044	<.054	<.116	82.0	<.050
29	423749092260801	07-07-98	1239	do.	<.134	99.0	<.068	<.044	<.054	<.116	84.0	<.050
30	430255093083301	07-21-98	1329	do.	<.134	99.0	<.068	<.044	<.054	<.116	82.0	<.050
31	430549092272301	07-21-98	0944	do.	<.134	100	<.068	<.044	<.054	<.116	82.0	<.050
32	434556093003501	07-20-98	1144	do.	<.536	96.0	<.272	<.176	<.216	<.464	80.0	<.200

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	2,2- Dichloro- propane (77170)	2-Butanone (81595)	2-Chloro- toluene (77275)	2-Hesane (77103)	3-Chloro- propene (78109)	4-Chloro- toluene (77277)	4-Isopropyl- 1-methyl- benzene (77356)	4-Methyl-2- pentanone (78133)
1	410513091430401	07-22-98	0959	regular	<0.078	<1.65	<0.042	<0.746	<0.196	<0.056	<0.110	<0.374
			1009	spike	<.078	6.25	<.042	<.746	<.196	<.056	<.110	<.374
2	410956091135601	06-24-98	0929	regular	<.312	<6.60	<.168	<2.98	<.784	<.224	<.440	<1.50
3	411622091193401	06-24-98	1214	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
4	412136091270501	06-25-98	0859	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
5	412711091122401	06-15-98	0944	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
			0949	replicate	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
6	412748091285101	06-16-98	1129	regular	<.312	<6.60	<.168	<2.98	<.784	<.224	<.440	<1.50
7	412808091345001	06-17-98	0914	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
8	412831091205601	06-16-98	0859	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
9	412916091405101	06-17-98	1124	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
10	413338091045601	07-16-98	0929	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
11	413438091341201	06-10-98	0945	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
12	413523092050501	06-22-98	0939	blank	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
			0959	regular	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
13	413634091484301	06-18-98	0914	do.	<.312	<6.60	<.168	<2.98	<.784	<.224	<.440	<1.50
14	413705091392701	06-11-98	1000	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
15	414036090460001	06-23-98	1214	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
16	414430093220001	07-14-98	1229	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
17	414914092024001	07-15-98	1044	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
18	414944090470901	07-09-98	1138	blank	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
			1139	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
			1159	regular	<.156	<3.30	<.084	<1.49	<.392	<.112	<.220	<.748
19	415053093282401	07-14-98	0859	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
20	415057093304801	07-13-98	1114	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	2,2- Dichloro- propane (77170)	2-Butanone (81595)	2-Chloro- toluene (77275)	2-Hexanone (77103)	3-Chloro- propene (78109)	4-Chloro- toluene (77277)	4-Isopropyl- 1-methyl- benzene (77356)	4-Methyl-2- pentanone (78133)
21	415139092190801	06-30-98	0909	regular	<0.078	<1.65	<0.042	<0.746	<0.196	<0.056	<0.110	<0.374
			0914	replicate	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
22	415147092115301	06-30-98	1229	regular	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
23	415637091581001	06-30-98	0914	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
24	415859090563901	06-23-98	1214	do.	<.312	<6.60	<.168	<2.98	<.784	<.224	<.440	<1.50
25	421657092081801	07-06-98	1124	do.	<.312	<6.60	<.168	<2.98	<.784	<.224	<.440	<1.50
26	422555092135201	07-01-98	1014	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
27	423208091562101	07-08-98	1114	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
28	423409092283001	07-07-98	0844	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
29	423749092260801	07-07-98	1239	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
30	430255093083301	07-21-98	1329	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
31	430549092272301	07-21-98	0944	do.	<.078	<1.65	<.042	<.746	<.196	<.056	<.110	<.374
32	434556093003501	07-20-98	1144	do.	<.312	<6.60	<.168	<2.98	<.784	<.224	<.440	<1.50

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Acetone (81552)	Acrylonitrile (34215)	Benzene (34030)	Bromo- benzene (81555)	Bromo- chloro- methane (77297)	Bromo- dichloro- methane (32101)	Bromoethene (50002)
1	410513091430401	07-22-98	0959	regular	<4.90	<1.23	<0.100	<0.036	<0.044	7.00	<0.100
			1009	spike	<4.90	<1.23	.114	<.036	<.044	9.08	<.100
2	410956091135601	06-24-98	0929	regular	<19.6	<4.90	<.400	<.144	<.176	<.192	<.400
3	411622091193401	06-24-98	1214	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
4	412136091270501	06-25-98	0859	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
5	412711091122401	06-15-98	0944	do.	<4.90	<1.23	<.032	<.036	<.044	<.048	<.100
			0949	replicate	<4.90	<1.23	<.032	<.036	<.044	<.048	<.100
6	412748091285101	06-16-98	1129	regular	<19.6	<4.90	<.128	<.144	<.176	<.192	<.400
7	412808091345001	06-17-98	0914	do.	<4.90	<1.23	<.032	<.036	<.044	<.048	<.100
8	412831091205601	06-16-98	0859	do.	<4.90	<1.23	<.032	<.036	<.044	<.048	<.100
9	412916091405101	06-17-98	1124	do.	<4.90	<1.23	<.032	<.036	<.044	<.048	<.100
10	413338091045601	07-16-98	0929	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
11	413438091341201	06-10-98	0945	do.	<4.90	<1.23	<.032	<.036	<.044	<.048	<.100
12	413523092050501	06-22-98	0939	blank	<4.90	<1.23	<.032	<.036	<.044	<.048	<.100
			0959	regular	<4.90	<1.23	<.032	<.036	<.044	<.048	<.100
13	413634091484301	06-18-98	0914	do.	<19.6	<4.90	<.128	<.144	<.176	<.192	<.400
14	413705091392701	06-11-98	1000	do.	<4.90	<1.23	<.032	<.036	<.044	<.048	<.100
15	414036090460001	06-23-98	1214	do.	<4.90	<1.23	<.032	<.036	<.044	<.048	<.100
16	414430093220001	07-14-98	1229	do.	<6.93	<1.23	<.100	<.036	<.044	<.048	<.100
17	414914092024001	07-15-98	1044	do.	<6.14	<1.23	<.100	<.036	<.044	<.048	<.100
18	414944090470901	07-09-98	1138	blank	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
			1139	do.	E2.99	<1.23	<.100	<.036	<.044	<.048	<.100
			1159	regular	<9.81	<2.45	<.200	<.072	<.088	<.096	<.200
19	415053093282401	07-14-98	0859	do.	<6.70	<1.23	<.100	<.036	<.044	<.048	<.100
20	415057093304801	07-13-98	1114	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
21	415139092190801	06-30-98	0909	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
			0914	replicate	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Acetone (81552)	Acrylonitrile (34215)	Benzene (34030)	Bromo- benzene (81555)	Bromo- chloro- methane (77297)	Bromo- dichloro- methane (32101)	Bromoethene (50002)
22	415147092115301	06-30-98	1229	regular	<4.90	<1.23	<0.100	<0.036	<0.044	<0.048	<0.100
23	415637091581001	06-30-98	0914	do.	<4.90	<1.23	E.013	<.036	<.044	<.048	<.100
24	415859090563901	06-23-98	1214	do.	<19.6	<4.90	<.128	<.144	<.176	<.192	<.400
25	421657092081801	07-06-98	1124	do.	<19.6	<4.90	<.400	<.144	<.176	<.192	<.400
26	422555092135201	07-01-98	1014	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
27	423208091562101	07-08-98	1114	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
28	423409092283001	07-07-98	0844	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
29	423749092260801	07-07-98	1239	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
30	430255093083301	07-21-98	1329	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
31	430549092272301	07-21-98	0944	do.	<4.90	<1.23	<.100	<.036	<.044	<.048	<.100
32	434556093003501	07-20-98	1144	do.	<19.6	<4.90	<.400	<.144	<.176	<.192	<.400

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Bromoform (32104)	Bromo- methane (34413)	Butyl- benzene (77342)	Carbon disulfide (77041)	Chloro- benzene (34301)	Chloro- ethane (34311)	Chloroform (32106)	Chloro- methane (34418)
1	410513091430401	07-22-98	0959	regular	0.302	<0.148	<0.186	E0.017	<0.028	<0.120	16.8	E0.046
			1009	spike	2.13	E.077	<.186	E.017	<.028	<.120	15.4	E.049
2	410956091135601	06-24-98	0929	regular	<.416	<.592	<.744	E.170	<.112	<.480	<.208	<1.02
3	411622091193401	06-24-98	1214	do.	<.104	<.148	<.186	.263	<.028	<.120	<.052	<.254
4	412136091270501	06-25-98	0859	do.	<.104	<.148	<.186	.199	<.028	<.120	<.052	<.254
5	412711091122401	06-15-98	0944	do.	<.104	<.148	<.186	E.073	<.028	<.120	<.052	<.254
			0949	replicate	<.104	<.148	<.186	E.033	<.028	<.120	<.052	<.254
6	412748091285101	06-16-98	1129	regular	<.416	<.592	<.744	E.092	<.112	<.480	<.208	<1.02
7	412808091345001	06-17-98	0914	do.	<.104	<.148	<.186	E.041	<.028	<.120	<.052	<.254
8	412831091205601	06-16-98	0859	do.	<.104	<.148	<.186	E.027	<.028	<.120	<.052	<.254
9	412916091405101	06-17-98	1124	do.	<.104	<.148	<.186	.097	<.028	<.120	<.052	<.254
10	413338091045601	07-16-98	0929	do.	<.104	<.148	<.186	.395	<.028	<.120	<.052	<.254
11	413438091341201	06-10-98	0945	do.	<.104	<.148	<.186	E.034	<.028	<.120	<.052	<.254
12	413523092050501	06-22-98	0939	blank	<.104	<.148	<.186	E.017	<.028	<.120	<.052	<.254
			0959	regular	<.104	<.148	<.186	<.080	<.028	<.120	<.052	<.254
13	413634091484301	06-18-98	0914	do.	<.416	<.592	<.744	<.320	<.112	<.480	<.208	<1.02
14	413705091392701	06-11-98	1000	do.	<.104	<.148	<.186	<.080	<.028	<.120	<.052	<.254
15	414036090460001	06-23-98	1214	do.	<.104	<.148	<.186	<.080	<.028	<.120	<.052	<.254
16	414430093220001	07-14-98	1229	do.	<.104	<.148	<.186	2.06	<.028	<.120	<.052	<.254
17	414914092024001	07-15-98	1044	do.	<.104	<.148	<.186	<.370	<.028	<.120	<.052	<.254
18	414944090470901	07-09-98	1138	blank	<.104	<.148	<.186	.142	<.028	<.120	<.052	<.254
			1139	do.	<.104	<.148	<.186	E.060	<.028	<.120	<.052	<.254
			1159	regular	<.208	<.296	<.372	2.78	<.056	<.240	<.104	<.508
19	415053093282401	07-14-98	0859	do.	<.104	<.148	<.186	<.370	<.028	<.120	<.052	<.254
20	415057093304801	07-13-98	1114	do.	<.104	<.148	<.186	.142	<.028	<.120	<.052	E.011
21	415139092190801	06-30-98	0909	do.	<.104	<.148	<.186	E.029	<.028	<.120	<.052	<.254
			0914	replicate	<.104	<.148	<.186	E.017	<.028	<.120	E.010	<.254

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Bromoform (32104)	Bromo- methane (34413)	Butyl- benzene (77342)	Carbon disulfide (77041)	Chloro- benzene (34301)	Chloro- ethane (34311)	Chloroform (32106)	Chloro- methane (34418)
22	415147092115301	06-30-98	1229	regular	<0.104	<0.148	<0.186	E0.013	<0.028	<0.120	E0.014	<0.254
23	415637091581001	06-30-98	0914	do.	<.104	<.148	<.186	.096	<.028	<.120	<.052	<.254
24	415859090563901	06-23-98	1214	do.	<.416	<.592	<.744	<.320	<.112	<.480	<.208	<1.02
25	421657092081801	07-06-98	1124	do.	<.416	<.592	<.744	<1.48	<.112	<.480	<.208	<1.02
26	422555092135201	07-01-98	1014	do.	<.104	<.148	<.186	<.370	<.028	<.120	E.012	<.254
27	423208091562101	07-08-98	1114	do.	<.104	<.148	<.186	.128	<.028	<.120	<.052	<.254
28	423409092283001	07-07-98	0844	do.	<.104	<.148	<.186	E.024	<.028	<.120	<.052	<.254
29	423749092260801	07-07-98	1239	do.	<.104	<.148	<.186	.121	<.028	<.120	<.052	<.254
30	430255093083301	07-21-98	1329	do.	<.104	<.148	<.186	.154	<.028	<.120	<.052	<.254
31	430549092272301	07-21-98	0944	do.	<.104	<.148	<.186	E.064	<.028	<.120	<.052	<.254
32	434556093003501	07-20-98	1144	do.	<.416	<.592	<.744	<1.48	<.112	<.480	<.208	<1.02

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Dibromo-chloro-methane (32105)	Dibromo-methane (30217)	Dichloro-difluoro-methane (34668)	Dichloro-methane (34423)	Diethyl ether (81576)	Diisopropyl ether (81577)	Ethyl meth-acrylate (73570)	Ethyl tert-butyl ether (50004)	Ethyl-benzene (34371)
1	410513091430401	07-22-98	0959	regular	3.13	<0.050	<0.138	<0.382	<0.170	<0.098	<0.278	<0.054	<0.030
			1009	spike	5.03	<.050	<.138	E.310	<.170	<.098	<.278	<.054	1.16
2	410956091135601	06-24-98	0929	regular	<.728	<.200	<.552	<1.53	<.680	<.392	<1.11	<.216	<.120
3	411622091193401	06-24-98	1214	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
4	412136091270501	06-25-98	0859	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
5	412711091122401	06-15-98	0944	do.	<.182	<.050	<.096	<.382	<.170	<.098	<.278	<.054	<.030
			0949	replicate	<.182	<.050	<.096	<.382	<.170	<.098	<.278	<.054	<.030
6	412748091285101	06-16-98	1129	regular	<.728	<.200	<.384	<1.53	<.680	<.392	<1.11	<.216	<.120
7	412808091345001	06-17-98	0914	do.	<.182	<.050	<.096	<.382	<.170	<.098	<.278	<.054	<.030
8	412831091205601	06-16-98	0859	do.	<.182	<.050	<.096	<.382	<.170	<.098	<.278	<.054	<.030
9	412916091405101	06-17-98	1124	do.	<.182	<.050	<.096	<.382	<.170	<.098	<.278	<.054	<.030
10	413338091045601	07-16-98	0929	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
11	413438091341201	06-10-98	0945	do.	<.182	<.050	<.096	<.382	<.170	<.098	<.278	<.054	<.030
12	413523092050501	06-22-98	0939	blank	<.182	<.050	<.096	<.382	<.170	<.098	<.278	<.054	<.030
			0959	regular	<.182	<.050	<.096	<.382	<.170	<.098	<.278	<.054	<.030
13	413634091484301	06-18-98	0914	do.	<.728	<.200	<.384	<1.53	<.680	<.392	<1.11	<.216	<.120
14	413705091392701	06-11-98	1000	do.	<.182	<.050	<.096	<.382	<.170	<.098	<.278	<.054	<.030
15	414036090460001	06-23-98	1214	do.	<.182	<.050	<.096	<.382	<.170	<.098	<.278	<.054	<.030
16	414430093220001	07-14-98	1229	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
17	414914092024001	07-15-98	1044	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
18	414944090470901	07-09-98	1138	blank	<.182	<.050	E.730	<.382	<.170	<.098	<.278	<.054	<.030
			1139	do.	<.182	<.050	E.110	<.382	<.170	<.098	<.278	<.054	<.030
			1159	regular	<.364	<.100	<.276	<.764	<.340	<.196	<.556	<.108	<.060
19	415053093282401	07-14-98	0859	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
20	415057093304801	07-13-98	1114	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Dibromo-chloro-methane (32105)	Dibromo-methane (30217)	Dichloro-difluoro-methane (34668)	Dichloro-methane (34423)	Diethyl ether (81576)	Diisopropyl ether (81577)	Ethyl meth-acrylate (73570)	Ethyl tert-butyl ether (50004)	Ethyl-benzene (34371)
21	415139092190801	06-30-98	0909	regular	<0.182	<0.050	<0.138	<0.382	<0.170	<0.098	<0.278	<0.054	<0.030
			0914	replicate	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
22	415147092115301	06-30-98	1229	regular	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
23	415637091581001	06-30-98	0914	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
24	415859090563901	06-23-98	1214	do.	<.728	<.200	<.384	<1.53	<.680	<.392	<1.11	<.216	<.120
25	421657092081801	07-06-98	1124	do.	<.728	<.200	<.552	<1.53	<.680	<.392	<1.11	<.216	<.120
26	422555092135201	07-01-98	1014	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
27	423208091562101	07-08-98	1114	do.	<.182	<.050	E.110	<.382	<.170	<.098	<.278	<.054	<.030
28	423409092283001	07-07-98	0844	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
29	423749092260801	07-07-98	1239	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
30	430255093083301	07-21-98	1329	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
31	430549092272301	07-21-98	0944	do.	<.182	<.050	<.138	<.382	<.170	<.098	<.278	<.054	<.030
32	434556093003501	07-20-98	1144	do.	<.728	<.200	<.552	<1.53	<.680	<.392	<1.11	<.216	<.120

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Hexachloro- butadiene (39702)	Hexachloro- ethane (34396)	Isopropyl- benzene (77223)	Methyl acrylate (49991)	Methyl acryl- onitrile (81593)	Methyl iodide (77424)	Methyl meth- acrylate (81597)	Naphthalene (34696)
1	410513091430401	07-22-98	0959	regular	<0.142	<0.362	<0.032	<1.36	<0.570	<0.208	<0.350	<0.250
			1009	spike	<.142	<.362	<.032	<1.36	<.570	E.072	<.350	<.250
2	410956091135601	06-24-98	0929	regular	<.568	<1.45	<.128	<5.43	<2.28	<.832	<1.40	<1.00
3	411622091193401	06-24-98	1214	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
4	412136091270501	06-25-98	0859	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
5	412711091122401	06-15-98	0944	do.	<.142	<.362	<.032	<.612	<.570	<.076	<.350	<.250
			0949	replicate	<.142	<.362	<.032	<.612	<.570	<.076	<.350	<.250
6	412748091285101	06-16-98	1129	regular	<.568	<1.45	<.128	<2.45	<2.28	<.304	<1.40	<1.00
7	412808091345001	06-17-98	0914	do.	<.142	<.362	<.032	<.612	<.570	<.076	<.350	<.250
8	412831091205601	06-16-98	0859	do.	<.142	<.362	<.032	<.612	<.570	<.076	<.350	<.250
9	412916091405101	06-17-98	1124	do.	<.142	<.362	<.032	<.612	<.570	<.076	<.350	<.250
10	413338091045601	07-16-98	0929	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
11	413438091341201	06-10-98	0945	do.	<.142	<.362	<.032	<.612	<.570	<.076	<.350	<.250
12	413523092050501	06-22-98	0939	blank	<.142	<.362	<.032	<.612	<.570	<.076	<.350	<.250
			0959	regular	<.142	<.362	<.032	<.612	<.570	<.076	<.350	<.250
13	413634091484301	06-18-98	0914	do.	<.568	<1.45	<.128	<2.45	<2.28	<.304	<1.40	<1.00
14	413705091392701	06-11-98	1000	do.	<.142	<.362	<.032	<.612	<.570	<.076	<.350	<.250
15	414036090460001	06-23-98	1214	do.	<.142	<.362	<.032	<.612	<.570	<.076	<.350	<.250
16	414430093220001	07-14-98	1229	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
17	414914092024001	07-15-98	1044	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
18	414944090470901	07-09-98	1138	blank	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
			1139	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
			1159	regular	<.284	<.724	<.064	<2.71	<1.14	<.416	<.700	<.500
19	415053093282401	07-14-98	0859	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
20	415057093304801	07-13-98	1114	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
21	415139092190801	06-30-98	0909	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
			0914	replicate	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Hexachloro- butadiene (39702)	Hexachloro- ethane (34396)	Isopropyl- benzene (77223)	Methyl acrylate (49991)	Methyl acryl- onitrile (81593)	Methyl iodide (77424)	Methyl meth- acrylate (81597)	Naphthalene (34696)
22	415147092115301	06-30-98	1229	regular	<0.142	<0.362	<0.032	<1.36	<0.570	<0.208	<0.350	<0.250
23	415637091581001	06-30-98	0914	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
24	415859090563901	06-23-98	1214	do.	<.568	<1.45	<.128	<2.45	<2.28	<.304	<1.40	<1.00
25	421657092081801	07-06-98	1124	do.	<.568	<1.45	<.128	<5.43	<2.28	<.832	<1.40	<1.00
26	422555092135201	07-01-98	1014	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
27	423208091562101	07-08-98	1114	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
28	423409092283001	07-07-98	0844	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
29	423749092260801	07-07-98	1239	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
30	430255093083301	07-21-98	1329	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
31	430549092272301	07-21-98	0944	do.	<.142	<.362	<.032	<1.36	<.570	<.208	<.350	<.250
32	434556093003501	07-20-98	1144	do.	<.568	<1.45	<.128	<5.43	<2.28	<.832	<1.40	<1.00

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Styrene (77128)	Tetrachloro- ethylene (34475)	Tetrachloro- methane (32102)	Tetra- hydrofuran (81607)	Toluene (34010)	Toluene-d8 (surrogate, % recovery) (99833)	Trichloro- ethylene (39180)	Trichloro- fluoro- methane (34488)
1	410513091430401	07-22-98	0959	regular	<.042	<.0102	<.0088	<.8.79	<.0.054	95.0	<.0.038	<.0.092
			1009	spike	<.042	1.88	2.23	<.8.79	E.018	96.0	2.23	E.035
2	410956091135601	06-24-98	0929	regular	<.168	<.408	<.352	<.35.2	E.059	101	<.152	<.368
3	411622091193401	06-24-98	1214	do.	<.042	<.102	<.088	<.8.79	E.031	101	<.038	<.092
4	412136091270501	06-25-98	0859	do.	<.042	<.102	<.088	<.8.79	E.064	97.0	<.038	<.092
5	412711091122401	06-15-98	0944	do.	<.042	<.038	<.088	<.1.15	E.033	96.0	<.038	<.092
			0949	replicate	<.042	<.038	<.088	<.1.15	E.032	98.0	<.038	<.092
6	412748091285101	06-16-98	1129	regular	<.168	<.152	<.352	<.4.59	<.152	98.0	<.152	<.368
7	412808091345001	06-17-98	0914	do.	<.042	<.038	<.088	<.1.15	E.016	95.0	<.038	<.092
8	412831091205601	06-16-98	0859	do.	<.042	<.038	<.088	<.1.15	E.020	96.0	<.038	<.092
9	412916091405101	06-17-98	1124	do.	<.042	<.038	<.088	<.1.15	E.015	98.0	<.038	<.092
10	413338091045601	07-16-98	0929	do.	<.042	<.102	<.088	<.8.79	E.021	107	<.038	<.092
11	413438091341201	06-10-98	0945	do.	<.042	<.038	<.088	<.1.15	E.024	99.0	<.038	<.092
12	413523092050501	06-22-98	0939	blank	<.042	<.038	<.088	<.1.15	E.038	97.0	<.038	<.092
			0959	regular	<.042	<.038	<.088	<.1.15	<.038	97.0	<.038	<.092
13	413634091484301	06-18-98	0914	do.	<.168	<.152	<.352	<.4.59	<.152	95.0	<.152	<.368
14	413705091392701	06-11-98	1000	do.	<.042	<.038	<.088	<.1.15	<.038	99.0	<.038	<.092
15	414036090460001	06-23-98	1214	do.	<.042	<.038	<.088	<.1.15	E.021	98.0	<.038	<.092
16	414430093220001	07-14-98	1229	do.	<.042	<.102	<.088	<.8.79	<.054	103	<.038	<.092
17	414914092024001	07-15-98	1044	do.	<.042	<.102	<.088	<.8.79	<.054	100	<.038	<.092
18	414944090470901	07-09-98	1138	blank	<.042	<.102	<.088	<.8.79	E.038	96.0	<.038	<.092
			1139	do.	<.042	<.102	<.088	<.8.79	E.029	98.0	<.038	<.092
			1159	regular	<.084	<.204	<.176	<.17.6	<.108	96.0	<.076	<.184
19	415053093282401	07-14-98	0859	do.	<.042	<.102	<.088	<.8.79	<.054	104	<.038	<.092
20	415057093304801	07-13-98	1114	do.	<.042	<.102	<.088	<.8.79	<.054	96.0	<.038	<.092
21	415139092190801	06-30-98	0909	do.	<.042	<.102	<.088	<.8.79	E.045	98.0	<.038	<.092
			0914	replicate	<.042	<.102	<.088	<.8.79	E.040	99.0	<.038	<.092
22	415147092115301	06-30-98	1229	regular	<.042	<.102	<.088	<.8.79	.178	99.0	<.038	<.092

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Styrene (77128)	Tetrachloro- ethylene (34475)	Tetrachloro- methane (32102)	Tetra- hydrofuran (81607)	Toluene (34010)	Toluene-d8 (surrogate, % recovery) (99833)	Trichloro- ethylene (39180)	Trichloro- fluoro- methane (34488)
23	415637091581001	06-30-98	0914	regular	<0.042	<0.102	<0.088	<8.79	E0.060	99.0	<0.038	<0.092
24	415859090563901	06-23-98	1214	do.	<.168	<.152	<.352	<4.59	E.068	96.0	<.152	<.368
25	421657092081801	07-06-98	1124	do.	<.168	<.408	<.352	<35.2	<.216	99.0	<.152	<.368
26	422555092135201	07-01-98	1014	do.	<.042	<.102	<.088	<8.79	E.042	100	<.038	<.092
27	423208091562101	07-08-98	1114	do.	<.042	<.102	<.088	<8.79	E.020	97.0	<.038	<.092
28	423409092283001	07-07-98	0844	do.	<.042	<.102	<.088	<8.79	<.054	99.0	<.038	<.092
29	423749092260801	07-07-98	1239	do.	<.042	<.102	<.088	<8.79	<.054	99.0	<.038	<.092
30	430255093083301	07-21-98	1329	do.	<.042	<.102	<.088	<8.79	<.054	100	<.038	<.092
31	430549092272301	07-21-98	0944	do.	<.042	<.102	<.088	<8.79	<.054	98.0	<.038	<.092
32	434556093003501	07-20-98	1144	do.	<.168	<.408	<.352	<35.2	<.216	97.0	<.152	<.368

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Vinyl chloride (39175)	cis-1,2- Dichloro- ethylene (77093)	cis-1,3- Dichloro- propene (34704)	m- and p- Xylene (85795)	n-Propyl- benzene (77224)	o-Ethyl toluene (77220)	o-Xylene (77135)	sec-Butyl- benzene (77350)
1	410513091430401	07-22-98	0959	regular	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
			1009	spike	E.047	<.038	<.092	<.064	<.042	<.100	<.064	<.048
2	410956091135601	06-24-98	0929	regular	<.448	<.152	<.368	<.256	<.168	<.400	<.256	<.192
3	411622091193401	06-24-98	1214	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
4	412136091270501	06-25-98	0859	do.	<.112	<.038	<.092	E.029	<.042	<.100	<.064	<.048
5	412711091122401	06-15-98	0944	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
			0949	replicate	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
6	412748091285101	06-16-98	1129	regular	<.448	<.152	<.368	<.256	<.168	<.400	<.256	<.192
7	412808091345001	06-17-98	0914	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
8	412831091205601	06-16-98	0859	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
9	412916091405101	06-17-98	1124	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
10	413338091045601	07-16-98	0929	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
11	413438091341201	06-10-98	0945	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
12	413523092050501	06-22-98	0939	blank	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
			0959	regular	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
13	413634091484301	06-18-98	0914	do.	<.448	<.152	<.368	<.256	<.168	<.400	<.256	<.192
14	413705091392701	06-11-98	1000	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
15	414036090460001	06-23-98	1214	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
16	414430093220001	07-14-98	1229	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
17	414914092024001	07-15-98	1044	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
18	414944090470901	07-09-98	1138	blank	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
			1139	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
			1159	regular	<.224	<.076	<.184	<.128	<.084	<.200	<.128	<.096
19	415053093282401	07-14-98	0859	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
20	415057093304801	07-13-98	1114	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
21	415139092190801	06-30-98	0909	do.	<.112	<.038	<.092	E.018	<.042	<.100	<.064	<.048
			0914	replicate	<.112	<.038	<.092	E.016	<.042	<.100	<.064	<.048
22	415147092115301	06-30-98	1229	regular	<.112	<.038	<.092	E.013	<.042	<.100	<.064	<.048

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	Vinyl chloride (39175)	cis-1,2- Dichloro- ethylene (77093)	cis-1,3- Dichloro- propene (34704)	m- and p- Xylene (85795)	n-Propyl- benzene (77224)	o-Ethyl toluene (77220)	o-Xylene (77135)	sec-Butyl- benzene (77350)
23	415637091581001	06-30-98	0914	regular	<0.112	<0.038	<0.092	E.016	<0.042	<0.100	<0.064	<0.048
24	415859090563901	06-23-98	1214	do.	<.448	<.152	<.368	<.256	<.168	<.400	<.256	<.192
25	421657092081801	07-06-98	1124	do.	<.448	<.152	<.368	<.256	<.168	<.400	<.256	<.192
26	422555092135201	07-01-98	1014	do.	<.112	<.038	<.092	E.013	<.042	<.100	<.064	<.048
27	423208091562101	07-08-98	1114	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
28	423409092283001	07-07-98	0844	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
29	423749092260801	07-07-98	1239	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
30	430255093083301	07-21-98	1329	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
31	430549092272301	07-21-98	0944	do.	<.112	<.038	<.092	<.064	<.042	<.100	<.064	<.048
32	434556093003501	07-20-98	1144	do.	<.448	<.152	<.368	<.256	<.168	<.400	<.256	<.192

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	tert-Butyl methyl ether (78032)	tert-Butyl- benzene (77353)	tert-Pentyl methyl ether (50005)	trans-1,2- Dichloro- ethylene (34546)	trans-1,3- Dichloro- propene (34699)	trans-1,4- Dichloro-2- butene (73547)
1	410513091430401	07-22-98	0959	regular	<0.166	<0.096	<0.112	<0.032	<0.134	<0.692
			1009	spike	2.03	<.096	<.112	E.029	<.134	<.692
2	410956091135601	06-24-98	0929	regular	<.664	<.384	<.448	<.128	<.536	<2.77
3	411622091193401	06-24-98	1214	do.	<.166	<.096	<.112	<.032	<.134	<.692
4	412136091270501	06-25-98	0859	do.	<.166	<.096	<.112	<.032	<.134	<.692
5	412711091122401	06-15-98	0944	do.	<.112	<.096	<.112	<.032	<.134	<.692
			0949	replicate	<.112	<.096	<.112	<.032	<.134	<.692
6	412748091285101	06-16-98	1129	regular	<.448	<.384	<.448	<.128	<.536	<2.77
7	412808091345001	06-17-98	0914	do.	<.112	<.096	<.112	<.032	<.134	<.692
8	412831091205601	06-16-98	0859	do.	<.112	<.096	<.112	<.032	<.134	<.692
9	412916091405101	06-17-98	1124	do.	<.112	<.096	<.112	<.032	<.134	<.692
10	413338091045601	07-16-98	0929	do.	<.166	<.096	<.112	<.032	<.134	<.692
11	413438091341201	06-10-98	0945	do.	<.112	<.096	<.112	<.032	<.134	<.692
12	413523092050501	06-22-98	0939	blank	<.112	<.096	<.112	<.032	<.134	<.692
			0959	regular	<.112	<.096	<.112	<.032	<.134	<.692
13	413634091484301	06-18-98	0914	do.	<.448	<.384	<.448	<.128	<.536	<2.77
14	413705091392701	06-11-98	1000	do.	<.112	<.096	<.112	<.032	<.134	<.692
15	414036090460001	06-23-98	1214	do.	<.112	<.096	<.112	<.032	<.134	<.692
16	414430093220001	07-14-98	1229	do.	<.166	<.096	<.112	<.032	<.134	<.692
17	414914092024001	07-15-98	1044	do.	<.166	<.096	<.112	<.032	<.134	<.692
18	414944090470901	07-09-98	1138	blank	<.166	<.096	<.112	<.032	<.134	<.692
			1139	do.	<.166	<.096	<.112	<.032	<.134	<.692
			1159	regular	<.332	<.192	<.224	<.064	<.268	<1.38
19	415053093282401	07-14-98	0859	do.	<.166	<.096	<.112	<.032	<.134	<.692
20	415057093304801	07-13-98	1114	do.	<.166	<.096	<.112	<.032	<.134	<.692
21	415139092190801	06-30-98	0909	do.	<.166	<.096	<.112	<.032	<.134	<.692
			0914	replicate	<.166	<.096	<.112	<.032	<.134	<.692

Table 32. Concentrations of volatile organic compounds in samples from alluvial study-unit survey wells, 1998—Continued

Map-index number (fig. 3)	Well identification	Date (month-day- year)	Time (24-hour)	Type of sample	tert-Butyl methyl ether (78032)	tert-Butyl- benzene (77353)	tert-Pentyl methyl ether (50005)	trans-1,2- Dichloro- ethylene (34546)	trans-1,3- Dichloro- propene (34699)	trans-1,4- Dichloro-2- butene (73547)
22	415147092115301	06-30-98	1229	regular	<0.166	<0.096	<0.112	<0.032	<0.134	<0.692
23	415637091581001	06-30-98	0914	do.	<.166	<.096	<.112	<.032	<.134	<.692
24	415859090563901	06-23-98	1214	do.	<.448	<.384	<.448	<.128	<.536	<2.77
25	421657092081801	07-06-98	1124	do.	<.664	<.384	<.448	<.128	<.536	<2.77
26	422555092135201	07-01-98	1014	do.	<.166	<.096	<.112	<.032	<.134	<.692
27	423208091562101	07-08-98	1114	do.	<.166	<.096	<.112	<.032	<.134	<.692
28	423409092283001	07-07-98	0844	do.	<.166	<.096	<.112	<.032	<.134	<.692
29	423749092260801	07-07-98	1239	do.	<.166	<.096	<.112	<.032	<.134	<.692
30	430255093083301	07-21-98	1329	do.	<.166	<.096	<.112	<.032	<.134	<.692
31	430549092272301	07-21-98	0944	do.	<.166	<.096	<.112	<.032	<.134	<.692
32	434556093003501	07-20-98	1144	do.	<.664	<.384	<.448	<.128	<.536	<2.77