

Table 18. Nutrient and dissolved organic carbon concentrations in samples from land-use wells, 1997

[mg/L, milligrams 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. 2)	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)	Ortho-phosphorus, total (mg/L as P) (00671)	Dissolved organic carbon (mg/L) (00681)
Agricultural land-use wells											
1	405405091335001	07-02-97	1000	regular	<0.02	<0.01	<0.20	15	0.12	0.12	1.3
2	405601091551901	07-10-97	1210	do.	<.02	<.01	<.20	6.2	<.01	.01	.6
3	411511091155101	06-24-97	0900	do.	<.02	<.01	<.20	22	.04	.02	.4
4	411843092105101	07-14-97	1030	do.	<.02	<.01	<.20	1.1	.07	.08	.7
5	412755091114101	06-25-97	0830	do.	.33	<.01	.33	.10	.08	.03	1.7
6	412927092575201	07-14-97	1430	do.	<.02	<.01	<.20	23	.16	.15	.9
7	413248092011301	07-07-97	1050	do.	<.02	<.01	<.20	27	.03	.04	.5
8	413540091341201	06-10-97	1215	do.	.02	<.01	<.20	.34	<.01	.02	1.0
9	414208092312601	07-09-97	1150	do.	<.02	<.01	<.20	5.1	<.01	.02	.6
10	414912093284201	07-15-97	0850	do.	.04	.01	<.20	<.05	.01	<.01	3.4
11	414958090230301	06-12-97	1005	do.	<.02	.34	<.20	4.4	<.01	.01	1.8
12	415527092190301	07-17-97	0850	do.	<.02	<.01	<.20	4.0	<.01	.02	10
13	420117092505601	07-09-97	0850	do.	<.02	.99	<.20	1.2	<.01	.01	.7
14	421115091250501	07-24-97	0910	do.	<.02	<.01	<.20	20.	.08	.09	.6
15	421705092142501	07-22-97	1250	do.	<.02	<.01	<.20	13	.03	.05	.9
16	422518092144701	07-22-97	0930	do.	<.02	.02	<.20	3.6	.06	.07	1.5
17	422629092345001	07-23-97	1140	blank	<.02	<.01	<.20	<.05	<.01	<.01	--
			1200	regular	<.02	<.01	<.20	31	.12	.12	.8
18	423419093172401	07-08-97	0950	do.	.07	<.01	.29	.05	<.01	<.01	1.8
19	423557091560501	08-27-97	0920	do.	.30	<.01	.42	<.05	.13	.14	1.7
20	423639092350901	06-17-97	1450	do.	<.02	<.01	<.20	12	.02	.03	3.1
21	424203092551301	07-31-97	1230	do.	<.02	<.01	<.20	6.1	.02	.03	1.0
22	424548092101701	08-26-97	0910	do.	.02	<.01	<.20	32.	<.01	.01	1.3

Table 18. Nutrient and dissolved organic carbon concentrations in samples from land-use wells, 1997—Continued

Map-index number (fig. 2)	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)	Ortho-phosphorus, total (mg/L as P) (00671)	Dissolved organic carbon (mg/L) (00681)
Agricultural land-use wells—Continued											
23	425401093135201	07-31-97	0850	regular	<0.02	<0.01	<0.20	8.5	0.02	0.04	1.4
24	425756092162401	08-21-97	1210	do.	<.02	<.01	<.20	10	<.01	.01	.6
25	430159093403201	07-29-97	0930	do.	.97	<.01	1.3	.11	.04	.05	2.0
26	430525093023501	07-30-97	1320	do.	.02	<.01	<.20	4.0	.05	.02	1.0
27	431222093313301	07-29-97	1250	do.	<.02	<.01	<.20	18	.03	.05	.6
28	431339093155901	07-30-97	0930	do.	<.02	.08	<.20	17	.02	.02	1.1
29	432946093161901	08-18-97	1350	do.	.02	<.01	<.20	.41	.11	.13	1.8
30	433815093000001	08-04-97	1240	do.	.06	<.01	.26	.06	.01	.02	2.5
31	435221093001901	08-05-97	0930	do.	.02	<.01	<.20	3.4	.04	.05	1.2
Urban land-use wells											
32	412855091421601	06-26-97	0810	blank	.02	<.01	<.20	<.05	<.01	<.01	3.8
		07-10-97	0840	regular	.14	<.01	<.20	<.05	.03	.04	1.7
33	413414091095501	06-25-97	1110	do.	.02	<.01	<.20	7.5	.11	.12	1.6
34	413823091322301	06-09-97	1150	do.	<.02	<.01	<.20	1.3	.06	.03	.9
35	413933091304701	06-05-97	0935	do.	.13	<.01	<.20	.11	<.01	<.01	.9
36	414435090465101	06-23-97	0955	do.	.02	.01	<.20	3.2	<.01	<.01	1.3
			1000	replicate	<.02	.01	<.20	3.5	<.01	<.01	1.2
37	415825091405601	07-17-97	1230	regular	.21	<.01	.23	<.05	<.01	.01	2.4
38	415827091392401	06-30-97	0930	do.	<.02	<.01	<.20	9.0	.06	.07	1.5
39	415850090572201	06-11-97	1310	blank	<.02	<.01	<.20	<.05	<.01	<.01	.7
			1330	regular	<.02	.01	<.20	3.5	.07	.09	6.3
40	420219093361301	07-15-97	1200	do.	.15	.01	<.20	<.05	<.01	<.01	1.8
41	420240092535001	07-16-97	0900	do.	.08	<.01	<.20	<.05	<.01	.01	4.3
42	420347092541601	07-16-97	1210	do.	.18	<.01	<.20	1.6	<.01	.02	1.8
			1215	replicate	.18	<.01	<.20	.06	<.01	.02	1.9

Table 18. Nutrient and dissolved organic carbon concentrations in samples from land-use wells, 1997—Continued

Map-index number (fig. 2)	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)	Ortho-phosphorus, total (mg/L as P) (00671)	Dissolved organic carbon (mg/L) (00681)
Urban land-use wells—Continued											
43	420936092005701	07-21-97	1220	regular	0.10	<0.01	<0.20	<0.05	<0.01	<0.01	1.1
44	421012092020101	07-21-97	0940	do.	.38	<.01	.45	.06	<.01	.02	3.3
45	422426092272401	06-19-97	0940	do.	.03	<.01	<.20	.93	.01	.01	9.7
46	422754092375301	07-23-97	0900	do.	<.02	<.01	<.20	2.1	.01	.02	1.3
47	422913092192501	06-18-97	0920	do.	<.02	.01	<.20	.21	<.01	.01	3.6
48	422918092183901	06-18-97	1255	do.	.16	.15	.28	6.9	<.01	.02	2.8
49	423018092200901	08-26-97	1310	do.	.02	<.01	<.20	2.5	.02	.02	.8
50	423459092523701	07-28-97	1050	do.	<.02	<.01	<.20	2.3	.03	.02	1.2
51	423459092530501	07-28-97	1340	do.	<.02	<.01	.25	9.1	.07	.02	1.3
52	423930093294901	07-08-97	1440	do.	<.02	<.01	<.20	4.3	.05	.05	1.1
53	424034091553401	08-27-97	1640	do.	.20	.07	.43	9.5	.02	.02	1.7
54	424322092283901	06-17-97	0935	do.	.22	<.01	<.20	.06	<.01	.02	4.2
55	430414092405801	08-21-97	0830	do.	<.02	<.01	<.20	2.7	.04	.05	.7
56	430442092402201	08-19-97	0930	do.	.02	.02	<.20	6.9	.02	.04	1.2
57	431438092262201	08-20-97	0900	do.	.02	<.01	<.20	8.3	.01	.03	1.6
58	433855093222401	08-06-97	1130	do.	1.01	<.01	1.6	<.05	.07	.09	6.7
59	433944092583501	08-05-97	1140	do.	.02	<.01	<.20	3.0	.05	.05	1.1
60	434003092575401	08-06-97	0830	do.	.31	<.01	.50	<.05	.02	.02	2.9
61	434023093214201	08-07-97	0900	do.	.03	.01	.28	1.3	<.01	.03	2.4
			0905	replicate	.03	.01	.31	1.3	.03	.02	2.0