

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998

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

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05420680, Wapsipinicon River near Tripoli, IA (site 1, fig. 1)													
10-09-96	1043	regular	<0.003	<0.002	<0.002	0.093	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004
11-06-96	1058	blank	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
11-06-96	1118	regular	<.003	.021	.018	.105	<.001	<.002	<.002	<.003	<.003	<.004	.006
12-04-96	1011	do.	<.003	.018	.029	.110	<.001	<.002	<.002	<.003	<.003	<.004	.005
01-08-97	1103	do.	<.003	.017	.031	.120	<.001	<.002	<.002	<.003	<.003	<.004	.005
01-08-97	1108	replicate	<.003	.018	.030	.122	<.001	<.002	<.002	<.003	<.003	<.004	.008
02-05-97	1105	regular	<.003	E.004	.029	.078	<.001	<.002	<.002	<.003	<.003	<.004	<.004
03-17-97	1305	do.	<.003	.039	.017	.166	<.001	<.002	<.002	<.003	<.003	<.004	.016
05-05-97	1044	do.	<.003	1.90	.231	.805	<.001	<.002	<.002	<.003	<.003	<.004	.309
04-02-98	1443	do.	<.003	.029	.015	.121	<.001	<.002	<.002	<.003	<.003	<.004	.010
05-06-98	1249	do.	<.003	.122	.022	.143	<.001	<.002	<.002	<.003	<.003	<.004	.015
05-27-98	1335	do.	<.003	.392	.123	1.47	<.001	<.002	<.002	<.003	E.058	<.008	.180
06-03-98	1450	do.	<.003	.228	.102	3.48	<.001	<.002	<.002	<.003	E.350	<.004	.201
06-20-98	1030	do.	<.003	.403	.160	8.56	<.001	<.002	<.002	<.003	E.302	.022	.653
07-08-98	1315	do.	<.003	.028	.023	.656	<.001	<.002	<.002	<.003	<.003	<.004	.027
08-05-98	1231	do.	<.003	.009	.009	.159	<.001	<.002	<.002	<.003	<.003	<.004	<.004
08-05-98	1241	spike	.0774	.139	.140	.298	E.285	.114	.119	E.603	E.313	.105	.174
09-02-98	1308	regular	<.003	.022	.018	.220	<.001	<.002	<.002	<.003	<.003	<.004	.015
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)													
10-15-96	1120	regular	<.003	<.002	.053	.157	<.001	<.002	<.002	<.003	<.003	<.004	<.004
11-13-96	0946	do.	<.003	.033	.018	.148	<.001	<.002	<.002	<.003	<.003	<.004	.022
12-09-96	0924	do.	<.003	.009	.012	.109	<.001	<.002	<.002	<.003	<.003	<.004	.008
01-13-97	1025	do.	<.003	.053	.021	.189	<.001	<.002	<.002	<.003	<.003	<.004	.012
02-11-97	1017	do.	<.003	.027	.013	.120	<.001	<.002	<.002	<.003	<.003	<.004	.007

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)—Continued													
03-20-97	0920	regular	<0.003	0.054	0.041	0.184	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	0.018
05-06-97	0937	do.	<.003	2.30	.040	1.52	<.001	<.002	<.002	<.003	E.044	<.004	.340
04-02-98	0900	do.	<.003	.021	.014	.144	<.001	<.002	<.002	<.003	<.003	<.004	.018
05-06-98	0925	do.	<.003	.080	.008	.119	<.001	<.002	<.002	<.003	<.003	<.004	.009
06-03-98	0915	do.	<.003	1.58	.084	8.19	<.001	<.002	<.002	<.003	E.468	<.020	.626
06-17-98	1300	do.	<.003	.685	.066	5.96	<.001	<.002	<.002	<.003	E.456	<.020	.444
07-09-98	0855	do.	<.003	.058	.020	1.53	<.001	<.002	<.002	<.003	E.046	<.004	.079
08-06-98	0900	do.	<.003	<.002	<.002	.292	<.001	<.002	<.002	<.003	<.003	<.004	<.004
09-02-98	0915	do.	<.003	.020	.007	.275	<.001	<.002	<.002	<.003	<.020	<.004	.022
09-02-98	0925	spike	<.003	3.64	3.37	3.88	<.001	<.002	3.43	E5.48	E4.56	<.004	2.71
05449500, Iowa River near Rowan, IA (site 3, fig. 1)													
10-08-96	1010	regular	<.003	<.002	<.002	.047	<.001	<.002	<.002	<.003	<.003	<.004	<.004
10-08-96	1015	replicate	<.003	<.002	<.002	.047	<.001	<.002	<.002	<.003	<.003	<.004	<.004
11-05-96	0935	regular	<.003	.006	<.002	.070	<.001	<.002	<.002	<.003	<.003	<.004	<.004
12-03-96	0928	do.	<.003	E.003	<.002	.054	<.001	<.002	<.002	<.003	<.003	<.004	<.004
01-09-97	0950	do.	<.003	.014	E.004	.054	<.001	<.002	<.002	<.003	<.003	<.004	<.004
02-04-97	1015	do.	<.003	.019	.007	.053	<.001	<.002	<.002	<.003	<.003	<.004	<.004
03-11-97	0950	do.	<.003	.077	.012	.215	<.001	<.002	<.002	<.003	<.003	<.004	<.004
03-18-97	0856	do.	<.003	.0489	.009	.261	<.001	<.002	<.002	<.003	<.003	<.004	<.004
03-25-97	0908	do.	<.003	.030	.009	.186	<.001	<.002	<.002	<.003	<.010	<.004	.009
04-03-97	0847	do.	<.003	.012	.006	.082	<.001	<.002	<.002	<.003	<.003	<.004	<.004
04-09-97	0854	do.	<.003	<.002	<.002	.068	<.001	<.002	<.002	<.003	<.003	<.004	<.004
04-15-97	0925	do.	<.003	.004	.005	.050	<.001	<.002	<.002	<.003	<.003	<.004	.006
04-22-97	0944	do.	<.003	.169	.126	.064	<.001	<.002	<.002	<.003	<.003	<.004	<.004
04-22-97	0954	spike	.100	.262	.228	.158	E.112	.096	.102	E.240	E.135	.093	.105
04-22-97	0955	do.	.103	.257	.221	.158	E.114	.089	.104	E.253	E.145	.090	.107
04-29-97	0913	regular	<.003	.053	E.004	.064	<.001	<.002	<.002	<.003	<.003	<.004	.008

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued													
05-03-97	1046	regular	<0.003	0.567	0.007	0.126	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	0.039
05-13-97	0951	do.	<.003	.073	.005	.067	<.001	<.002	<.002	<.003	<.003	<.004	.014
05-20-97	0853	do.	<.003	.592	.017	.146	<.001	<.002	<.002	<.003	<.003	E.002	.015
05-28-97	0933	do.	<.003	.038	.007	.054	<.001	<.002	<.002	<.003	<.003	<.004	.009
05-28-97	0943	spike	.102	.142	.111	.162	E.205	.0732	.098	E.264	E.143	.089	.088
06-04-97	0921	regular	E.001	.018	.005	.082	<.001	<.002	<.002	<.003	<.003	<.004	.008
06-10-97	0919	do.	<.003	.015	.004	.262	<.001	<.002	<.002	<.003	<.003	<.004	.006
06-17-97	0858	do.	<.003	.021	.014	1.22	<.001	<.002	<.002	<.003	<.003	<.004	<.004
06-23-97	1156	do.	<.003	.258	.559	6.70	<.001	<.002	<.002	<.003	E.032	<.004	.142
07-01-97	0905	do.	<.003	.079	.035	.895	<.001	<.002	<.002	<.003	<.003	<.004	<.004
07-15-97	0850	do.	<.003	.070	.013	.410	<.001	<.002	<.002	<.003	<.003	<.004	.013
07-29-97	0900	do.	<.003	.007	.005	.325	<.001	<.002	<.002	<.003	<.003	<.004	.006
08-11-97	1200	do.	<.003	<.002	<.002	.053	<.001	<.002	<.002	<.003	<.003	<.004	<.004
08-26-97	0837	do.	<.003	.023	.009	.498	<.001	<.002	<.002	<.003	<.003	<.004	<.004
08-26-97	0847	spike	<.003	3.01	5.76	10.4	<.001	<.002	2.06	E1.28	E1.45	<.004	3.02
09-11-97	1005	regular	<.003	.005	E.004	.040	<.001	<.002	<.002	<.003	<.003	<.004	<.004
09-25-97	0852	do.	E.001	<.002	E.003	.027	<.001	<.002	<.002	<.003	<.003	<.004	<.004
10-08-97	0928	blank	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
10-08-97	0948	regular	<.003	<.002	E.003	.025	<.001	<.002	<.002	<.003	<.003	<.004	<.004
10-20-97	1134	do.	<.003	.007	E.002	.047	<.001	<.002	<.002	<.003	<.003	<.004	<.004
11-05-97	0857	do.	<.003	.005	<.002	.026	<.020	<.002	<.002	<.003	<.003	<.004	<.004
11-17-97	1134	do.	<.003	<.002	<.002	.026	<.001	<.002	<.002	<.003	<.003	<.004	<.004
12-02-97	0908	do.	E.001	.007	E.004	.023	<.001	<.002	<.002	<.003	<.003	<.004	<.004
01-06-98	0919	do.	<.003	.007	<.002	.027	<.100	<.002	<.002	<.003	<.003	<.004	<.004
01-06-98	0929	spike	.068	.112	.113	.129	E.262	.077	.096	E.165	E.150	.079	.110
02-18-98	0924	regular	<.003	.130	.023	.144	<.001	<.002	<.002	<.003	<.0200	<.004	<.004

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued													
03-12-98	0926	regular	<0.003	0.006	<0.002	0.041	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004
03-31-98	0922	do.	<.003	.009	.007	.069	<.001	<.002	<.002	<.003	<.003	<.004	.004
05-05-98	0922	do.	<.003	.109	.007	.060	<.001	<.002	<.002	<.003	<.003	<.004	.008
06-02-98	0904	do.	<.003	.055	.008	.467	<.001	<.002	<.002	<.003	E.012	<.004	.011
06-13-98	0928	do.	<.003	.110	.007	.387	<.001	<.002	<.002	<.003	E.038	<.004	.016
06-23-98	0848	do.	<.003	.921	.064	3.97	<.001	<.002	<.002	<.003	E.089	<.004	.099
07-07-98	0900	do.	<.003	.027	.012	.549	<.001	<.002	<.002	<.003	<.003	<.004	<.004
07-07-98	0905	replicate	<.003	.026	.012	.579	<.001	<.002	<.002	<.003	<.003	<.004	<.004
08-04-98	0903	regular	<.003	.007	<.002	.073	<.001	<.002	<.002	<.003	<.003	<.004	<.004
09-01-98	0944	do.	<.003	.007	E.002	.092	<.001	<.002	<.002	<.003	<.003	<.004	<.004
05449600, Wheeler Creek near Rowan, IA (site f, fig. 1)													
09-10-98	1030	regular	<.003	<.002	<.002	.039	<.001	<.002	<.002	<.003	<.003	<.004	.017
05451210, South Fork Iowa River northeast of New Providence, IA (site 4, fig. 1)													
10-07-96	1215	regular	<.003	.022	<.002	.091	<.001	<.002	<.002	<.003	<.003	<.004	.005
11-04-96	1210	do.	<.003	.022	E.004	.114	<.001	<.002	<.002	<.003	<.003	<.004	E.004
11-04-96	1220	spike	.102	.135	.132	.229	E.204	.105	.110	E.294	E.234	.107	.136
12-02-96	1155	regular	<.003	.020	E.004	.086	<.001	<.002	<.002	<.003	<.003	<.004	<.004
01-06-97	1133	do.	<.003	.106	.010	.183	<.001	<.002	<.002	<.0150	<.010	<.004	<.004
02-03-97	1108	do.	<.003	.040	.008	.145	<.001	<.002	<.002	<.003	<.003	<.004	<.004
03-10-97	1155	do.	<.003	.042	.008	.217	<.001	<.002	<.002	<.003	<.003	<.004	.008
03-10-97	1200	replicate	<.003	.045	.007	.218	<.001	<.002	<.002	<.003	<.003	<.004	.010
03-30-98	1113	regular	E.001	.024	.007	.325	<.001	<.002	<.002	<.003	<.003	<.004	.004
03-30-98	1118	replicate	<.003	.025	.008	.346	<.001	<.002	<.002	<.003	<.003	<.004	.005
04-01-98	1033	regular	<.003	.046	.016	.222	<.001	<.002	<.002	<.003	<.003	<.004	.007
05-04-98	1120	do.	<.003	.166	<.002	.072	<.001	<.002	<.002	<.003	<.003	<.004	.005
05-29-98	1246	do.	<.003	.915	.029	13.5	<.001	<.002	<.002	<.003	E.095	<.004	<.040
06-01-98	1318	do.	<.003	.319	.013	1.98	<.001	<.002	<.002	<.003	E.060	<.004	.080
06-12-98	1155	do.	<.003	.212	.018	2.92	<.001	<.002	<.002	<.003	E.159	<.004	.024

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05451210, South Fork Iowa River northeast of New Providence, IA (site 4, fig. 1)—Continued													
07-06-98	1213	regular	<0.003	0.067	0.008	1.08	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	0.013
08-03-98	1046	do.	<.003	<.002	<.002	.278	<.001	<.002	<.002	<.003	<.003	<.004	<.004
08-31-98	1102	do.	<.003	.011	.005	.213	<.001	<.002	<.002	<.003	<.003	<.004	<.004
05453100, Iowa River at Marengo, IA (site 5, fig. 1)													
10-16-96	0939	regular	<.003	<.002	<.002	.097	<.001	<.002	<.002	<.003	<.003	<.004	.024
11-14-96	0925	do.	<.003	.006	.006	.110	<.001	<.002	<.002	<.003	<.003	<.004	.013
11-14-96	0935	spike	.097	.117	.128	.227	E.174	.111	.107	E.266	E.196	.109	.144
12-10-96	0935	regular	<.003	.005	<.002	.091	<.001	<.002	<.002	<.003	<.003	<.004	.012
01-14-97	1200	do.	<.003	.068	<.002	.114	<.001	<.002	<.002	<.003	<.003	<.004	.009
02-13-97	0949	do.	<.003	.017	E.003	.088	<.001	<.002	<.002	<.003	<.003	<.004	.012
03-19-97	0955	do.	<.003	.036	.008	.154	<.001	<.002	<.002	<.003	<.003	<.004	.009
03-19-97	1005	spike	.096	.145	.122	.266	E.229	.100	.117	E.272	E.189	.114	.100
05-06-97	0914	regular	<.003	.806	.033	.387	<.001	<.002	<.002	<.003	<.003	<.004	.074
04-02-98	1355	do.	<.003	.018	.005	.117	<.001	<.002	<.002	<.003	<.003	<.004	.012
05-08-98	0843	do.	<.003	.363	.005	.856	<.001	<.002	<.002	<.003	<.003	<.004	.258
06-05-98	0900	do.	<.003	.086	.004	.985	<.001	<.002	<.002	<.003	<.003	<.004	.024
06-13-98	0946	do.	<.003	.826	.026	7.61	<.001	<.002	<.002	<.003	E.445	E.029	.471
06-26-98	0922	do.	<.003	.245	.053	3.41	<.001	<.002	<.002	<.003	E.077	<.010	.147
07-07-98	0920	do.	<.003	.060	.009	1.42	<.001	<.002	<.002	<.003	<.003	<.004	.027
08-07-98	0900	do.	<.003	.009	.006	.203	<.001	<.002	<.002	<.003	<.003	<.004	<.004
09-04-98	0850	do.	<.003	<.002	<.002	.142	<.001	<.002	<.002	<.003	<.003	<.004	.006
09-04-98	0855	replicate	<.003	E.003	<.002	.139	<.001	<.002	<.002	<.003	<.003	<.004	<.004
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)													
10-07-96	0948	regular	<.003	.038	<.002	.193	<.001	<.002	<.002	<.003	<.003	<.004	.161
11-12-96	0956	do.	E.001	.012	<.002	.139	<.001	<.002	<.002	<.003	<.003	<.004	.093
12-02-96	0945	do.	<.003	<.002	.004	.128	<.001	<.002	<.002	<.003	<.003	<.004	.034
01-06-97	0938	do.	<.003	.008	.005	.125	<.001	<.002	<.002	<.003	<.003	<.004	.062
02-04-97	0919	do.	<.003	.069	<.002	.386	<.001	<.002	<.002	<.003	<.003	<.004	.140

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)—Continued													
03-10-97	1025	regular	<0.003	0.034	0.015	0.488	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	0.125
05-01-97	0914	do.	<.003	2.20	.022	3.67	<.001	<.002	<.002	<.003	<.003	<.004	1.93
03-31-98	1245	do.	<.003	.012	.007	.134	<.001	<.002	<.002	<.003	<.003	E.004	.056
05-05-98	1343	do.	<.003	.019	.006	.134	<.001	<.002	<.002	<.003	<.003	<.004	.014
06-02-98	1325	do.	<.003	.046	.008	.396	<.001	<.002	<.002	<.003	<.003	<.004	.059
06-10-98	0826	do.	<.003	.849	.296	4.17	<.001	<.002	<.002	<.003	E.032	<.004	.916
06-30-98	1239	do.	<.003	.451	.045	4.04	<.001	<.002	<.002	<.003	E.039	.018	.721
07-10-98	0745	do.	<.003	.010	<.002	.347	<.001	<.002	<.002	<.003	<.003	<.004	.041
07-10-98	0750	replicate	<.003	.009	<.002	.344	<.001	<.002	<.002	<.003	<.003	<.004	.037
08-05-98	0810	regular	<.003	<.002	<.002	.139	<.001	<.002	<.002	E.057	<.003	<.004	<.010
08-05-98	0812	spike	.072	.135	.137	.274	E.266	.102	.110	E.576	E.273	.108	.134
08-05-98	0813	do.	<.003	3.91	4.27	3.94	<.001	<.002	3.50	E7.87	E4.40	<.004	2.69
08-05-98	0814	do.	<.003	7.35	8.81	7.61	<.001	<.002	6.70	E6.64	E6.45	<.004	4.71
09-01-98	1300	regular	<.003	E.002	<.002	.149	<.001	<.002	<.002	<.003	<.003	<.004	.016
05455570, English River at Riverside, IA (site i, fig. 1)													
10-07-96	0825	regular	<.003	.022	<.002	.159	<.001	<.002	<.002	<.003	<.003	<.004	.046
11-04-96	0810	do.	<.003	.088	.009	.364	<.001	<.002	<.002	<.003	<.003	<.010	.217
12-06-96	0900	do.	<.003	.029	<.002	.176	<.001	<.002	<.002	<.003	<.003	<.004	.086
01-02-97	0955	do.	<.003	<.002	<.002	.105	<.001	<.002	<.002	<.003	<.003	<.004	.023
02-06-97	0825	do.	<.003	.051	<.002	.395	<.001	<.002	<.002	<.003	<.003	<.004	.106
03-20-97	1015	do.	<.003	.011	<.002	.132	<.001	<.002	<.002	<.003	<.003	<.004	.051
04-10-97	0850	do.	<.003	.017	E.004	.223	<.001	<.002	<.002	<.003	<.003	<.004	.282
05-06-97	1515	do.	<.003	.198	.008	.958	<.001	<.002	<.002	<.003	<.003	E.004	.388
06-05-97	0855	do.	<.003	.088	.010	1.17	<.001	<.002	<.002	<.003	E.017	<.004	.406
07-14-97	0920	do.	<.003	<.002	<.002	.471	<.001	<.002	<.002	<.003	<.003	.006	.054
09-04-97	0845	do.	<.003	.018	<.002	.177	<.001	<.002	<.002	<.050	<.003	<.004	.072
10-07-97	0935	do.	E.001	<.002	<.020	.078	<.001	<.002	<.002	<.003	<.003	<.004	.025

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05455570, English River at Riverside, IA (site i, fig. 1)—Continued													
11-06-97	1410	regular	<0.003	0.005	<0.002	0.137	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	0.023
12-01-97	0935	do.	<.003	<.002	<.002	.095	<.001	<.002	<.002	<.010	<.010	<.004	.022
01-08-98	0915	do.	<.003	<.002	<.002	.112	<.001	<.002	<.002	<.003	<.003	<.004	.025
02-05-98	0910	do.	<.003	.007	<.002	.100	<.001	<.002	<.002	<.003	<.003	<.004	.028
03-03-98	0835	do.	<.003	.005	<.002	.081	<.001	<.002	<.002	<.003	<.003	<.004	.018
04-07-98	0850	do.	<.003	<.002	<.002	.079	<.001	<.002	<.002	<.003	<.003	<.004	.009
05-05-98	1415	do.	<.003	.038	E.003	.314	<.001	<.002	<.002	<.003	<.003	<.004	.080
06-02-98	0855	do.	<.003	.133	.005	1.46	<.001	<.002	.009	<.003	<.003	<.010	.252
07-08-98	1000	do.	<.003	.100	.004	.980	<.001	<.002	<.002	<.003	E.021	<.010	.084
08-04-98	0900	do.	<.003	<.002	<.002	.241	<.001	<.002	<.002	<.003	<.003	<.004	.029
05457750, Cedar River near Carville, IA (site k, fig. 1)													
10-17-96	1010	regular	<.003	<.002	<.002	.054	<.001	<.002	<.002	<.003	<.003	<.004	<.004
11-06-96	0915	do.	<.003	.015	<.002	.065	<.001	<.002	<.002	<.003	<.003	<.004	.007
12-19-96	1015	do.	<.003	<.002	<.002	.069	<.001	<.002	<.002	<.003	<.003	<.004	<.004
01-21-97	1130	do.	<.003	<.002	<.002	.062	<.001	<.002	<.002	<.003	<.003	<.004	<.004
02-17-97	1120	do.	<.003	<.002	<.002	.097	<.001	<.002	<.002	<.003	<.003	<.004	<.004
03-05-97	0805	do.	<.003	.021	.005	.073	<.001	<.002	<.002	<.003	<.003	<.004	<.004
04-22-97	0950	do.	<.003	.023	.008	.054	<.001	<.002	<.002	<.003	<.003	<.004	.008
05-01-97	0900	do.	<.003	.166	.011	.104	<.001	<.002	<.002	<.003	<.003	<.004	.014
07-17-97	1115	do.	<.003	.080	.111	.977	<.001	<.002	<.002	<.003	<.003	<.004	.154
09-16-97	0920	do.	<.003	<.002	<.002	.065	<.001	<.002	<.002	<.003	<.003	<.004	<.004
10-23-97	0840	do.	<.003	<.002	.004	.088	<.001	<.002	<.002	<.003	<.003	<.004	<.004
11-13-97	1055	do.	<.003	<.002	<.002	.056	<.001	<.002	<.002	<.003	<.003	<.004	.011
12-11-97	1020	do.	<.003	<.002	<.002	.062	<.001	<.002	<.002	<.003	<.003	<.004	<.004
01-28-98	1010	do.	<.003	<.002	<.002	.037	<.001	<.002	<.002	<.003	<.003	<.004	<.004
02-17-98	1010	do.	<.003	.032	.006	.048	<.001	<.002	<.002	<.003	<.003	<.004	<.004
03-26-98	0730	do.	<.003	.010	.005	.076	<.001	<.002	<.002	<.003	<.003	<.004	.005

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05457750, Cedar River near Carville, IA (site k, fig. 1)—Continued													
04-09-98	0830	regular	<0.003	0.032	0.008	0.075	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	0.005
06-09-98	1020	do.	<.003	.025	.005	.155	<.001	<.002	<.002	<.003	<.003	<.004	E.012
07-09-98	1015	do.	<.003	.033	.011	.300	<.001	<.002	<.002	<.003	<.003	<.004	.051
08-11-98	1035	do.	<.003	.035	.015	.124	<.001	<.002	<.002	<.003	<.003	<.004	<.004
09-14-98	1230	do.	<.003	<.002	<.002	.062	<.001	<.002	<.002	<.003	<.003	<.004	<.004
05458870, Maynes Creek near Kesley, IA (site m, fig. 1)													
09-09-98	0957	regular	<.003	<.002	<.002	.103	<.001	<.002	<.002	<.003	<.003	<.004	<.004
05458900, West Fork Cedar River near Finchford, IA (site n, fig. 1)													
10-17-96	0840	regular	<.003	<.002	<.002	.053	<.001	<.002	<.002	<.003	<.003	<.004	<.004
11-06-96	0815	do.	E.002	.038	.027	.096	<.001	<.002	<.002	<.003	E.067	<.004	.008
12-19-96	0910	do.	<.003	.008	.005	.079	<.001	<.002	<.002	<.003	<.003	<.004	<.004
01-21-97	0955	do.	E.003	.011	.004	.065	<.001	<.002	<.002	<.003	<.003	<.004	<.004
02-17-97	0930	do.	E.003	.006	.004	.053	<.001	<.002	E.002	<.003	<.003	<.004	<.004
03-05-97	1300	do.	<.003	.092	.032	.175	<.001	<.002	<.002	<.003	<.003	<.004	.023
05-01-97	0755	do.	E.002	7.62	.102	3.36	<.001	<.002	E.001	<.003	<.003	<.004	.150
07-17-97	0950	do.	<.003	.015	.005	.477	<.001	<.002	<.002	<.003	<.010	<.004	.016
09-16-97	0805	do.	E.003	<.002	<.002	.104	<.001	<.002	<.002	<.003	<.003	<.004	<.004
10-22-97	1100	do.	E.002	.007	<.002	.087	<.001	<.002	<.002	<.003	<.003	<.004	<.010
11-13-97	0920	do.	E.003	<.002	<.002	.065	<.001	<.002	<.002	<.003	<.003	<.004	<.004
12-11-97	1120	do.	E.002	<.002	E.003	.068	<.001	<.002	<.002	<.003	<.003	<.004	<.004
01-28-98	1125	do.	E.003	<.002	E.004	.053	<.001	<.002	<.002	<.003	<.003	<.004	<.004
02-17-98	0900	do.	<.003	.053	.009	.099	<.001	<.002	<.002	<.003	<.010	<.004	.014
03-26-98	1220	do.	<.003	.026	.004	.064	<.001	<.002	<.002	<.003	<.003	<.004	.006
04-09-98	1045	do.	E.002	.029	.010	.105	<.010	<.002	<.002	<.003	<.003	<.004	.006
06-09-98	0855	do.	E.001	.046	E.003	.228	<.001	<.002	<.002	<.003	E.044	<.004	.016
07-09-98	0900	do.	<.003	.019	.009	.323	<.001	<.002	<.002	<.003	<.003	<.004	.020
08-11-98	0850	do.	<.003	.022	<.002	.250	<.001	<.002	<.002	<.003	<.003	<.004	.007
09-14-98	1050	do.	E.001	E.002	<.002	.075	<.001	<.002	<.002	<.003	<.003	<.004	<.004

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05461390, Flood Creek near Powersville, IA (site 7, fig. 1)													
10-23-96	1107	regular	<0.003	<0.002	<0.002	0.037	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004
12-11-96	1150	do.	<.003	<.002	<.002	.065	<.001	<.002	<.002	<.003	<.003	<.004	<.004
01-14-97	0950	do.	<.003	<.002	<.002	.101	<.001	<.002	<.002	<.003	<.003	<.004	<.004
02-19-97	1050	do.	<.003	<.010	<.002	.056	<.001	<.002	<.002	<.003	<.003	<.004	<.004
03-18-97	1018	do.	<.003	.052	.077	.268	<.001	<.002	<.002	<.003	<.003	<.004	<.004
05-03-97	1053	do.	<.003	2.56	.028	.918	<.001	<.002	E.002	<.003	<.003	<.004	.079
04-02-98	0843	do.	<.003	.042	<.010	.110	<.001	<.002	<.002	<.003	<.003	<.004	.008
05-06-98	0838	do.	<.003	.027	<.002	.110	<.001	<.002	<.002	<.003	<.003	<.004	.006
06-03-98	0906	do.	<.003	.038	.009	.611	<.001	<.002	<.002	<.003	E.036	E.003	.011
07-08-98	0848	do.	<.003	.005	<.002	.330	<.001	<.002	<.002	<.003	<.003	<.004	<.004
08-05-98	0837	do.	<.003	.005	<.002	.168	<.001	<.002	<.002	<.003	<.003	<.004	<.004
08-05-98	0847	spike	.083	.120	.123	.295	E.232	.097	.102	E.426	E.254	.089	.108
09-02-98	0842	regular	<.003	<.002	<.002	.163	<.001	<.002	<.002	<.003	<.003	<.004	<.004
09-02-98	0847	replicate	<.003	<.002	<.002	.162	<.001	<.002	<.002	<.003	<.003	<.004	<.004
05464020, Cedar River at Gilbertville, IA (site 8, fig. 1)													
10-15-96	1120	regular	<.003	<.002	<.002	.067	<.001	<.002	<.002	<.003	<.003	<.004	<.004
11-12-96	1103	do.	<.003	.005	<.002	.075	<.001	<.002	<.002	<.003	<.003	<.004	<.004
12-12-96	1340	do.	<.003	<.002	<.002	.061	<.001	<.002	<.002	<.003	<.003	<.004	<.004
01-15-97	0855	do.	<.003	.011	.004	.084	<.001	<.002	<.002	<.003	<.003	<.004	.005
02-10-97	1015	do.	<.003	.012	E.004	.107	<.001	<.002	<.002	<.003	<.003	<.004	.005
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)													
10-10-96	1047	regular	<.003	<.002	<.002	.099	<.001	<.002	<.002	<.003	<.003	<.004	.011
11-07-96	1018	do.	<.003	.043	.074	.243	<.001	<.002	<.002	<.003	<.003	<.004	.045
12-05-96	0959	do.	<.003	<.002	<.002	.096	<.001	<.002	<.002	<.003	<.003	<.004	.007
01-13-97	1205	do.	<.003	.007	.005	.166	<.001	<.002	<.002	<.003	<.003	<.004	.017
02-06-97	0923	do.	<.003	.047	.013	.197	<.001	<.002	<.002	<.003	<.003	<.004	.029
03-12-97	1035	do.	<.003	.016	.015	.214	<.001	<.002	<.002	<.003	<.003	<.004	.028
03-17-97	0945	do.	<.003	.010	.010	.153	<.001	<.002	<.002	<.003	<.003	<.004	.035

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued													
03-17-97	0955	spike	0.105	0.126	0.127	0.288	E0.132	0.098	0.111	E0.248	E0.171	0.106	0.146
03-24-97	1026	regular	<.003	<.002	.005	.112	<.070	<.002	<.002	<.003	<.003	<.004	.019
04-02-97	1026	do.	<.003	<.002	E.003	.090	<.001	<.002	<.002	<.003	<.003	<.004	.006
04-08-97	1030	do.	<.003	.005	.008	.096	<.001	<.002	<.002	<.003	<.003	<.004	.023
04-14-97	1235	do.	<.003	.008	.009	.088	<.001	<.002	<.002	<.003	<.011	<.004	.016
04-21-97	1028	do.	<.003	<.002	.005	.071	<.001	<.002	<.002	<.003	<.003	<.004	.015
04-28-97	1006	blank	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
04-28-97	1026	regular	<.003	.051	E.004	.185	<.001	<.002	<.002	<.003	<.003	<.004	.036
05-05-97	1015	do.	<.003	.097	.008	.203	<.001	<.002	<.002	<.003	<.003	<.004	.093
05-12-97	1022	do.	<.003	.111	.011	.190	<.001	<.002	<.002	<.003	<.003	<.004	.035
05-19-97	1033	do.	<.003	.046	.004	.147	<.001	<.002	<.002	<.003	<.003	E.002	.028
05-27-97	0936	do.	<.003	.128	.013	.374	<.001	<.002	<.002	<.003	E.016	<.004	.132
06-03-97	1116	do.	<.003	.018	E.004	.144	<.001	<.002	<.002	<.003	<.003	<.004	.020
06-09-97	0946	do.	<.003	.051	.005	.343	<.001	<.002	<.002	<.003	<.003	<.004	.029
06-16-97	0943	do.	<.003	.120	.140	7.88	<.001	<.002	<.002	<.003	<.010	<.004	1.61
06-24-97	0951	do.	<.003	.362	.015	3.34	<.001	<.002	<.002	<.003	E.089	<.010	.204
06-30-97	1022	do.	<.003	.024	.004	.459	<.001	<.002	<.002	<.003	E.009	<.004	.034
07-14-97	0944	do.	<.003	.029	.014	.383	<.001	<.002	<.002	<.003	<.003	E.004	.043
07-28-97	0928	do.	<.003	<.002	<.002	.249	<.001	<.002	<.002	<.003	<.003	<.004	<.004
07-28-97	0933	replicate	<.003	<.002	E.003	.165	<.001	<.002	<.002	<.003	<.003	<.004	.007
08-12-97	0916	regular	<.003	<.002	<.002	.172	<.001	<.002	<.002	<.003	<.003	<.004	.019
08-25-97	1000	do.	<.003	.022	.022	.391	<.001	<.002	<.002	<.003	<.003	<.004	.138
09-09-97	0945	do.	<.003	.009	.013	.132	<.001	<.002	<.002	<.003	<.003	<.004	.035
09-24-97	0940	do.	<.003	.009	.008	.129	<.001	<.002	<.002	<.003	<.003	<.004	.018
10-10-97	0938	do.	<.003	<.010	.005	.134	<.001	<.002	<.002	<.003	<.003	<.004	.009
10-10-97	0943	replicate	<.003	<.010	.004	.138	<.001	<.002	<.002	<.003	<.003	<.004	.009

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued													
10-21-97	0854	regular	<0.003	<0.002	E0.003	0.104	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004
11-07-97	0919	do.	<.003	<.002	E.003	.086	<.001	<.002	<.002	<.003	<.003	<.004	.007
11-18-97	0857	do.	<.003	<.002	<.002	.079	<.001	<.002	<.002	<.003	<.003	<.004	.007
12-04-97	0919	do.	<.003	.382	.005	.190	<.070	<.002	<.002	<.003	<.003	<.004	.041
01-08-98	0910	do.	<.003	.008	.010	.085	<.050	<.002	<.002	<.003	<.003	<.004	.004
02-20-98	0941	do.	<.003	.010	.005	.077	<.001	<.002	<.002	<.003	<.003	<.004	.008
03-18-98	0918	do.	<.003	<.002	<.002	.048	<.001	<.002	<.002	<.003	<.003	<.004	<.004
04-01-98	0945	do.	<.003	.011	.007	.164	<.001	<.002	<.002	<.003	<.003	<.004	.056
05-07-98	0919	do.	<.003	.128	.007	.269	<.001	<.002	<.002	<.003	<.003	<.004	.163
06-04-98	0933	do.	<.003	.055	E.004	.487	<.001	<.002	<.002	<.003	<.003	<.004	.051
06-10-98	1215	do.	<.003	.744	.023	6.22	<.001	<.002	<.002	<.003	E.086	<.004	.570
06-12-98	1238	do.	<.003	1.25	.070	11.1	<.001	<.002	<.002	<.003	E.511	.067	1.36
06-22-98	1415	do.	<.003	1.00	.066	4.50	<.001	<.002	<.002	<.003	E.049	<.004	.874
07-09-98	0924	do.	<.003	.037	.006	.472	<.001	<.002	<.002	<.003	<.003	<.004	.036
08-06-98	0855	do.	<.003	.015	.008	.285	<.001	<.002	<.002	<.003	<.003	<.004	.031
09-03-98	0936	blank	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
09-03-98	0956	regular	<.003	E.003	.006	.129	<.001	<.002	<.002	<.003	<.003	<.004	.008
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)													
10-29-96	1030	regular	<.003	.008	<.002	.108	<.001	<.002	<.002	<.003	<.003	<.004	.011
11-13-96	1013	do.	<.003	.010	.005	.098	<.001	<.002	<.002	<.003	<.003	<.004	.007
12-05-96	1030	do.	<.003	.008	.005	.085	<.001	<.002	<.002	<.003	<.003	<.004	.005
01-22-97	0950	do.	<.003	.016	<.002	.093	<.001	<.002	<.002	<.003	<.003	<.004	<.004
01-22-97	0955	replicate	<.003	.016	<.002	.092	<.001	<.002	<.002	<.003	<.003	<.004	<.004
02-03-97	0938	regular	<.003	.016	.004	.108	<.001	<.002	<.002	<.003	<.003	<.004	.017
03-13-97	0950	do.	<.003	.045	.010	.216	<.001	<.002	<.002	<.003	<.003	<.004	.034
05-07-97	0933	do.	<.003	1.16	.030	.591	<.001	<.002	<.002	<.003	<.003	<.004	.196
04-03-98	0851	do.	<.003	.033	.006	.119	<.001	<.002	<.002	<.003	<.003	<.004	.016

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)—Continued													
05-07-98	0827	regular	<0.003	0.132	0.007	0.255	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	0.022
06-04-98	0900	do.	<.003	.294	.010	1.42	<.001	<.002	<.002	<.003	E.020	<.004	.034
07-06-98	0847	do.	<.003	.137	.027	1.39	<.001	<.002	<.002	<.003	<.003	<.004	.054
08-04-98	1300	do.	<.003	<.002	<.002	.197	<.001	<.002	<.002	<.003	<.003	<.004	<.004
09-03-98	0840	do.	<.003	.011	.016	.496	<.001	<.002	<.002	<.003	<.003	<.004	.009
05465000, Cedar River near Conesville, IA (site 10b, fig. 1)													
10-10-96	1015	regular	<.003	<.002	<.002	.089	<.001	<.002	<.002	<.003	<.003	<.004	<.004
10-10-96	1020	replicate	<.003	<.002	<.002	.091	<.001	<.002	<.002	<.003	<.003	<.004	<.004
10-29-96	0855	regular	<.003	.008	<.002	.105	<.001	<.002	<.002	<.003	<.003	<.004	<.004
05465500 Iowa River at Wapello, IA (site 11, fig. 1)													
10-08-96	1155	regular	<.003	<.002	<.002	.119	<.001	<.002	<.002	<.003	<.003	<.004	.013
11-06-96	1038	do.	<.003	.009	.005	.126	<.001	<.002	<.002	<.003	<.003	<.004	<.004
12-03-96	1040	do.	<.003	.008	.006	.097	<.001	<.002	<.002	<.003	<.003	<.004	.010
01-07-97	1115	do.	<.003	.009	.004	.102	<.001	<.002	.006	<.003	<.003	<.004	.012
02-05-97	1030	do.	<.003	.030	.005	.172	<.001	<.002	<.002	<.003	<.003	<.004	.031
03-11-97	1220	do.	<.003	.041	.009	.183	<.001	<.002	<.002	<.003	<.003	<.004	.038
03-11-97	1225	replicate	<.003	.038	.009	.180	<.001	<.002	<.002	<.003	<.003	<.004	.038
03-20-97	0918	regular	<.003	.045	.011	.173	<.001	<.002	<.002	<.003	<.003	<.004	.017
03-20-97	0928	spike	.088	.140	.114	.280	E.196	.094	.101	E.250	E.180	.097	.107
03-27-97	0941	regular	<.003	<.050	<.050	.150	<.001	<.002	<.002	<.003	<.003	<.004	<.050
03-31-97	0936	do.	<.003	.037	.009	.136	<.001	<.002	<.002	<.003	<.003	<.004	.014
04-10-97	0922	do.	<.003	.009	.008	.098	<.001	<.002	<.002	<.003	<.003	<.004	<.004
04-16-97	0931	do.	<.003	.018	.010	.107	<.001	<.002	<.002	<.003	<.003	<.004	.016
04-23-97	0945	do.	<.003	.009	.006	.074	<.001	<.002	<.002	<.003	<.003	<.004	.017
04-30-97	0956	do.	<.003	.038	.005	.124	<.001	<.002	<.002	<.003	<.003	<.004	.027
05-07-97	0920	do.	<.003	1.11	.060	.941	<.001	<.002	<.002	<.003	<.003	<.004	.239
05-14-97	0955	do.	<.003	.509	.019	.559	<.001	<.002	<.002	<.003	<.003	<.004	.155
05-21-97	1028	do.	<.003	2.14	.235	6.32	<.001	<.002	E.002	<.003	<.003	E.048	1.83

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)—Continued													
05-29-97	1049	regular	<0.003	0.639	0.029	2.87	<0.001	<0.002	<0.002	<0.003	E0.018	<0.004	0.925
06-05-97	0940	do.	<.003	.140	.016	.558	<.001	<.002	.005	<.003	<.003	<.004	.130
06-12-97	0906	do.	<.003	.258	.019	1.07	<.001	<.002	<.002	<.003	<.003	<.010	.127
06-19-97	0908	do.	<.003	.094	.034	1.63	<.001	<.002	<.002	<.003	E.022	E.002	.158
06-19-97	0918	spike	<.003	2.69	6.22	14.8	<.001	<.002	2.45	E1.25	E1.35	<.004	3.72
06-25-97	0955	regular	<.003	.095	.021	1.75	<.001	<.002	<.002	<.003	<.003	<.004	.123
07-02-97	0912	do.	<.003	.222	.041	4.20	<.001	<.002	<.002	<.003	E.041	<.004	.169
07-16-97	0941	do.	<.003	.022	.006	.798	<.001	<.002	<.002	<.003	<.003	<.004	.034
07-31-97	0927	do.	<.003	<.012	.005	.357	<.001	<.002	<.002	<.003	<.003	<.004	.020
08-13-97	0918	do.	<.003	<.002	<.002	.241	<.001	<.002	<.002	<.003	<.003	<.004	<.004
08-28-97	0919	do.	<.003	<.002	<.002	.163	<.001	<.002	<.002	<.003	<.003	<.004	.008
09-05-97	0906	do.	<.003	.011	.014	.136	<.001	<.002	<.002	<.003	<.003	<.004	.017
09-23-97	0936	do.	<.003	<.002	<.002	.117	<.001	<.002	<.002	<.003	<.003	<.004	E.004
10-06-97	1030	blank	<.003	<.002	<.002	<.001	<.001	<.002	<.002	<.003	<.003	<.004	<.004
10-06-97	1050	regular	<.003	<.002	<.002	.092	<.001	<.002	<.002	<.003	<.003	<.004	<.004
10-22-97	0951	do.	<.003	.010	.004	.120	<.001	<.002	<.002	<.003	<.003	<.004	.007
11-03-97	0953	do.	<.003	.008	E.004	.113	<.001	<.002	<.002	<.003	<.003	<.004	<.010
11-19-97	0935	do.	<.003	E.004	<.002	.095	<.001	<.002	<.002	<.003	<.003	<.004	.014
11-19-97	0945	spike	<.003	1.97	5.53	12.3	<.001	<.002	1.97	E1.86	E2.31	<.004	5.37
12-01-97	0928	regular	<.003	<.002	<.002	.073	<.340	<.002	<.002	<.003	<.003	<.004	<.004
01-05-98	0938	do.	<.003	.010	.006	.095	<.800	<.002	<.002	<.003	<.003	<.004	.015
01-05-98	0948	spike	.085	.121	.118	.204	E.229	.067	.098	E.139	E.132	.088	.108
02-17-98	0936	regular	<.003	<.010	E.004	.083	<.001	<.002	<.002	<.003	<.003	<.004	.010
03-09-98	1000	do.	<.003	.014	.008	.079	<.001	<.002	<.002	<.003	<.003	<.004	.011
03-30-98	0905	do.	<.003	.008	<.002	.075	<.001	<.002	<.002	<.003	<.003	<.004	.005
04-04-98	1020	do.	<.003	.028	<.002	.131	<.001	<.002	<.002	<.003	<.003	<.004	.018

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)—Continued													
05-04-98	0909	regular	<0.003	0.052	E0.004	E0.004	0.156	<0.001	<0.002	<0.003	<0.003	<0.004	0.026
06-01-98	0913	do.	<.003	.898	.064	3.04	<.001	<.002	<.002	<.003	<.003	<.010	.189
06-19-98	1002	do.	<.003	.417	.050	5.16	<.001	<.002	<.002	<.003	E.094	E.026	.788
07-02-98	1049	do.	<.003	.161	.023	2.35	<.001	<.002	<.002	<.003	<.003	<.004	.078
08-03-98	0925	do.	<.003	.013	<.002	.811	<.001	<.002	<.002	<.003	<.003	<.004	.049
08-31-98	0940	do.	<.003	.009	<.002	.196	<.001	<.002	<.002	<.003	<.003	<.004	.017
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)													
10-07-96	1020	regular	<.003	<.002	<.002	.320	<.001	<.002	<.002	<.003	<.003	<.004	.145
11-04-96	1100	do.	<.003	.016	<.020	.269	<.001	<.002	<.002	<.003	<.003	<.004	.082
12-06-96	1045	do.	<.003	<.002	<.002	.234	<.001	<.002	<.002	<.003	<.003	<.004	.064
01-02-97	1305	do.	<.003	<.002	<.002	.283	<.001	<.002	<.002	<.003	<.003	<.004	.084
02-06-97	1115	do.	<.003	.053	.013	.324	<.001	<.002	.007	<.003	<.003	<.004	.122
03-20-97	1220	do.	<.003	.006	.005	.135	<.001	<.002	<.002	<.003	<.003	<.004	.028
04-10-97	1130	do.	<.003	.007	<.002	.138	<.001	<.002	<.002	<.003	<.003	<.004	.048
05-06-97	1345	do.	<.003	.616	.117	4.25	<.001	<.002	E.002	<.003	E.011	E.029	1.76
06-05-97	1130	do.	<.003	.480	.036	3.82	<.001	<.002	<.002	<.003	<.003	<.004	1.46
07-14-97	1230	do.	<.003	.018	<.002	1.81	<.001	<.002	<.002	<.003	<.003	<.010	.269
08-11-97	1405	do.	<.003	<.002	<.002	1.19	<.001	<.002	<.002	<.003	<.003	<.004	.270
09-04-97	1110	do.	<.003	<.002	<.010	.601	<.001	<.002	<.002	<.040	<.003	<.004	.161
10-07-97	1155	do.	<.003	<.010	<.060	.384	<.001	<.002	<.002	<.003	<.003	<.004	.158
11-06-97	1125	do.	<.003	<.002	E.003	.152	<.001	<.002	<.002	<.003	<.003	<.004	.023
12-01-97	1145	do.	<.003	.026	.006	.294	<.001	<.002	<.002	<.010	<.010	<.004	.106
01-15-98	1155	do.	<.003	.009	.005	.168	<.001	<.002	<.002	<.003	<.003	.009	.060
02-05-98	1140	do.	<.003	.016	.006	.154	<.001	<.002	<.002	<.003	<.003	<.004	.071
03-03-98	1040	do.	<.003	.006	E.004	.108	<.001	<.002	<.002	<.003	<.003	<.004	.045
04-07-98	1100	do.	<.003	.013	.004	.110	<.010	<.002	<.002	<.003	<.003	<.004	.029
05-05-98	1300	do.	<.003	.100	.012	.701	<.001	<.002	<.002	<.003	<.003	<.004	.111

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

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)	Carbofuran (82674)	Chlor- pyrifos (38933)	Cyanazine (04041)
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)													
06-02-98	1140	regular	<0.003	0.660	0.032	4.31	<0.001	<0.002	<0.002	<0.003	<0.003	<0.040	1.17
07-08-98	1210	do.	<.003	.162	.020	2.15	<.001	<.002	<.002	<.003	<.003	<.020	.445
08-04-98	1205	do.	<.003	E.011	<.002	E.838	<.001	<.002	<.002	<.003	<.003	<.004	E.060
05474000, Skunk River at Augusta, IA (site 12, fig. 1)													
10-09-96	0940	regular	<.003	.040	<.002	.209	<.001	<.002	<.002	<.003	<.003	<.004	.031
11-07-96	0909	do.	<.003	.015	<.002	.161	<.001	<.002	<.002	<.003	<.003	<.004	.046
12-04-96	0933	do.	<.003	.004	<.002	.111	<.001	<.002	<.002	<.003	<.003	<.004	.019
01-08-97	0930	do.	<.003	E.003	<.002	.108	<.001	<.002	<.002	<.003	<.003	<.004	.023
02-06-97	0857	do.	<.003	.047	.023	.340	<.001	<.002	<.002	<.003	<.003	<.004	.125
03-12-97	0930	do.	<.003	.031	.011	.189	<.001	<.002	<.002	<.003	<.003	<.004	.049
03-31-98	0824	do.	<.003	.010	<.002	.114	<.001	<.002	<.002	<.003	<.003	<.004	.026
05-05-98	0830	do.	<.003	.157	.011	.774	<.001	<.002	<.002	<.003	<.003	<.004	.123
05-26-98	1200	do.	<.003	10.6	.120	E48.1	<.001	<.002	.004	<.003	E.026	<.300	14.0
06-02-98	0820	do.	<.003	.784	.027	4.65	<.001	<.002	<.002	<.003	E.082	<.004	.380
06-18-98	1044	do.	<.003	.983	.079	9.84	<.001	<.002	<.002	<.003	E.122	E.059	1.51
07-08-98	0930	do.	<.003	.099	.014	2.04	<.001	<.002	<.002	<.003	<.003	<.004	.238
08-04-98	0810	do.	<.003	.006	<.002	.404	<.001	<.002	<.002	<.003	<.003	<.004	.024
09-01-98	0815	do.	<.003	.018	.010	.364	<.001	<.002	<.002	<.003	<.003	<.004	.092

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05420680, Wapsipinicon River near Tripoli, IA (site 1, fig. 1)													
10-09-96	1043	regular	<0.002	E.054	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
11-06-96	1058	blank	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-06-96	1118	regular	<.002	E.038	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-04-96	1011	do.	<.002	E.102	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-08-97	1103	do.	<.002	E.095	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-08-97	1108	replicate	<.002	E.093	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-05-97	1105	regular	<.002	E.057	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-17-97	1305	do.	<.002	E.112	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-05-97	1044	do.	<.002	E.133	<.002	<.001	<.017	.088	<.004	<.003	<.003	<.004	<.002
04-02-98	1443	do.	<.002	E.110	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-06-98	1249	do.	<.002	E.084	<.002	<.001	<.017	.0045	<.004	<.003	<.003	<.004	<.002
05-27-98	1335	do.	<.002	E.162	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-03-98	1450	do.	<.002	E.188	<.002	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002
06-20-98	1030	do.	<.002	E.600	<.002	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002
07-08-98	1315	do.	<.002	E.091	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-05-98	1231	do.	<.002	E.030	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-05-98	1241	spike	.111	E.161	.119	.112	.025	.100	.104	.105	.109	.133	.148
09-02-98	1308	regular	<.002	E.124	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)													
10-15-96	1120	regular	<.002	E.050	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-13-96	0946	do.	<.002	E.081	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-09-96	0924	do.	<.002	E.082	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-13-97	1025	do.	<.002	E.075	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-11-97	1017	do.	<.002	E.064	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-20-97	0920	do.	<.002	E.103	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-06-97	0937	do.	<.002	E.138	<.002	<.001	<.017	.064	<.004	<.003	<.003	<.004	<.002
04-02-98	0900	do.	<.002	E.064	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)—Continued													
05-06-98	0925	regular	<0.002	E0.051	<0.002	<0.001	<0.017	E0.003	<0.004	<0.003	<0.003	<0.004	<0.002
06-03-98	0915	do.	<.002	E.143	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-17-98	1300	do.	E.001	E.438	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-09-98	0855	do.	<.002	E.245	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-06-98	0900	do.	<.002	E.045	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-02-98	0915	do.	<.002	E.144	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-02-98	0925	spike	3.48	E1.09	3.28	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05449500, Iowa River near Rowan, IA (site 3, fig. 1)													
10-08-96	1010	regular	<.002	E.021	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-08-96	1015	replicate	<.002	E.020	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-05-96	0935	regular	<.002	E.040	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-03-96	0928	do.	<.002	E.033	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-09-97	0950	do.	<.002	E.024	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-04-97	1015	do.	<.002	E.018	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-11-97	0950	do.	<.002	E.051	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-18-97	0856	do.	<.002	E.056	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-25-97	0908	do.	<.002	E.050	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-03-97	0847	do.	<.002	E.030	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-09-97	0854	do.	<.002	E.039	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-15-97	0925	do.	E.0004	E.021	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-22-97	0944	do.	<.002	E.020	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-22-97	0954	spike	.096	E.071	.090	.069	.056	.107	.114	.084	.077	.092	.158
04-22-97	0955	do.	.096	E.074	.092	.070	.052	.107	.110	.086	.078	.102	.161
04-29-97	0913	regular	<.002	E.026	<.002	<.001	<.017	.004	<.004	<.003	<.003	<.004	<.002
05-03-97	1046	do.	<.002	E.023	<.002	<.001	<.017	.049	<.004	<.003	<.003	<.004	<.002
05-13-97	0951	do.	<.002	E.025	<.002	<.001	<.017	E.003	<.004	<.003	<.003	<.004	<.002
05-20-97	0853	do.	<.002	E.018	<.002	<.001	<.017	E.004	<.004	<.003	<.003	<.004	<.002
05-28-97	0933	do.	<.002	E.022	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued													
05-28-97	0943	spike	0.103	E0.052	0.092	0.079	0.070	0.102	0.085	0.095	0.093	0.093	0.129
06-04-97	0921	regular	<.002	E.013	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-10-97	0919	do.	<.002	E.016	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-17-97	0858	do.	<.002	E.028	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-23-97	1156	do.	.007	E.137	<.002	.011	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-01-97	0905	do.	<.002	E.051	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-15-97	0850	do.	<.002	E.032	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-29-97	0900	do.	<.002	E.034	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-11-97	1200	do.	<.002	E.010	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-26-97	0837	do.	<.002	E.012	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-26-97	0847	spike	5.79	E1.10	2.23	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-11-97	1005	regular	<.002	E.005	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-25-97	0852	do.	<.002	E.004	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-08-97	0928	blank	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-08-97	0948	regular	<.002	E.004	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-20-97	1134	do.	<.002	E.026	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-05-97	0857	do.	<.002	E.015	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-17-97	1134	do.	<.002	E.018	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-02-97	0908	do.	<.002	E.016	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-06-98	0919	do.	<.002	E.014	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-06-98	0929	spike	.094	E.111	.102	.097	E.012	.090	.081	.096	.086	.104	.144
02-18-98	0924	regular	<.002	E.050	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-12-98	0926	do.	<.002	E.026	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-31-98	0922	do.	<.002	E.065	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-05-98	0922	do.	<.002	E.020	E.004	<.001	<.017	.006	<.004	<.003	<.003	<.004	<.002
06-02-98	0904	do.	<.002	E.057	<.002	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued													
06-13-98	0928	regular	<0.002	E0.068	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
06-23-98	0848	do.	<.002	E.283	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-07-98	0900	do.	<.002	E.041	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-07-98	0905	replicate	<.002	E.040	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-04-98	0903	regular	<.002	E.014	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-01-98	0944	do.	<.002	E.022	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05449600, Wheeler Creek near Rowan, IA (site f, fig. 1)													
09-10-98	1030	regular	<.002	E.015	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05451210, South Fork Iowa River northeast of New Providence, IA (site 4, fig. 1)													
10-07-96	1215	regular	<.002	E.022	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-04-96	1210	do.	<.002	E.051	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-04-96	1220	spike	.112	E.126	.110	.089	.048	.105	.134	.122	.122	.120	.107
12-02-96	1155	regular	<.002	E.061	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-06-97	1133	do.	<.002	E.040	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-03-97	1108	do.	<.002	E.039	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-10-97	1155	do.	<.002	E.064	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-10-97	1200	replicate	<.002	E.061	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-30-98	1113	regular	<.002	E.032	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-30-98	1118	replicate	<.002	E.090	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-01-98	1033	regular	<.002	E.039	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-04-98	1120	do.	<.002	E.032	<.002	<.001	<.017	.006	<.004	<.003	<.003	<.004	<.002
05-29-98	1246	do.	<.002	E.308	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-01-98	1318	do.	<.002	E.172	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-12-98	1155	do.	E.003	E.251	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-06-98	1213	do.	<.002	E.092	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-03-98	1046	do.	<.002	E.048	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-31-98	1102	do.	<.002	E.057	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05453100, Iowa River at Marengo, IA (site 5, fig. 1)													
10-16-96	0939	regular	<0.002	E.024	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
11-14-96	0925	do.	<.002	E.050	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-14-96	0935	spike	.109	E.116	.106	.089	.080	.100	.127	.106	.110	.106	.090
12-10-96	0935	regular	<.002	E.038	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-14-97	1200	do.	<.002	E.054	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-13-97	0949	do.	<.002	E.041	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-19-97	0955	do.	<.002	E.040	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-19-97	1005	spike	.123	E.073	.111	.104	.088	.112	.110	.108	.108	.115	.107
05-06-97	0914	regular	<.002	E.043	<.002	<.001	<.017	.005	<.004	<.003	<.003	<.004	<.002
04-02-98	1355	do.	<.002	E.036	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-08-98	0843	do.	<.002	E.031	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-05-98	0900	do.	<.002	E.033	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-13-98	0946	do.	<.002	E.519	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-26-98	0922	do.	<.002	E.239	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-07-98	0920	do.	<.002	E.112	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-07-98	0900	do.	<.002	E.035	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-04-98	0850	do.	<.002	E.023	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-04-98	0855	replicate	<.002	E.020	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)													
10-07-96	0948	regular	<.002	E.018	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-12-96	0956	do.	<.002	E.034	<.002	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002
12-02-96	0945	do.	<.002	E.022	<.002	<.001	<.017	.012	<.004	<.003	<.003	<.004	<.002
01-06-97	0938	do.	<.002	E.032	<.002	<.001	<.017	E.003	<.004	<.003	<.003	<.004	<.002
02-04-97	0919	do.	<.002	E.064	<.002	<.001	<.017	<.002	<.004	<.003	<.003	.018	<.002
03-10-97	1025	do.	<.002	E.090	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-01-97	0914	do.	E.002	E.068	<.002	<.001	<.017	.012	<.004	<.003	<.003	<.004	<.002
03-31-98	1245	do.	<.002	E.037	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)—Continued													
05-05-98	1343	regular	<0.002	E0.037	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
06-02-98	1325	do.	<.002	E.039	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-10-98	0826	do.	<.002	E.291	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-30-98	1239	do.	<.002	E.571	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-10-98	0745	do.	<.002	E.075	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-10-98	0750	replicate	<.002	E.058	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-05-98	0810	regular	<.002	E.030	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-05-98	0812	spike	.111	E.068	.122	.132	.044	.0915	.090	.097	.113	.129	.156
08-05-98	0813	do.	3.52	E.980	3.68	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-05-98	0814	do.	7.12	E2.38	7.34	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-01-98	1300	regular	<.002	E.032	<.002	<.001	<.017	<.002	<.004	<.003	E.002	<.004	<.002
05455570, English River at Riverside, IA (site i, fig. 1)													
10-07-96	0825	regular	<.002	E.015	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-04-96	0810	do.	<.002	E.038	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-06-96	0900	do.	<.002	E.025	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-02-97	0955	do.	<.002	E.032	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-06-97	0825	do.	<.002	E.052	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-20-97	1015	do.	<.002	E.036	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-10-97	0850	do.	<.002	E.014	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-06-97	1515	do.	<.002	E.064	<.002	<.001	<.017	E.003	<.004	<.003	<.003	<.004	<.002
06-05-97	0855	do.	<.002	E.088	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-14-97	0920	do.	<.002	E.044	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-04-97	0845	do.	<.002	E.035	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-07-97	0935	do.	<.002	E.009	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-06-97	1410	do.	<.002	E.062	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-01-97	0935	do.	<.002	E.067	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-08-98	0915	do.	<.002	E.114	<.002	<.001	<.017	E.003	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05455570, English River at Riverside, IA (site i, fig. 1)—Continued													
02-05-98	0910	regular	<0.002	E0.084	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
03-03-98	0835	do.	<.002	E.096	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-07-98	0850	do.	<.002	E.100	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-05-98	1415	do.	<.002	E.067	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-02-98	0855	do.	<.002	E.089	<.002	<.001	<.017	.004	<.004	<.003	<.003	<.004	<.002
07-08-98	1000	do.	<.002	E.100	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-04-98	0900	do.	<.002	E.070	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05457750, Cedar River near Carville, IA (site k, fig. 1)													
10-17-96	1010	regular	<.002	E.021	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-06-96	0915	do.	<.002	E.026	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-19-96	1015	do.	<.002	E.042	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-21-97	1130	do.	<.002	E.036	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-17-97	1120	do.	<.002	E.024	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-05-97	0805	do.	<.002	E.032	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-22-97	0950	do.	<.002	E.028	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-01-97	0900	do.	<.002	E.033	<.002	<.001	<.017	.017	<.004	<.003	<.003	<.004	<.002
07-17-97	1115	do.	<.002	E.115	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-16-97	0920	do.	<.002	E.021	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-23-97	0840	do.	<.002	E.080	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-13-97	1055	do.	<.002	E.056	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-11-97	1020	do.	<.002	E.052	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-28-98	1010	do.	<.002	E.030	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-17-98	1010	do.	<.002	E.038	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-26-98	0730	do.	<.002	E.082	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-09-98	0830	do.	<.002	E.107	<.002	<.001	<.017	E.003	<.004	<.003	<.003	<.004	<.002
06-09-98	1020	do.	<.002	E.028	.007	<.001	<.017	E.004	<.004	<.003	<.003	<.004	<.002
07-09-98	1015	do.	<.002	E.065	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05457750, Cedar River near Carville, IA (site k, fig. 1)—Continued													
08-11-98	1035	regular	<0.002	E0.033	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
09-14-98	1230	do.	<.002	E.032	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05458870, Maynes Creek near Kesley, IA (site m, fig. 1)													
09-09-98	0957	regular	<.002	E.097	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05458900, West Fork Cedar River near Finchford, IA (site n, fig. 1)													
10-17-96	0840	regular	<.002	E.022	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-06-96	0815	do.	<.002	E.053	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-19-96	0910	do.	<.002	E.059	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-21-97	0955	do.	<.002	E.037	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-17-97	0930	do.	<.002	E.024	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-05-97	1300	do.	<.002	E.044	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-01-97	0755	do.	<.002	E.043	<.002	<.001	<.017	.014	<.004	<.003	<.003	<.004	<.002
07-17-97	0950	do.	<.002	E.061	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-16-97	0805	do.	E.001	E.017	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-22-97	1100	do.	<.002	E.058	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-13-97	0920	do.	<.002	E.032	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-11-97	1120	do.	<.002	E.050	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-28-98	1125	do.	<.002	E.033	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-17-98	0900	do.	<.002	E.052	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-26-98	1220	do.	<.002	E.065	<.002	<.001	<.017	E.004	<.004	<.003	<.003	<.004	<.002
04-09-98	1045	do.	<.002	E.103	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-09-98	0855	do.	<.002	E.071	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-09-98	0900	do.	<.002	E.071	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-11-98	0850	do.	<.002	E.105	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-14-98	1050	do.	<.002	E.030	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05461390, Flood Creek near Powersville, IA (site 7, fig. 1)													
10-23-96	1107	regular	E.002	E.024	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-11-96	1150	do.	<.002	E.053	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05461390, Flood Creek near Powersville, IA (site 7, fig. 1)—Continued													
01-14-97	0950	regular	<0.002	E0.092	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
02-19-97	1050	do.	<.002	E.044	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-18-97	1018	do.	<.002	E.061	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-03-97	1053	do.	E.002	E.124	<.002	<.001	<.017	.005	<.004	<.003	<.003	<.004	<.002
04-02-98	0843	do.	<.002	E.156	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-06-98	0838	do.	<.002	E.100	<.002	<.001	<.017	.007	<.004	<.003	<.003	<.004	<.002
06-03-98	0906	do.	<.002	E.152	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-08-98	0848	do.	<.002	E.052	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-05-98	0837	do.	<.002	E.044	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-05-98	0847	spike	.101	E.083	.106	.103	.046	.094	.086	.096	.104	.122	.143
09-02-98	0842	regular	<.002	E.064	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-02-98	0847	replicate	<.002	E.068	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05464020, Cedar River at Gilbertville, IA (site 8, fig. 1)													
10-15-96	1120	regular	<.002	E.034	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-12-96	1103	do.	<.002	E.042	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-12-96	1340	do.	<.002	E.055	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-15-97	0855	do.	<.002	E.068	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-10-97	1015	do.	<.002	E.043	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)													
10-10-96	1047	regular	<.002	E.042	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-07-96	1018	do.	<.002	E.059	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-05-96	0959	do.	<.002	E.070	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-13-97	1205	do.	<.002	E.076	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-06-97	0923	do.	<.002	E.057	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-12-97	1035	do.	<.002	E.073	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-17-97	0945	do.	<.002	E.054	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-17-97	0955	spike	.133	E.105	.113	.079	.078	.103	.105	.106	.099	.106	.094
03-24-97	1026	regular	<.002	E.066	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued													
04-02-97	1026	regular	<0.002	E.035	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
04-08-97	1030	do.	<.002	E.054	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-14-97	1235	do.	<.002	E.046	<.002	E.003	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-21-97	1028	do.	<.002	E.049	<.002	E.003	<.017	.015	<.004	<.003	<.003	<.004	<.002
04-28-97	1006	blank	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-28-97	1026	regular	<.002	E.031	<.002	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002
05-05-97	1015	do.	<.002	E.070	<.002	<.001	<.017	.005	<.004	<.003	<.003	<.004	<.002
05-12-97	1022	do.	<.002	E.047	<.002	<.001	<.017	.005	<.004	<.003	<.003	<.004	<.002
05-19-97	1033	do.	<.002	E.030	<.002	<.001	<.017	.005	<.004	<.003	<.003	<.004	<.002
05-27-97	0936	do.	<.002	E.030	<.002	<.001	<.017	.004	<.004	<.003	<.003	<.004	<.002
06-03-97	1116	do.	<.002	E.036	<.002	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002
06-09-97	0946	do.	<.002	E.036	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-16-97	0943	do.	<.002	E.183	<.002	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002
06-24-97	0951	do.	<.002	E.096	<.002	.004	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-30-97	1022	do.	<.002	E.050	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-14-97	0944	do.	<.002	E.045	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-28-97	0928	do.	<.002	E.041	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-28-97	0933	replicate	<.002	E.029	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-12-97	0916	regular	<.002	E.037	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-25-97	1000	do.	<.002	E.071	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-09-97	0945	do.	<.002	E.035	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-24-97	0940	do.	<.002	E.017	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-10-97	0938	do.	<.002	E.038	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-10-97	0943	replicate	<.002	E.037	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-21-97	0854	regular	<.002	E.128	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-07-97	0919	do.	<.002	E.063	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued													
11-18-97	0857	regular	<0.002	E0.107	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
12-04-97	0919	do.	E.001	E.082	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-08-98	0910	do.	<.002	E.075	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-20-98	0941	do.	<.002	E.078	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-18-98	0918	do.	<.002	E.031	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-01-98	0945	do.	<.002	E.072	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-07-98	0919	do.	<.002	E.058	<.002	<.001	<.017	.006	<.004	<.003	<.003	<.004	<.002
06-04-98	0933	do.	<.002	E.093	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-10-98	1215	do.	<.002	E.359	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-12-98	1238	do.	<.002	E.796	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-22-98	1415	do.	<.002	E.415	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-09-98	0924	do.	<.002	E.058	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-06-98	0855	do.	<.002	E.085	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-03-98	0936	blank	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-03-98	0956	regular	<.002	E.043	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)													
10-29-96	1030	regular	<.002	E.056	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-13-96	1013	do.	<.002	E.061	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-05-96	1030	do.	<.002	E.057	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-22-97	0950	do.	<.002	E.050	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-22-97	0955	replicate	<.002	E.056	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-03-97	0938	regular	<.002	E.046	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-13-97	0950	do.	<.002	E.056	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-07-97	0933	do.	<.002	E.100	<.002	<.001	<.017	.009	<.004	<.003	<.003	<.004	<.002
04-03-98	0851	do.	<.002	E.054	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-07-98	0827	do.	<.002	E.035	<.002	<.001	<.017	.004	<.004	<.003	<.003	<.004	<.002
06-04-98	0900	do.	<.002	E.036	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)—Continued													
07-06-98	0847	regular	<0.002	E0.098	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
08-04-98	1300	do.	<.002	E.034	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-03-98	0840	do.	.004	E.030	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05465000, Cedar River near Conesville, IA (site 10b, fig. 1)													
10-10-96	1015	regular	<.002	E.037	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-10-96	1020	replicate	<.002	E.035	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-29-96	0855	regular	<.002	E.039	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05465500 Iowa River at Wapello, IA (site 11, fig. 1)													
10-08-96	1155	regular	<.002	E.046	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-06-96	1038	do.	<.002	E.038	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-03-96	1040	do.	<.002	E.060	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-07-97	1115	do.	<.002	E.066	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-05-97	1030	do.	<.002	E.048	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-11-97	1220	do.	<.002	E.039	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-11-97	1225	replicate	<.002	E.044	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-20-97	0918	regular	<.002	E.046	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-20-97	0928	spike	.116	E.085	.101	.091	.083	.097	.105	.098	.095	.102	.098
03-27-97	0941	regular	<.002	<.110	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-31-97	0936	do.	<.002	E.038	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-10-97	0922	do.	<.002	E.047	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-16-97	0931	do.	<.002	E.062	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-23-97	0945	do.	E.002	E.040	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-30-97	0956	do.	<.002	E.051	<.002	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002
05-07-97	0920	do.	<.002	E.047	<.002	<.001	<.017	.008	<.004	<.003	<.003	<.004	<.002
05-14-97	0955	do.	<.002	E.073	<.002	<.001	<.017	E.003	<.004	<.003	<.003	<.004	<.002
05-21-97	1028	do.	E.002	E.078	E.004	E.003	<.017	E.004	<.004	<.003	<.003	<.004	<.002
05-29-97	1049	do.	<.002	E.078	E.003	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002
06-05-97	0940	do.	<.002	E.039	<.002	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)—Continued													
06-12-97	0906	regular	<0.002	E.057	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
06-19-97	0908	do.	E.001	E.056	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-19-97	0918	spike	7.35	E1.26	2.25	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-25-97	0955	regular	<.002	E.062	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-02-97	0912	do.	<.002	E.109	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-16-97	0941	do.	<.002	E.054	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-31-97	0927	do.	<.002	E.049	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-13-97	0918	do.	<.002	E.028	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-28-97	0919	do.	<.002	E.028	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-05-97	0906	do.	<.002	E.023	.057	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-23-97	0936	do.	<.002	E.020	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-06-97	1030	blank	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-06-97	1050	regular	<.002	E.018	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-22-97	0951	do.	<.002	E.091	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-03-97	0953	do.	<.002	E.030	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-19-97	0935	do.	<.002	E.087	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-19-97	0945	spike	4.85	E2.89	1.93	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-01-97	0928	regular	<.002	E.022	.006	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-05-98	0938	do.	<.002	E.028	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-05-98	0948	spike	.101	E.082	.095	.098	.045	.097	.070	.099	.095	.096	.140
02-17-98	0936	regular	<.002	E.032	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-09-98	1000	do.	<.002	E.037	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-30-98	0905	do.	<.002	E.034	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-04-98	1020	do.	<.002	E.122	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-04-98	0909	do.	<.002	E.035	<.002	<.001	<.017	.006	<.004	<.003	<.003	<.004	<.002
06-01-98	0913	do.	<.002	E.079	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)—Continued													
06-19-98	1002	regular	E0.001	E0.514	<0.002	E0.004	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
07-02-98	1049	do.	<.002	E.148	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-03-98	0925	do.	<.002	E.101	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-31-98	0940	do.	<.002	E.031	E.004	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)													
10-07-96	1020	regular	<.002	E.037	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-04-96	1100	do.	<.002	E.067	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-06-96	1045	do.	<.002	E.028	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-02-97	1305	do.	<.002	E.025	.011	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-06-97	1115	do.	<.002	E.068	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-20-97	1220	do.	<.002	E.017	<.002	<.001	<.017	<.002	<.004	E.004	<.003	<.004	<.002
04-10-97	1130	do.	<.002	E.018	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-06-97	1345	do.	<.002	E.084	<.002	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002
06-05-97	1130	do.	<.002	E.123	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-14-97	1230	do.	<.002	E.090	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-11-97	1405	do.	<.002	E.081	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-04-97	1110	do.	.009	E.067	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
10-07-97	1155	do.	<.002	E.030	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-06-97	1125	do.	<.002	E.036	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-01-97	1145	do.	<.002	E.106	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-15-98	1155	do.	<.002	E.099	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-05-98	1140	do.	<.002	E.082	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-03-98	1040	do.	<.002	E.068	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
04-07-98	1100	do.	<.002	E.082	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-05-98	1300	do.	<.002	E.039	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-02-98	1140	do.	<.002	E.132	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-08-98	1210	do.	<.002	E.283	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dacthal (82682)	Deethyl- atrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethal- fluralin (82663)	Etho- prophos (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)—Continued													
08-04-98	1205	regular	<0.002	E0.045	<0.002	<0.001	<0.017	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002
05474000, Skunk River at Augusta, IA (site 12, fig. 1)													
10-09-96	0940	regular	<.002	E.036	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
11-07-96	0909	do.	<.002	E.042	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
12-04-96	0933	do.	<.002	E.039	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
01-08-97	0930	do.	<.002	E.062	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
02-06-97	0857	do.	<.002	E.060	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-12-97	0930	do.	<.002	E.034	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
03-31-98	0824	do.	<.002	E.030	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
05-05-98	0830	do.	<.002	E.033	<.002	<.001	<.017	E.003	<.004	<.003	<.003	<.004	<.002
05-26-98	1200	do.	<.002	E.539	.005	.006	<.017	<.002	<.004	<.003	E.002	.005	<.002
06-02-98	0820	do.	<.002	E.088	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
06-18-98	1044	do.	<.002	E.631	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
07-08-98	0930	do.	<.002	E.21	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
08-04-98	0810	do.	<.002	E.052	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002
09-01-98	0815	do.	<.002	E.063	<.002	<.001	<.017	E.004	<.004	<.003	<.003	<.004	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metolachlor (39415)	Metribuzin (82630)	Molinate (82671)	Napropamide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendimethalin (82683)	Phorate (82664)	Prometon (04037)
05420680, Wapsipinicon River near Tripoli, IA (site 1, fig. 1)													
10-09-96	1043	regular	<0.005	0.064	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	E0.013
11-06-96	1058	blank	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
11-06-96	1118	regular	<.005	.134	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
12-04-96	1011	do.	<.005	.116	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
01-08-97	1103	do.	<.005	.200	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
01-08-97	1108	replicate	<.005	.202	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
02-05-97	1105	regular	<.005	.104	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-17-97	1305	do.	<.005	.616	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05-05-97	1044	do.	<.005	2.74	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
04-02-98	1443	do.	<.005	.354	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
05-06-98	1249	do.	<.005	.248	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
05-27-98	1335	do.	<.005	.938	.021	<.004	<.003	<.004	<.006	<.004	.010	<.002	E.005
06-03-98	1450	do.	<.005	.460	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.022
06-20-98	1030	do.	<.005	2.46	.029	<.004	<.003	<.004	<.006	<.004	.038	<.002	.022
07-08-98	1315	do.	<.005	.298	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
08-05-98	1231	do.	<.005	.062	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
08-05-98	1241	spike	.145	.203	.105	.103	.115	.117	.159	.105	.106	.030	.126
09-02-98	1308	regular	<.005	.083	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.014
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)													
10-15-96	1120	regular	<.005	.113	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.015
11-13-96	0946	do.	<.005	.117	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
12-09-96	0924	do.	<.005	.077	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
01-13-97	1025	do.	<.005	1.38	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
02-11-97	1017	do.	<.005	.258	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
03-20-97	0920	do.	<.005	.702	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05-06-97	0937	do.	<.005	1.68	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
04-02-98	0900	do.	<.005	.264	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)—Continued													
05-06-98	0925	regular	<0.005	0.089	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	E0.005
06-03-98	0915	do.	<.005	1.92	<.020	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
06-17-98	1300	do.	<.005	1.73	.020	<.004	<.003	<.004	<.006	<.004	<.010	<.002	E.008
07-09-98	0855	do.	<.005	.494	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
08-06-98	0900	do.	<.005	.047	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
09-02-98	0915	do.	<.005	.137	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
09-02-98	0925	spike	3.72	3.91	2.54	<.004	<.003	<.004	<.006	<.004	<.004	<.002	3.71
05449500, Iowa River near Rowan, IA (site 3, fig. 1)													
10-08-96	1010	regular	<.005	.066	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.014
10-08-96	1015	replicate	<.005	.066	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.013
11-05-96	0935	regular	<.005	.077	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
12-03-96	0928	do.	<.005	.054	.005	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
01-09-97	0950	do.	<.005	.311	.011	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
02-04-97	1015	do.	<.005	.871	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
03-11-97	0950	do.	<.005	1.85	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
03-18-97	0856	do.	<.005	5.05	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-25-97	0908	do.	<.005	1.54	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
04-03-97	0847	do.	<.005	.316	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
04-09-97	0854	do.	<.005	.212	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
04-15-97	0925	do.	<.005	.202	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
04-22-97	0944	do.	<.005	.222	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
04-22-97	0954	spike	.098	.317	.095	.109	.100	.131	.121	.104	.123	.057	.099
04-22-97	0955	do.	.103	.315	.098	.112	.105	.130	.125	.109	.122	.054	.103
04-29-97	0913	regular	<.005	.179	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
05-03-97	1046	do.	<.005	1.34	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
05-13-97	0951	do.	<.005	.256	E.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
05-20-97	0853	do.	<.005	.443	E.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued													
05-28-97	0933	regular	<0.005	0.145	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	E0.007
05-28-97	0943	spike	.097	.246	.082	.106	.090	.104	.121	.104	.091	.071	.103
06-04-97	0921	regular	<.005	.109	.007	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
06-10-97	0919	do.	<.005	.108	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
06-17-97	0858	do.	<.005	.426	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.063
06-23-97	1156	do.	<.005	5.09	.011	<.004	<.003	<.004	<.006	<.004	.103	<.002	E.012
07-01-97	0905	do.	<.005	.794	<.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.018
07-15-97	0850	do.	<.005	.186	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.053
07-29-97	0900	do.	<.005	.229	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
08-11-97	1200	do.	<.005	.068	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
08-26-97	0837	do.	<.005	.086	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.015
08-26-97	0847	spike	1.48	5.43	1.26	<.004	<.003	<.004	<.006	<.004	<.004	<.002	2.24
09-11-97	1005	regular	<.005	.059	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.011
09-25-97	0852	do.	<.005	.055	<.004	<.004	<.0200	<.004	<.006	<.004	<.004	<.002	E.016
10-08-97	0928	blank	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
10-08-97	0948	regular	<.005	.036	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.011
10-20-97	1134	do.	<.005	.459	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.021
11-05-97	0857	do.	<.005	.096	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
11-17-97	1134	do.	<.005	.072	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.011
12-02-97	0908	do.	<.005	.069	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
01-06-98	0919	do.	<.005	.109	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
01-06-98	0929	spike	.088	.214	.090	.082	.095	.083	.099	.091	.079	.015	.107
02-18-98	0924	regular	<.005	11.6	.017	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.011
03-12-98	0926	do.	<.005	.265	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
03-31-98	0922	do.	<.005	.272	<.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
05-05-98	0922	do.	<.005	.151	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued													
06-02-98	0904	regular	<0.005	0.230	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	E0.007
06-13-98	0928	do.	<.005	.212	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.049
06-23-98	0848	do.	<.005	2.31	.026	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.013
07-07-98	0900	do.	<.005	.599	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.013
07-07-98	0905	replicate	<.005	.613	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
08-04-98	0903	regular	<.005	.073	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.016
09-01-98	0944	do.	<.005	.066	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.016
05449600, Wheeler Creek near Rowan, IA (site f, fig. 1)													
09-10-98	1030	regular	<.005	.060	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05451210, South Fork Iowa River northeast of New Providence, IA (site 4, fig. 1)													
10-07-96	1215	regular	<.005	.303	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.039
11-04-96	1210	do.	<.005	.188	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
11-04-96	1220	spike	E.128	.315	.138	.113	.106	.138	.150	.104	.110	.061	.138
12-02-96	1155	regular	<.005	.316	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
01-06-97	1133	do.	<.005	11.0	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
02-03-97	1108	regular	<.005	1.32	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-10-97	1155	do.	<.005	2.72	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
03-10-97	1200	replicate	<.005	2.87	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
03-30-98	1113	regular	<.005	.382	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
03-30-98	1118	replicate	<.005	.401	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
04-01-98	1033	regular	<.005	.564	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
05-04-98	1120	do.	<.005	.233	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
05-29-98	1246	do.	<.005	3.91	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
06-01-98	1318	do.	<.005	.912	.019	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
06-12-98	1155	do.	<.005	1.74	.011	<.004	<.003	<.004	<.006	<.004	.015	<.002	E.008
07-06-98	1213	do.	<.005	.919	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
08-03-98	1046	do.	<.005	.132	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05451210, South Fork Iowa River northeast of New Providence, IA (site 4, fig. 1)—Continued													
08-31-98	1102	regular	<.005	0.195	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E0.007
05453100, Iowa River at Marengo, IA (site 5, fig. 1)													
10-16-96	0939	regular	<.005	.047	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.018
11-14-96	0925	do.	<.005	.076	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
11-14-96	0935	spike	E.122	.206	.120	.108	.100	.126	.135	.0990	.115	.084	.128
12-10-96	0935	regular	<.005	.066	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
01-14-97	1200	do.	<.005	3.54	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
02-13-97	0949	do.	<.005	.327	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
03-19-97	0955	do.	<.005	.845	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-19-97	1005	spike	.114	.964	.095	.108	.114	.140	.119	.114	.113	.088	.113
05-06-97	0914	regular	<.005	2.26	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.011
04-02-98	1355	do.	<.005	.150	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05-08-98	0843	do.	<.005	1.08	.013	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
06-05-98	0900	do.	<.005	.358	.005	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
06-13-98	0946	do.	<.005	3.59	.036	<.004	<.003	<.004	<.006	<.004	.036	<.002	E.014
06-26-98	0922	do.	<.005	2.15	.020	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
07-07-98	0920	do.	<.005	.843	<.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
08-07-98	0900	do.	<.005	.188	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.044
09-04-98	0850	do.	<.005	.062	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.014
09-04-98	0855	replicate	<.005	.059	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.015
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)													
10-07-96	0948	regular	<.005	.130	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
11-12-96	0956	do.	<.005	.081	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
12-02-96	0945	do.	<.005	.076	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
01-06-97	0938	do.	<.005	.117	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
02-04-97	0919	do.	<.005	.301	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-10-97	1025	do.	<.005	.285	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)—Continued													
05-01-97	0914	regular	<0.005	3.13	0.120	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	<0.018
03-31-98	1245	do.	<.005	.079	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05-05-98	1343	do.	<.005	.049	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
06-02-98	1325	do.	<.005	.107	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
06-10-98	0826	do.	<.005	1.73	.014	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
06-30-98	1239	do.	<.005	1.67	.022	<.004	<.003	<.004	<.006	<.004	.006	<.002	<.018
07-10-98	0745	do.	<.005	.094	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
07-10-98	0750	replicate	<.005	.095	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
08-05-98	0810	regular	<.005	.034	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
08-05-98	0812	spike	.159	.176	.085	.105	.116	.121	.170	.101	.100	.054	.124
08-05-98	0813	do.	3.72	3.65	2.50	<.004	<.003	<.004	<.006	<.004	<.004	<.002	3.67
08-05-98	0814	do.	6.45	7.05	6.00	<.004	<.003	<.004	<.006	<.004	<.004	<.002	6.85
09-01-98	1300	regular	<.005	.031	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
05455570, English River at Riverside, IA (site i, fig. 1)													
10-07-96	0825	regular	<.005	.057	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
11-04-96	0810	do.	<.005	.157	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
12-06-96	0900	do.	<.005	.066	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
01-02-97	0955	do.	<.005	.022	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
02-06-97	0825	do.	<.005	.227	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-20-97	1015	do.	<.005	.049	<.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
04-10-97	0850	do.	<.005	.177	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05-06-97	1515	do.	<.005	.761	.005	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
06-05-97	0855	do.	<.005	.547	.022	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
07-14-97	0920	do.	<.005	.119	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
09-04-97	0845	do.	<.005	.068	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
10-07-97	0935	do.	<.005	.032	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
11-06-97	1410	do.	E.005	.029	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05455570, English River at Riverside, IA (site i, fig. 1)—Continued													
12-01-97	0935	regular	<0.005	0.026	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	<0.018
01-08-98	0915	do.	<.005	.045	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
02-05-98	0910	do.	<.005	.063	<.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-03-98	0835	do.	<.005	.022	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
04-07-98	0850	do.	<.005	.023	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05-05-98	1415	do.	<.005	.258	.015	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
06-02-98	0855	do.	<.005	.585	<.004	<.004	<.003	<.004	<.006	<.004	.009	<.002	<.018
07-08-98	1000	do.	<.005	.365	.006	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
08-04-98	0900	do.	<.005	.045	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05457750, Cedar River near Carville, IA (site k, fig. 1)													
10-17-96	1010	regular	<.005	.028	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
11-06-96	0915	do.	<.005	.093	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
12-19-96	1015	do.	<.005	.057	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
01-21-97	1130	do.	<.005	.060	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
02-17-97	1120	do.	<.005	.062	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
03-05-97	0805	do.	<.005	.541	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
04-22-97	0950	do.	<.005	.121	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
05-01-97	0900	do.	<.005	.357	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
07-17-97	1115	do.	<.005	1.07	<.020	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.013
09-16-97	0920	do.	<.005	.044	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
10-23-97	0840	do.	<.005	.069	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
11-13-97	1055	do.	<.005	.045	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
12-11-97	1020	do.	<.005	.043	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
01-28-98	1010	do.	<.005	.030	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
02-17-98	1010	do.	<.005	2.08	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-26-98	0730	do.	<.005	.101	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
04-09-98	0830	do.	<.005	.244	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metolachlor (39415)	Metribuzin (82630)	Molinate (82671)	Napropamide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05457750, Cedar River near Carville, IA (site k, fig. 1)—Continued													
06-09-98	1020	regular	<0.005	0.100	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	0.012	<0.002	0.042
07-09-98	1015	do.	<.005	.249	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
08-11-98	1035	do.	<.005	.170	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
09-14-98	1230	do.	<.005	.028	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
05458870, Maynes Creek near Kesley, IA (site m, fig. 1)													
09-09-98	0957	regular	<.005	.044	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05458900, West Fork Cedar River near Finchford, IA (site n, fig. 1)													
10-17-96	0840	regular	<.005	.047	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
11-06-96	0815	do.	<.005	.144	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
12-19-96	0910	do.	<.005	.344	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
01-21-97	0955	do.	<.005	.513	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
02-17-97	0930	do.	<.005	.233	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
03-05-97	1300	do.	<.005	1.97	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05-01-97	0755	do.	<.005	6.11	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
07-17-97	0950	do.	<.005	.237	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.017
09-16-97	0805	do.	<.005	.053	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
10-22-97	1100	do.	<.005	.089	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
11-13-97	0920	do.	<.005	.054	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
12-11-97	1120	do.	<.005	.065	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
01-28-98	1125	do.	<.005	.087	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
02-17-98	0900	do.	.008	.606	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.003
03-26-98	1220	do.	<.005	.236	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
04-09-98	1045	do.	<.005	.174	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
06-09-98	0855	do.	<.005	.090	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
07-09-98	0900	do.	<.005	.202	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
08-11-98	0850	do.	<.005	.223	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
09-14-98	1050	do.	<.005	.039	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05461390, Flood Creek near Powersville, IA (site 7, fig. 1)													
10-23-96	1107	regular	<0.005	0.004	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	<0.018
12-11-96	1150	do.	<.005	.012	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
01-14-97	0950	do.	<.005	.006	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
02-19-97	1050	do.	<.005	.047	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-18-97	1018	do.	<.005	3.56	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
05-03-97	1053	do.	<.005	2.86	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
04-02-98	0843	do.	<.005	1.74	<.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
05-06-98	0838	do.	<.005	.228	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
06-03-98	0906	do.	<.005	.243	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
07-08-98	0848	do.	<.005	.096	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
08-05-98	0837	do.	<.005	.016	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
08-05-98	0847	spike	.150	.137	.087	.101	.117	.112	.124	.097	.0940	.053	.122
09-02-98	0842	regular	<.005	.011	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.003
09-02-98	0847	replicate	<.005	.011	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.003
05464020, Cedar River at Gilbertville, IA (site 8, fig. 1)													
10-15-96	1120	regular	<.005	.035	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.013
11-12-96	1103	do.	<.005	.069	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
12-12-96	1340	do.	<.005	.060	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
01-15-97	0855	do.	<.005	.405	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
02-10-97	1015	do.	<.005	.235	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)													
10-10-96	1047	regular	<.005	.042	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
11-07-96	1018	do.	<.005	.114	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
12-05-96	0959	do.	<.005	.047	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
01-13-97	1205	do.	<.005	.276	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
02-06-97	0923	do.	<.005	.685	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-12-97	1035	do.	<.005	.543	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
03-17-97	0945	do.	<.005	.214	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued													
03-17-97	0955	spike	0.107	0.348	0.099	0.110	0.096	0.122	0.114	0.105	0.102	0.074	0.133
03-24-97	1026	regular	<.005	.092	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
04-02-97	1026	do.	<.005	.059	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
04-08-97	1030	do.	<.005	.084	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
04-14-97	1235	do.	<.005	.115	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
04-21-97	1028	do.	<.005	.081	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
04-28-97	1006	blank	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
04-28-97	1026	regular	<.005	.216	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
05-05-97	1015	do.	<.005	.403	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
05-12-97	1022	do.	<.005	.165	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.002
05-19-97	1033	do.	<.005	.171	<.004	<.004	<.003	<.004	<.006	<.004	E.0346	<.002	E.002
05-27-97	0936	do.	<.005	1.55	.038	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
06-03-97	1116	do.	<.005	.063	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
06-09-97	0946	do.	<.005	.126	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
06-16-97	0943	do.	<.005	2.21	.007	<.004	<.003	<.004	<.006	<.004	.025	<.002	<.018
06-24-97	0951	do.	<.005	1.05	.014	<.004	<.003	<.004	<.006	<.004	.016	<.002	E.004
06-30-97	1022	do.	.038	.184	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.046
07-14-97	0944	do.	<.005	.246	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
07-28-97	0928	do.	<.005	.080	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
07-28-97	0933	replicate	<.005	.052	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
08-12-97	0916	regular	<.005	.044	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
08-25-97	1000	do.	<.005	.516	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
09-09-97	0945	do.	<.005	.179	E.003	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
09-24-97	0940	do.	<.005	.222	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
10-10-97	0938	do.	<.005	.112	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
10-10-97	0943	replicate	<.005	.113	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.003

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Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued													
10-21-97	0854	regular	<0.005	0.043	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	E0.003
11-07-97	0919	do.	<.005	.032	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.003
11-18-97	0857	do.	<.005	.033	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.003
12-04-97	0919	do.	<.005	.096	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
01-08-98	0910	do.	<.005	.112	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.003
02-20-98	0941	do.	<.005	.071	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.002
03-18-98	0918	do.	<.005	.027	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
04-01-98	0945	do.	<.005	.359	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
05-07-98	0919	do.	<.005	.612	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
06-04-98	0933	do.	<.005	.135	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
06-10-98	1215	do.	<.005	1.99	.154	<.004	<.003	<.004	<.006	<.004	.026	<.002	<.018
06-12-98	1238	do.	<.005	8.72	.169	<.004	<.003	<.004	<.006	<.004	.111	<.002	E.008
06-22-98	1415	do.	<.005	3.11	.059	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.044
07-09-98	0924	do.	<.005	.235	<.004	<.004	<.003	<.004	<.006	<.004	.015	<.002	<.018
08-06-98	0855	do.	<.005	.374	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
09-03-98	0936	blank	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
09-03-98	0956	regular	<.005	.045	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)													
10-29-96	1030	regular	<.005	.070	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
11-13-96	1013	do.	<.005	.088	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
12-05-96	1030	do.	<.005	.114	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
01-22-97	0950	do.	<.005	.327	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
01-22-97	0955	replicate	<.005	.326	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
02-03-97	0938	regular	<.010	.336	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
03-13-97	0950	do.	<.005	1.01	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
05-07-97	0933	do.	<.005	1.40	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
04-03-98	0851	do.	<.005	.253	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)—Continued													
05-07-98	0827	regular	<0.005	0.289	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	E0.008
06-04-98	0900	do.	<.005	.316	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.013
07-06-98	0847	do.	<.005	.713	<.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
08-04-98	1300	do.	<.005	.042	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
09-03-98	0840	do.	<.005	.055	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
05465000, Cedar River near Conesville, IA (site 10b, fig. 1)													
10-10-96	1015	regular	<.005	.040	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.017
10-10-96	1020	replicate	<.005	.041	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.018
10-29-96	0855	regular	<.005	.064	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
05465500 Iowa River at Wapello, IA (site 11, fig. 1)													
10-08-96	1155	regular	<.005	.057	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.019
11-06-96	1038	do.	<.005	.078	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
12-03-96	1040	do.	<.005	.111	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
01-07-97	1115	do.	<.005	.096	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
02-05-97	1030	do.	<.005	.472	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
03-11-97	1220	do.	<.005	.704	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
03-11-97	1225	replicate	<.005	.686	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
03-20-97	0918	regular	<.005	1.43	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-20-97	0928	spike	.108	1.45	.094	.098	.106	.128	.106	.101	.104	.079	.110
03-27-97	0941	regular	<.005	1.03	<.050	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
03-31-97	0936	do.	<.005	1.11	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
04-10-97	0922	do.	<.005	.329	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
04-16-97	0931	do.	<.005	.241	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
04-23-97	0945	do.	<.005	.119	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
04-30-97	0956	do.	<.005	.183	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
05-07-97	0920	do.	<.005	2.05	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
05-14-97	0955	do.	<.005	.776	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
05-21-97	1028	do.	<.005	6.14	.055	<.004	<.003	<.004	<.006	<.004	E.085	<.002	E.005

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)—Continued													
05-29-97	1049	regular	<0.005	1.87	0.039	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	E0.008
06-05-97	0940	do.	<.005	.450	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
06-12-97	0906	do.	<.005	.410	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
06-19-97	0908	do.	<.005	.436	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
06-19-97	0918	spike	1.81	6.65	1.22	<.004	<.003	<.004	<.006	<.004	<.004	<.002	2.27
06-25-97	0955	regular	<.005	.466	<.004	E.0019	<.003	<.004	<.006	<.004	.008	<.002	E.013
07-02-97	0912	do.	<.005	1.66	.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.013
07-16-97	0941	do.	<.005	.323	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.020
07-31-97	0927	do.	<.005	.181	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
08-13-97	0918	do.	<.005	.081	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
08-28-97	0919	do.	<.005	.060	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.014
09-05-97	0906	do.	<.005	.061	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.014
09-23-97	0936	do.	<.005	.048	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
10-06-97	1030	blank	<.005	<.002	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
10-06-97	1050	regular	<.005	.044	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
10-22-97	0951	do.	<.005	.094	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.011
11-03-97	0953	do.	<.005	.052	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
11-19-97	0935	do.	<.005	.054	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
11-19-97	0945	spike	1.61	5.37	1.64	<.004	<.003	<.004	<.006	<.004	<.004	<.002	2.13
12-01-97	0928	regular	<.005	.050	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
01-05-98	0938	do.	<.005	.076	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
01-05-98	0948	spike	.070	.181	.079	.098	.096	.083	.093	.097	.076	.056	.102
02-17-98	0936	regular	<.005	.271	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
03-09-98	1000	do.	<.005	.280	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.003
03-30-98	0905	do.	<.005	.100	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
04-04-98	1020	do.	<.005	.240	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)—Continued													
05-04-98	0909	regular	<0.005	0.163	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	<0.004	<0.002	E0.007
06-01-98	0913	do.	<.005	1.82	<.020	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.082
06-19-98	1002	do.	<.005	1.96	.030	<.004	<.003	<.004	<.006	<.004	.015	<.002	E.012
07-02-98	1049	do.	<.005	.999	.011	<.004	<.003	<.004	<.006	<.004	<.010	<.002	E.010
08-03-98	0925	do.	<.005	.296	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.009
08-31-98	0940	do.	<.005	.094	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.012
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)													
10-07-96	1020	regular	<.005	.112	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.044
11-04-96	1100	do.	<.005	.242	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.013
12-06-96	1045	do.	<.005	.077	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.040
01-02-97	1305	do.	<.005	.094	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.056
02-06-97	1115	do.	<.005	.181	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
03-20-97	1220	do.	<.005	.052	<.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
04-10-97	1130	do.	<.005	.058	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.011
05-06-97	1345	do.	<.005	1.43	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
06-05-97	1130	do.	<.005	1.07	.017	<.004	<.003	<.004	<.006	<.004	E.018	<.002	E.008
07-14-97	1230	do.	<.005	.360	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.018
08-11-97	1405	do.	<.005	.170	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.029
09-04-97	1110	do.	<.005	.170	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.038
10-07-97	1155	do.	<.005	.127	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.030
11-06-97	1125	do.	<.005	.047	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.014
12-01-97	1145	do.	<.005	.139	.036	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.006
01-15-98	1155	do.	<.005	.041	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005
02-05-98	1140	do.	<.005	.069	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.003
03-03-98	1040	do.	<.005	.033	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.004
04-07-98	1100	do.	<.005	.038	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05-05-98	1300	do.	<.005	.455	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.005

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Malathion (39532)	Metol-achlor (39415)	Metri-buzin (82630)	Molinate (82671)	Naprop-amide (82684)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendi-methalin (82683)	Phorate (82664)	Prometon (04037)
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)—Continued													
06-02-98	1140	regular	<0.005	1.07	<0.004	<0.004	<0.003	<0.004	<0.006	<0.004	0.009	<0.002	0.021
07-08-98	1210	do.	<.005	1.00	.051	<.004	<.003	<.004	<.006	<.004	<.020	<.002	E.011
08-04-98	1205	do.	<.005	E.130	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.017
05474000, Skunk River at Augusta, IA (site 12, fig. 1)													
10-09-96	0940	regular	<.005	.170	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.068
11-07-96	0909	do.	<.005	.130	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	.025
12-04-96	0933	do.	<.005	.094	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.015
01-08-97	0930	do.	<.005	.057	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.013
02-06-97	0857	do.	<.005	.211	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.013
03-12-97	0930	do.	<.005	.214	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.008
03-31-98	0824	do.	<.005	.088	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	<.018
05-05-98	0830	do.	<.005	.800	<.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
05-26-98	1200	do.	<.005	9.61	.071	<.004	<.003	<.004	<.006	<.004	.045	<.002	.018
06-02-98	0820	do.	<.005	1.89	<.010	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.014
06-18-98	1044	do.	<.005	3.46	.035	<.004	<.003	<.004	<.006	<.004	.021	<.002	E.010
07-08-98	0930	do.	<.005	.976	.023	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.010
08-04-98	0810	do.	<.005	.092	<.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.007
09-01-98	0815	do.	<.005	.151	E.004	<.004	<.003	<.004	<.006	<.004	<.004	<.002	E.018

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05420680, Wapsipinicon River near Tripoli, IA (site 1, fig. 1)													
10-09-96	1043	regular	<0.007	<0.004	<0.013	<0.003	<0.005	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
11-06-96	1058	blank	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-06-96	1118	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-04-96	1011	do.	<.007	<.004	<.013	<.003	<.005	E.008	<.007	<.013	<.002	<.001	<.002
01-08-97	1103	do.	<.007	<.004	<.013	<.003	<.005	.016	<.007	<.013	<.002	<.001	<.002
01-08-97	1108	replicate	<.007	<.004	<.013	<.003	<.005	.018	<.007	<.013	<.002	<.001	<.002
02-05-97	1105	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-17-97	1305	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-05-97	1044	do.	<.007	<.004	<.013	<.003	.007	<.010	<.007	<.013	<.002	<.001	<.002
04-02-98	1443	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-06-98	1249	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-27-98	1335	do.	<.007	<.004	<.013	<.003	.018	<.010	<.007	<.013	<.002	<.001	.005
06-03-98	1450	do.	<.007	<.004	<.013	<.003	.017	<.010	<.007	<.013	<.002	<.001	<.002
06-20-98	1030	do.	<.007	<.004	<.013	<.003	.032	E.010	<.007	<.013	<.002	<.001	<.002
07-08-98	1315	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-05-98	1231	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-05-98	1241	spike	.140	.130	.142	.122	.112	.135	E.141	.080	.115	.115	.115
09-02-98	1308	regular	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)													
10-15-96	1120	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-13-96	0946	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-09-96	0924	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-13-97	1025	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-11-97	1017	do.	<.007	<.004	<.013	<.003	.012	<.010	<.007	<.013	<.002	<.001	<.002
03-20-97	0920	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-06-97	0937	do.	<.007	<.004	<.013	<.003	.007	E.009	<.007	<.013	<.002	<.001	<.002
04-02-98	0900	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)—Continued													
05-06-98	0925	regular	<0.007	<0.004	<0.013	<0.003	<0.005	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
06-03-98	0915	do.	<.007	<.004	<.013	<.003	.027	<.010	<.007	<.013	<.002	<.001	<.002
06-17-98	1300	do.	<.007	<.004	<.013	<.003	.018	.010	<.007	<.013	<.002	<.001	E.002
07-09-98	0855	do.	<.007	<.004	<.013	<.003	.010	<.010	<.007	<.013	<.002	<.001	<.002
08-06-98	0900	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-02-98	0915	do.	<.007	<.004	<.013	<.003	<.005	E.0087	<.007	<.013	<.002	<.001	<.002
09-02-98	0925	spike	<.007	<.004	3.13	<.003	3.32	<.010	<.007	<.013	<.002	<.001	<.002
05449500, Iowa River near Rowan, IA (site 3, fig. 1)													
10-08-96	1010	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-08-96	1015	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-05-96	0935	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-03-96	0928	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-09-97	0950	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-04-97	1015	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-11-97	0950	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-18-97	0856	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.004
03-25-97	0908	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	E.003
04-03-97	0847	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-09-97	0854	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-15-97	0925	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-22-97	0944	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	E.004
04-22-97	0954	spike	.131	.114	.098	.092	.098	.136	E.088	.074	.098	.084	.083
04-22-97	0955	do.	.138	.115	.096	.092	.100	E.191	E.090	.072	.098	.083	.085
04-29-97	0913	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	E.004
05-03-97	1046	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-13-97	0951	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.006
05-20-97	0853	do.	E.006	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued													
05-28-97	0933	regular	<0.007	<0.004	<0.013	<0.003	<0.005	<0.010	<0.007	<0.013	<0.002	<0.001	0.003
05-28-97	0943	spike	.118	.112	.078	.092	.102	.116	E.076	.078	.108	.095	.083
06-04-97	0921	regular	<.007	<.004	<.013	<.003	E.002	<.010	<.007	<.013	<.002	<.001	<.002
06-10-97	0919	do.	E.003	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
06-17-97	0858	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
06-23-97	1156	do.	<.007	<.004	<.013	<.003	.015	<.010	<.007	<.013	<.002	<.001	.038
07-01-97	0905	do.	<.007	<.004	<.013	<.003	E.004	<.010	<.007	<.013	<.002	<.001	E.003
07-15-97	0850	do.	<.007	<.004	<.013	<.003	.008	<.010	<.007	<.013	<.002	<.001	<.002
07-29-97	0900	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	E.002
08-11-97	1200	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-26-97	0837	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-26-97	0847	spike	<.007	<.004	1.86	<.003	2.20	<.010	<.007	<.013	<.002	<.001	<.002
09-11-97	1005	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-25-97	0852	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-08-97	0928	blank	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-08-97	0948	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-20-97	1134	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-05-97	0857	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-17-97	1134	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-02-97	0908	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-06-98	0919	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-06-98	0929	spike	.112	.104	.074	.086	.105	.110	E.122	.055	.097	.096	.077
02-18-98	0924	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.005
03-12-98	0926	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-31-98	0922	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-05-98	0922	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	E.004

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued													
06-02-98	0904	regular	<0.007	<0.004	<0.013	<0.003	E0.004	<0.010	<0.007	<0.013	<0.002	<0.001	0.006
06-13-98	0928	do.	<.007	<.004	<.013	<.003	.011	<.010	<.007	<.013	<.002	<.001	<.002
06-23-98	0848	do.	<.007	<.004	<.013	<.003	.016	<.010	<.007	<.013	<.002	<.001	.012
07-07-98	0900	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.010	<.001	E.002
07-07-98	0905	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.010	<.001	E.002
08-04-98	0903	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-01-98	0944	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05449600, Wheeler Creek near Rowan, IA (site f, fig. 1)													
09-10-98	1030	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05451210, South Fork Iowa River northeast of New Providence, IA (site 4, fig. 1)													
10-07-96	1215	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-04-96	1210	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-04-96	1220	spike	.146	.134	.074	.134	.120	.182	E.071	.107	.121	.105	.117
12-02-96	1155	regular	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
01-06-97	1133	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-03-97	1108	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-10-97	1155	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-10-97	1200	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-30-98	1113	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-30-98	1118	replicate	<.007	<.004	<.013	<.003	E.004	<.010	<.007	<.013	<.002	<.001	<.002
04-01-98	1033	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-04-98	1120	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.004
05-29-98	1246	do.	<.007	<.004	<.013	<.003	.691	<.010	<.007	<.013	<.002	<.001	.015
06-01-98	1318	do.	<.007	<.004	<.013	<.003	.078	<.010	<.007	<.013	<.002	<.001	<.002
06-12-98	1155	do.	<.007	<.004	<.013	<.003	.036	<.010	<.007	<.013	<.002	<.001	.0055
07-06-98	1213	do.	<.007	<.004	<.013	<.003	.041	<.010	<.007	<.013	<.002	<.001	E.002
08-03-98	1046	do.	<.007	<.004	<.013	<.003	.010	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05451210, South Fork Iowa River northeast of New Providence, IA (site 4, fig. 1)—Continued													
08-31-98	1102	regular	<0.007	<0.004	<0.013	<0.003	0.006	E0.0039	<0.007	<0.013	<0.002	<0.001	<0.002
05453100, Iowa River at Marengo, IA (site 5, fig. 1)													
10-16-96	0939	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-14-96	0925	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-14-96	0935	spike	.134	.122	.085	.124	.111	.176	E.0871	.099	.115	.102	.124
12-10-96	0935	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-14-97	1200	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-13-97	0949	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-19-97	0955	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-19-97	1005	spike	.126	.121	.101	.113	.113	.107	E.083	.104	.109	.103	.109
05-06-97	0914	regular	<.007	<.004	<.013	<.003	E.005	<.010	<.007	<.013	<.002	<.001	<.002
04-02-98	1355	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-08-98	0843	do.	<.007	<.004	<.020	<.003	.006	<.010	<.007	<.013	<.002	<.001	E.002
06-05-98	0900	do.	<.007	<.004	<.013	<.003	.017	<.010	<.007	<.013	<.002	<.001	<.002
06-13-98	0946	do.	E.002	<.004	<.013	<.003	.054	<.010	<.007	<.013	<.002	<.001	.008
06-26-98	0922	do.	<.007	<.004	<.013	<.003	.017	<.010	<.007	<.013	<.002	<.001	E.002
07-07-98	0920	do.	<.007	<.004	<.013	<.003	.018	<.010	<.007	<.013	<.002	<.001	<.002
08-07-98	0900	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-04-98	0850	do.	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
09-04-98	0855	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)													
10-07-96	0948	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-12-96	0956	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-02-96	0945	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-06-97	0938	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-04-97	0919	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-10-97	1025	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.005

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)—Continued													
05-01-97	0914	regular	<0.007	<0.004	<0.013	<0.003	0.011	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
03-31-98	1245	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-05-98	1343	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
06-02-98	1325	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
06-10-98	0826	do.	<.007	<.004	<.013	<.003	.014	<.010	<.007	<.013	<.002	<.001	<.002
06-30-98	1239	do.	<.007	<.004	<.013	<.003	.021	<.010	<.007	<.013	<.002	<.001	E.002
07-10-98	0745	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
07-10-98	0750	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-05-98	0810	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-05-98	0812	spike	.135	.136	.107	.128	.102	.125	E.080	.087	.122	.110	.102
08-05-98	0813	do.	<.007	<.004	2.36	<.003	3.31	<.010	<.007	<.013	<.002	<.001	<.002
08-05-98	0814	do.	<.007	<.004	4.99	<.003	6.71	<.010	<.007	<.013	<.002	<.001	<.002
09-01-98	1300	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05455570, English River at Riverside, IA (site i, fig. 1)													
10-07-96	0825	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-04-96	0810	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-06-96	0900	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-02-97	0955	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-06-97	0825	do.	.023	<.004	<.013	<.003	.023	<.010	<.007	<.013	<.002	<.001	<.002
03-20-97	1015	do.	<.007	<.004	<.013	<.003	.010	<.010	<.007	<.013	<.002	<.001	<.002
04-10-97	0850	do.	<.007	<.004	<.013	<.003	.006	<.010	<.007	<.013	<.002	<.001	<.002
05-06-97	1515	do.	<.007	<.004	<.013	<.003	.008	<.010	<.007	<.013	<.002	<.001	E.004
06-05-97	0855	do.	<.007	<.004	<.013	<.003	.009	<.010	<.007	<.013	<.002	<.001	E.002
07-14-97	0920	do.	<.007	<.004	<.013	<.003	E.005	<.010	<.007	<.013	<.002	<.001	<.002
09-04-97	0845	do.	<.007	<.004	<.013	<.003	E.004	<.010	<.007	<.013	<.002	<.001	<.002
10-07-97	0935	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-06-97	1410	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05455570, English River at Riverside, IA (site i, fig. 1)—Continued													
12-01-97	0935	regular	<0.007	<0.004	<0.013	<0.003	<0.005	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
01-08-98	0915	do.	<.007	<.004	<.013	<.003	.008	<.010	<.007	<.013	<.002	<.001	<.002
02-05-98	0910	do.	<.007	<.004	<.013	<.003	E.005	<.010	E.007	<.013	<.002	<.001	<.002
03-03-98	0835	do.	<.007	<.004	<.013	<.003	.005	<.010	<.007	<.013	<.002	<.001	<.002
04-07-98	0850	do.	<.007	<.004	<.013	<.003	.008	<.010	<.007	<.013	<.002	<.001	<.002
05-05-98	1415	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
06-02-98	0855	do.	<.007	<.004	<.013	<.003	.006	<.010	<.007	<.013	<.002	<.001	<.002
07-08-98	1000	do.	E.005	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-04-98	0900	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05457750, Cedar River near Carville, IA (site k, fig. 1)													
10-17-96	1010	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-06-96	0915	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-19-96	1015	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-21-97	1130	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-17-97	1120	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-05-97	0805	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-22-97	0950	do.	<.007	<.004	<.013	<.003	E.002	<.010	<.007	<.013	<.002	<.001	<.002
05-01-97	0900	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
07-17-97	1115	do.	<.007	<.004	<.013	<.003	.011	<.010	<.007	<.013	<.002	<.001	E.003
09-16-97	0920	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-23-97	0840	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-13-97	1055	do.	<.007	<.004	<.013	<.003	.008	<.010	<.007	<.013	<.002	<.001	<.002
12-11-97	1020	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-28-98	1010	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-17-98	1010	do.	<.007	<.004	<.013	<.003	.071	<.010	<.007	<.013	<.002	<.001	<.002
03-26-98	0730	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-09-98	0830	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05457750, Cedar River near Carville, IA (site k, fig. 1)—Continued													
06-09-98	1020	regular	<0.007	<0.004	<0.013	<0.003	0.055	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
07-09-98	1015	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-11-98	1035	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-14-98	1230	do.	<.007	<.004	<.013	<.003	E.002	<.010	<.007	<.013	<.002	<.001	<.002
05458870, Maynes Creek near Kesley, IA (site m, fig. 1)													
09-09-98	0957	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05458900, West Fork Cedar River near Finchford, IA (site n, fig. 1)													
10-17-96	0840	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-06-96	0815	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-19-96	0910	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-21-97	0955	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-17-97	0930	do.	<.007	<.004	<.013	<.003	E.004	<.010	<.007	<.013	<.002	<.001	<.002
03-05-97	1300	do.	<.007	<.004	<.013	<.003	.018	<.010	<.007	<.013	<.002	<.001	<.002
05-01-97	0755	do.	<.007	<.004	<.013	<.003	.018	<.010	<.007	<.013	<.002	<.001	<.002
07-17-97	0950	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-16-97	0805	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-22-97	1100	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-13-97	0920	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-11-97	1120	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-28-98	1125	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-17-98	0900	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-26-98	1220	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-09-98	1045	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
06-09-98	0855	do.	<.007	<.004	<.013	<.003	.010	<.010	<.007	<.013	<.002	<.001	<.002
07-09-98	0900	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-11-98	0850	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-14-98	1050	do.	<.007	<.004	<.013	<.003	E.002	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05461390, Flood Creek near Powersville, IA (site 7, fig. 1)													
10-23-96	1107	regular	<0.007	<0.004	<0.013	<0.003	<0.005	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
12-11-96	1150	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-14-97	0950	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-19-97	1050	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-18-97	1018	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	E.003
05-03-97	1053	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-02-98	0843	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-06-98	0838	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
06-03-98	0906	do.	<.007	<.004	<.013	<.003	E.004	<.010	<.007	<.013	<.002	<.001	.006
07-08-98	0848	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-05-98	0837	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-05-98	0847	spike	.124	.125	.111	.114	.099	.110	E.073	.086	.111	.101	.094
09-02-98	0842	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-02-98	0847	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05464020, Cedar River at Gilbertville, IA (site 8, fig. 1)													
10-15-96	1120	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-12-96	1103	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-12-96	1340	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-15-97	0855	do.	<.007	<.004	<.013	<.003	<.005	E.003	<.007	<.013	<.002	<.001	<.002
02-10-97	1015	do.	<.007	<.004	<.013	<.003	<.005	E.003	<.007	<.013	<.002	<.001	<.002
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)													
10-10-96	1047	regular	<.007	<.004	<.013	<.003	.006	<.010	<.007	<.013	<.002	<.001	<.002
11-07-96	1018	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-05-96	0959	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-13-97	1205	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.005
02-06-97	0923	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.008
03-12-97	1035	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	E.002
03-17-97	0945	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued													
03-17-97	0955	spike	0.126	0.118	0.083	0.112	0.127	0.144	E0.092	0.103	0.102	0.094	0.106
03-24-97	1026	regular	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
04-02-97	1026	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-08-97	1030	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-14-97	1235	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-21-97	1028	do.	<.007	<.004	<.013	<.003	E.002	<.010	<.007	<.013	<.002	<.001	<.002
04-28-97	1006	blank	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-28-97	1026	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-05-97	1015	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-12-97	1022	do.	<.007	<.004	<.013	<.003	E.002	<.010	<.007	<.013	<.002	<.001	.004
05-19-97	1033	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.006
05-27-97	0936	do.	<.007	<.004	<.013	<.003	E.004	<.010	<.007	<.013	<.002	<.001	E.002
06-03-97	1116	do.	<.007	<.004	<.013	<.003	.010	<.010	<.007	<.013	<.002	<.001	<.002
06-09-97	0946	do.	<.007	<.004	<.013	<.003	.022	<.010	<.007	<.013	<.002	<.001	<.002
06-16-97	0943	do.	<.007	<.004	<.013	<.003	.039	<.010	<.007	<.013	<.002	<.001	.005
06-24-97	0951	do.	<.007	<.004	<.013	<.003	.018	<.010	<.007	<.013	<.002	<.001	.004
06-30-97	1022	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	E.002
07-14-97	0944	do.	<.007	<.004	<.013	<.003	.005	<.010	<.007	<.013	<.002	<.001	<.002
07-28-97	0928	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
07-28-97	0933	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
08-12-97	0916	regular	<.007	<.004	<.013	<.003	.005	<.010	<.007	<.013	<.002	<.001	<.002
08-25-97	1000	do.	<.007	<.004	<.013	<.003	.006	<.010	<.007	<.013	<.002	<.001	<.002
09-09-97	0945	do.	<.007	<.004	<.013	<.003	.005	<.010	<.007	<.013	<.002	<.001	<.002
09-24-97	0940	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-10-97	0938	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-10-97	0943	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued													
10-21-97	0854	regular	<0.007	<0.004	<0.013	<0.003	E0.003	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
11-07-97	0919	do.	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
11-18-97	0857	do.	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
12-04-97	0919	do.	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
01-08-98	0910	do.	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
02-20-98	0941	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-18-98	0918	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-01-98	0945	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	E.002
05-07-98	0919	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.006
06-04-98	0933	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
06-10-98	1215	do.	<.007	<.004	<.013	<.003	.028	<.010	<.007	<.013	<.002	<.001	.004
06-12-98	1238	do.	<.007	<.004	<.013	<.003	.041	<.010	<.007	<.013	<.002	<.001	.030
06-22-98	1415	do.	<.007	<.004	<.013	<.003	.029	<.010	<.007	<.013	<.002	<.001	.015
07-09-98	0924	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	E.004
08-06-98	0855	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-03-98	0936	blank	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-03-98	0956	regular	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)													
10-29-96	1030	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-13-96	1013	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-05-96	1030	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-22-97	0950	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-22-97	0955	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-03-97	0938	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-13-97	0950	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-07-97	0933	do.	<.007	<.004	<.013	<.003	.010	<.010	<.007	<.013	<.002	<.001	<.002
04-03-98	0851	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)—Continued													
05-07-98	0827	regular	<0.007	<0.004	<0.013	<0.003	<0.005	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
06-04-98	0900	do.	<.007	<.004	<.013	<.003	.006	<.010	<.007	<.013	<.002	<.001	<.002
07-06-98	0847	do.	<.007	<.004	<.013	<.003	.006	<.010	<.007	<.013	<.002	<.001	<.002
08-04-98	1300	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-03-98	0840	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05465000, Cedar River near Conesville, IA (site 10b, fig. 1)													
10-10-96	1015	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-10-96	1020	replicate	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-29-96	0855	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05465500, Iowa River at Wapello, IA (site 11, fig. 1)													
10-08-96	1155	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-06-96	1038	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-03-96	1040	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-07-97	1115	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-05-97	1030	do.	<.007	<.004	<.013	<.003	.014	<.010	<.007	<.013	<.002	<.001	<.002
03-11-97	1220	do.	<.007	<.004	<.013	<.003	.006	<.010	<.007	<.013	<.002	<.001	<.002
03-11-97	1225	replicate	<.007	<.004	<.013	<.003	.007	<.010	<.007	<.013	<.002	<.001	<.002
03-20-97	0918	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-20-97	0928	spike	.114	.111	.084	.106	.111	.112	E.085	.098	.098	.091	.102
03-27-97	0941	regular	<.007	<.004	<.013	<.003	<.050	<.010	<.007	<.013	<.002	<.001	<.002
03-31-97	0936	do.	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
04-10-97	0922	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-16-97	0931	do.	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
04-23-97	0945	do.	<.007	<.004	<.013	<.003	E.002	<.010	<.007	<.013	<.002	<.001	.004
04-30-97	0956	do.	<.007	<.004	<.013	<.003	.018	<.010	<.007	<.013	<.002	<.001	<.002
05-07-97	0920	do.	<.007	<.004	<.013	<.003	.008	<.010	<.007	<.013	<.002	<.001	<.002
05-14-97	0955	do.	<.007	<.004	<.013	<.003	E.005	<.010	<.007	<.013	<.002	<.001	E.004
05-21-97	1028	do.	E.005	<.004	<.013	<.003	.030	<.010	<.007	<.013	<.002	<.001	.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05465500, Iowa River at Wapello, IA (site 11, fig. 1)—Continued													
05-29-97	1049	regular	<0.007	<0.004	<0.013	<0.003	0.017	<0.010	<0.007	<0.013	<0.002	<0.001	E0.002
06-05-97	0940	do.	<.007	<.004	<.013	<.003	.010	<.010	<.007	<.013	<.002	<.001	<.002
06-12-97	0906	do.	<.007	<.004	<.013	<.003	.012	<.010	<.007	<.013	<.002	<.001	<.002
06-19-97	0908	do.	<.007	<.004	<.013	<.003	.012	<.010	<.007	<.013	<.002	<.001	<.002
06-19-97	0918	spike	<.007	<.004	3.16	<.003	2.24	<.010	<.007	<.013	<.002	<.001	<.002
06-25-97	0955	regular	<.007	<.004	<.013	<.003	.022	<.010	<.007	<.013	<.002	<.001	<.002
07-02-97	0912	do.	<.007	<.004	<.013	<.003	.018	<.010	<.007	<.013	<.002	<.001	<.002
07-16-97	0941	do.	<.007	<.004	<.013	<.003	.007	<.010	<.007	<.013	<.002	<.001	<.002
07-31-97	0927	do.	<.007	<.004	<.013	<.003	.010	<.010	<.007	<.013	<.002	<.001	<.002
08-13-97	0918	do.	<.007	<.004	<.013	<.003	.021	<.010	<.007	<.013	<.002	<.001	<.002
08-28-97	0919	do.	<.007	<.004	<.013	<.003	.006	<.010	<.007	<.013	<.002	<.001	<.002
09-05-97	0906	do.	<.007	<.004	<.013	<.003	.008	<.010	<.007	<.013	<.002	<.001	<.002
09-23-97	0936	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-06-97	1030	blank	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
10-06-97	1050	regular	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
10-22-97	0951	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-03-97	0953	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-19-97	0935	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-19-97	0945	spike	<.007	<.004	2.05	<.003	2.04	<.010	<.007	<.013	<.002	<.001	<.002
12-01-97	0928	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-05-98	0938	do.	<.007	<.004	<.013	<.003	.005	<.010	<.007	<.013	<.002	<.001	<.002
01-05-98	0948	spike	.113	.110	.067	.090	.105	.100	E.081	.072	.107	.099	.066
02-17-98	0936	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-09-98	1000	do.	<.007	<.004	<.013	<.003	E.003	<.010	<.007	<.013	<.002	<.001	<.002
03-30-98	0905	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-04-98	1020	do.	<.007	<.004	<.013	<.003	E.004	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05465500, Iowa River at Wapello, IA (site 11, fig. 1)—Continued													
05-04-98	0909	regular	<0.007	<0.004	<0.013	<0.003	<0.005	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
06-01-98	0913	do.	<.007	<.004	<.013	<.003	.015	<.010	<.007	<.013	<.002	<.001	<.002
06-19-98	1002	do.	<.007	<.004	<.013	<.003	.028	<.010	<.007	<.013	<.002	<.001	.007
07-02-98	1049	do.	<.007	<.004	<.013	<.003	.011	<.010	<.007	<.013	<.002	<.001	<.002
08-03-98	0925	do.	<.007	<.004	<.013	<.003	.014	<.010	<.007	<.013	<.002	<.001	<.002
08-31-98	0940	do.	<.007	<.004	<.013	<.003	E.004	<.010	<.007	<.013	<.002	<.001	<.002
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)													
10-07-96	1020	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-04-96	1100	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-06-96	1045	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-02-97	1305	do.	<.007	<.004	<.013	<.003	.014	<.010	<.007	<.013	<.002	<.001	<.002
02-06-97	1115	do.	<.007	<.004	<.013	<.003	<.005	E.009	<.007	<.013	<.002	<.001	<.002
03-20-97	1220	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
04-10-97	1130	do.	<.007	<.004	<.013	<.003	<.005	.019	<.007	<.013	<.002	<.001	<.002
05-06-97	1345	do.	<.007	<.004	<.013	<.003	.025	<.010	<.007	<.013	<.002	<.001	<.002
06-05-97	1130	do.	<.007	<.004	<.013	<.003	.023	E.005	<.007	<.013	<.002	<.001	E.002
07-14-97	1230	do.	<.007	<.004	<.013	<.003	.013	<.010	<.007	<.013	<.002	<.001	<.002
08-11-97	1405	do.	<.007	<.004	<.013	<.003	.010	<.010	<.007	<.013	<.002	<.001	<.002
09-04-97	1110	do.	<.007	<.004	<.013	<.003	.006	.016	<.007	<.013	<.002	<.001	<.002
10-07-97	1155	do.	<.007	<.004	<.013	<.003	<.005	.013	<.007	<.013	<.002	<.001	<.002
11-06-97	1125	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
12-01-97	1145	do.	<.007	<.004	<.013	<.003	.012	<.010	<.007	<.013	<.002	<.001	<.002
01-15-98	1155	do.	<.007	<.004	<.013	<.003	E.004	<.010	<.007	<.013	<.002	<.001	<.002
02-05-98	1140	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
03-03-98	1040	do.	<.007	<.004	<.013	<.003	E.002	<.010	<.007	<.013	<.002	<.001	<.002
04-07-98	1100	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-05-98	1300	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Prop- achlor (04024)	Propanil (82679)	Propargite (82685)	Propyz- amide (82676)	Simazine (04035)	Tebu- thiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thio- bencarb (82681)	Triallate (82678)	Trifluralin (82661)
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)—Continued													
06-02-98	1140	regular	<0.007	<0.004	<0.013	<0.003	0.013	<0.010	<0.007	<0.013	<0.002	<0.001	<0.002
07-08-98	1210	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.006
08-04-98	1205	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05474000, Skunk River at Augusta, IA (site 12, fig. 1)													
10-09-96	0940	regular	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
11-07-96	0909	do.	<.007	<.004	<.013	<.003	<.005	E.004	<.007	<.013	<.002	<.001	<.002
12-04-96	0933	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
01-08-97	0930	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
02-06-97	0857	do.	<.007	<.004	<.013	<.003	.045	E.008	<.007	<.013	<.002	<.001	<.002
03-12-97	0930	do.	<.007	<.004	<.013	<.003	.011	<.010	<.007	<.013	<.002	<.001	<.002
03-31-98	0824	do.	<.007	<.004	<.013	<.003	<.005	.010	<.007	<.013	<.002	<.001	<.002
05-05-98	0830	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
05-26-98	1200	do.	.021	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	.006
06-02-98	0820	do.	<.007	<.004	<.013	<.003	.017	<.010	<.007	<.013	<.002	<.001	<.002
06-18-98	1044	do.	<.007	<.004	<.013	<.003	.028	<.010	<.007	<.013	<.002	<.001	<.002
07-08-98	0930	do.	<.007	<.004	<.013	<.003	.014	<.010	<.007	<.013	<.002	<.001	<.002
08-04-98	0810	do.	<.007	<.004	<.013	<.003	<.005	<.010	<.007	<.013	<.002	<.001	<.002
09-01-98	0815	do.	<.007	<.004	<.013	<.003	.018	<.010	<.007	<.013	<.002	<.001	<.002

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05420680, Wapsipinicon River near Tripoli, IA (site 1, fig. 1)					
10-09-96	1043	regular	<0.002	<0.005	<0.006
11-06-96	1058	blank	<.002	<.005	<.006
11-06-96	1118	regular	<.002	<.005	<.006
12-04-96	1011	do.	<.002	<.005	<.006
01-08-97	1103	do.	<.002	<.005	<.006
01-08-97	1108	replicate	<.002	<.005	<.006
02-05-97	1105	regular	<.002	<.005	<.006
03-17-97	1305	do.	<.002	<.005	<.006
05-05-97	1044	do.	<.002	<.005	<.006
04-02-98	1443	do.	<.002	<.005	<.006
05-06-98	1249	do.	<.002	<.005	<.006
05-27-98	1335	do.	<.002	<.005	<.006
06-03-98	1450	do.	<.002	<.005	<.006
06-20-98	1030	do.	<.002	<.005	<.006
07-08-98	1315	do.	<.002	<.005	<.006
08-05-98	1231	do.	<.002	<.005	<.006
08-05-98	1241	spike	.131	.060	.077
09-02-98	1308	regular	<.002	<.005	<.006
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)					
10-15-96	1120	regular	<.002	<.005	<.006
11-13-96	0946	do.	<.002	<.005	<.006
12-09-96	0924	do.	<.002	<.005	<.006
01-13-97	1025	do.	<.002	<.005	<.006
02-11-97	1017	do.	<.002	<.005	<.006
03-20-97	0920	do.	<.002	<.005	<.006
05-06-97	0937	do.	<.002	<.005	<.006
04-02-98	0900	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)—Continued					
05-06-98	0925	regular	<0.002	<0.005	<0.006
06-03-98	0915	do.	<.002	<.005	<.006
06-17-98	1300	do.	<.002	<.005	<.006
07-09-98	0855	do.	<.002	<.005	<.006
08-06-98	0900	do.	<.002	<.005	<.006
09-02-98	0915	do.	<.002	<.005	<.006
09-02-98	0925	spike	<.002	<.005	<.006
05449500, Iowa River near Rowan, IA (site 3, fig. 1)					
10-08-96	1010	regular	<.002	<.005	<.006
10-08-96	1015	replicate	<.002	<.005	<.006
11-05-96	0935	regular	<.002	<.005	<.006
12-03-96	0928	do.	<.002	<.005	<.006
01-09-97	0950	do.	<.002	<.005	<.006
02-04-97	1015	do.	<.002	<.005	<.006
03-11-97	0950	do.	<.002	<.005	<.006
03-18-97	0856	do.	<.002	<.005	<.006
03-25-97	0908	do.	<.002	<.005	<.006
04-03-97	0847	do.	<.002	<.005	<.006
04-09-97	0854	do.	<.002	<.005	<.006
04-15-97	0925	do.	<.002	<.005	<.006
04-22-97	0944	do.	<.002	<.005	<.006
04-22-97	0954	spike	.099	.012	.058
04-22-97	0955	do.	.107	.012	.056
04-29-97	0913	regular	<.002	<.005	<.006
05-03-97	1046	do.	<.002	<.005	<.006
05-13-97	0951	do.	<.002	<.005	<.006
05-20-97	0853	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued					
05-28-97	0933	regular	<0.002	<0.005	<0.006
05-28-97	0943	spike	.092	.010	.050
06-04-97	0921	regular	<.002	<.005	<.006
06-10-97	0919	do.	<.002	<.005	<.006
06-17-97	0858	do.	<.002	<.005	<.006
06-23-97	1156	do.	<.002	<.005	<.006
07-01-97	0905	do.	<.002	<.005	<.006
07-15-97	0850	do.	<.002	<.005	<.006
07-29-97	0900	do.	<.002	<.005	<.006
08-11-97	1200	do.	<.002	<.005	<.006
08-26-97	0837	do.	<.002	<.005	<.006
08-26-97	0847	spike	<.002	<.005	<.006
09-11-97	1005	regular	<.002	<.005	<.006
09-25-97	0852	do.	<.002	<.005	<.006
10-08-97	0928	blank	<.002	<.005	<.006
10-08-97	0948	regular	<.002	<.005	<.006
10-20-97	1134	do.	<.002	<.005	<.006
11-05-97	0857	do.	<.002	<.005	<.006
11-17-97	1134	do.	<.002	<.005	<.006
12-02-97	0908	do.	<.002	<.005	<.006
01-06-98	0919	do.	<.002	<.005	<.006
01-06-98	0929	spike	.092	.010	.065
02-18-98	0924	regular	<.002	<.005	<.006
03-12-98	0926	do.	<.002	<.005	<.006
03-31-98	0922	do.	<.002	<.005	<.006
05-05-98	0922	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued					
06-02-98	0904	regular	<0.002	<0.005	<0.006
06-13-98	0928	do.	<.002	<.005	<.006
06-23-98	0848	do.	<.002	<.005	<.006
07-07-98	0900	do.	<.002	<.005	<.006
07-07-98	0905	replicate	<.002	<.005	<.006
08-04-98	0903	regular	<.002	<.005	<.006
09-01-98	0944	do.	<.002	<.005	<.006
05449600, Wheeler Creek near Rowan, IA (site f, fig. 1)					
09-10-98	1030	regular	<.002	<.005	<.006
05451210, South Fork Iowa River northeast of New Providence, IA (site 4, fig. 1)					
10-07-96	1215	regular	<.002	<.005	<.006
11-04-96	1210	do.	<.002	<.005	<.006
11-04-96	1220	spike	.106	.017	.052
12-02-96	1155	regular	<.002	<.005	<.006
01-06-97	1133	do.	<.002	<.005	<.006
02-03-97	1108	regular	<.002	<.005	<.006
03-10-97	1155	do.	<.002	<.005	<.006
03-10-97	1200	replicate	<.002	<.005	<.006
03-30-98	1113	regular	<.002	<.005	<.006
03-30-98	1118	replicate	<.002	<.005	<.006
04-01-98	1033	regular	<.002	<.005	<.006
05-04-98	1120	do.	<.002	<.005	<.006
05-29-98	1246	do.	<.002	<.005	<.006
06-01-98	1318	do.	<.002	<.005	<.006
06-12-98	1155	do.	<.002	<.005	<.006
07-06-98	1213	do.	<.002	<.005	<.006
08-03-98	1046	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05451210, South Fork Iowa River northeast of New Providence, IA (site 4, fig. 1)—Continued					
08-31-98	1102	regular	<0.002	<0.005	<0.006
05453100, Iowa River at Marengo, IA (site 5, fig. 1)					
10-16-96	0939	regular	<.002	<.005	<.006
11-14-96	0925	do.	<.002	<.005	<.006
11-14-96	0935	spike	.092	.027	.070
12-10-96	0935	regular	<.002	<.005	<.006
01-14-97	1200	do.	<.002	<.005	<.006
02-13-97	0949	do.	<.002	<.005	<.006
03-19-97	0955	do.	<.002	<.005	<.006
03-19-97	1005	spike	.117	.013	.073
05-06-97	0914	regular	<.002	<.005	<.006
04-02-98	1355	do.	<.002	<.005	<.006
05-08-98	0843	do.	<.002	<.005	<.006
06-05-98	0900	do.	<.002	<.005	<.006
06-13-98	0946	do.	<.002	<.005	<.006
06-26-98	0922	do.	<.002	<.005	<.006
07-07-98	0920	do.	<.002	<.005	<.006
08-07-98	0900	do.	<.002	<.005	<.006
09-04-98	0850	do.	<.002	<.005	<.006
09-04-98	0855	replicate	<.002	<.005	<.006
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)					
10-07-96	0948	regular	<.002	<.005	<.006
11-12-96	0956	do.	<.002	<.005	<.006
12-02-96	0945	do.	<.002	<.005	<.006
01-06-97	0938	do.	<.002	<.005	<.006
02-04-97	0919	do.	<.002	<.005	<.006
03-10-97	1025	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)—Continued					
05-01-97	0914	regular	<0.002	<0.005	<0.006
03-31-98	1245	do.	<.002	<.005	<.006
05-05-98	1343	do.	<.002	<.005	<.006
06-02-98	1325	do.	<.002	<.005	<.006
06-10-98	0826	do.	<.002	<.005	<.006
06-30-98	1239	do.	<.002	<.005	<.006
07-10-98	0745	do.	<.002	<.005	<.006
07-10-98	0750	replicate	<.002	<.005	<.006
08-05-98	0810	regular	<.002	<.005	<.006
08-05-98	0812	spike	.132	.058	.075
08-05-98	0813	do.	<.002	.007	.010
08-05-98	0814	do.	<.002	<.005	<.006
09-01-98	1300	regular	<.002	<.005	<.006
05455570, English River at Riverside, IA (site i, fig. 1)					
10-07-96	0825	regular	<.002	<.005	<.006
11-04-96	0810	do.	<.002	<.005	<.006
12-06-96	0900	do.	<.002	<.005	<.006
01-02-97	0955	do.	<.002	<.005	<.006
02-06-97	0825	do.	<.002	<.005	<.006
03-20-97	1015	do.	<.002	<.005	<.006
04-10-97	0850	do.	.029	<.005	<.006
05-06-97	1515	do.	<.002	<.005	<.006
06-05-97	0855	do.	<.002	<.005	<.006
07-14-97	0920	do.	<.002	<.005	<.006
09-04-97	0845	do.	<.002	<.005	<.006
10-07-97	0935	do.	<.002	<.005	<.006
11-06-97	1410	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05455570, English River at Riverside, IA (site i, fig. 1)—Continued					
12-01-97	0935	regular	<0.002	<0.005	<0.006
01-08-98	0915	do.	<.002	<.005	<.006
02-05-98	0910	do.	<.002	<.005	<.006
03-03-98	0835	do.	<.002	<.005	<.006
04-07-98	0850	do.	<.002	<.005	<.006
05-05-98	1415	do.	<.002	<.005	<.006
06-02-98	0855	do.	<.002	<.005	<.006
07-08-98	1000	do.	<.002	<.005	<.006
08-04-98	0900	do.	<.002	<.005	<.006
05457750, Cedar River near Carville, IA (site k, fig. 1)					
10-17-96	1010	regular	<.002	<.005	<.006
11-06-96	0915	do.	<.002	<.005	<.006
12-19-96	1015	do.	<.002	<.005	<.006
01-21-97	1130	do.	<.002	<.005	<.006
02-17-97	1120	do.	<.002	<.005	<.006
03-05-97	0805	do.	<.002	<.005	<.006
04-22-97	0950	do.	<.002	<.005	E.002
05-01-97	0900	do.	<.002	<.005	<.006
07-17-97	1115	do.	<.002	<.005	<.006
09-16-97	0920	do.	<.002	<.005	<.006
10-23-97	0840	do.	<.002	<.005	<.006
11-13-97	1055	do.	<.002	<.005	<.006
12-11-97	1020	do.	<.002	<.005	<.006
01-28-98	1010	do.	<.002	<.005	<.006
02-17-98	1010	do.	<.002	<.005	<.006
03-26-98	0730	do.	<.002	<.005	<.006
04-09-98	0830	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05457750, Cedar River near Carville, IA (site k, fig. 1)—Continued					
06-09-98	1020	regular	<0.002	<0.005	<0.006
07-09-98	1015	do.	<.002	<.005	<.006
08-11-98	1035	do.	<.002	<.005	<.006
09-14-98	1230	do.	<.002	<.005	<.006
05458870, Maynes Creek near Kesley, IA (site m, fig. 1)					
09-09-98	0957	regular	<.002	<.005	<.006
05458900, West Fork Cedar River near Finchford, IA (site n, fig. 1)					
10-17-96	0840	regular	<.002	<.005	<.006
11-06-96	0815	do.	<.002	<.005	<.006
12-19-96	0910	do.	<.002	<.005	<.006
01-21-97	0955	do.	<.002	<.005	<.006
02-17-97	0930	do.	<.002	<.005	<.006
03-05-97	1300	do.	<.002	<.005	<.006
05-01-97	0755	do.	<.002	<.005	<.006
07-17-97	0950	do.	<.002	<.005	<.006
09-16-97	0805	do.	<.002	<.005	<.006
10-22-97	1100	do.	<.002	<.005	<.006
11-13-97	0920	do.	<.002	<.005	<.006
12-11-97	1120	do.	<.002	<.005	<.006
01-28-98	1125	do.	<.002	<.005	<.006
02-17-98	0900	do.	<.002	<.005	<.006
03-26-98	1220	do.	<.002	<.005	<.006
04-09-98	1045	do.	<.002	<.005	<.006
06-09-98	0855	do.	<.002	<.005	<.006
07-09-98	0900	do.	<.002	<.005	<.006
08-11-98	0850	do.	<.002	<.005	<.006
09-14-98	1050	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05461390, Flood Creek near Powersville, IA (site 7, fig. 1)					
10-23-96	1107	regular	<0.002	<0.005	<0.006
12-11-96	1150	do.	<.002	<.005	<.006
01-14-97	0950	do.	<.002	<.005	<.006
02-19-97	1050	do.	<.002	<.005	<.006
03-18-97	1018	do.	<.002	<.005	<.006
05-03-97	1053	do.	<.002	<.005	<.006
04-02-98	0843	do.	<.002	<.005	<.006
05-06-98	0838	do.	<.002	<.005	<.006
06-03-98	0906	do.	<.002	<.005	E.001
07-08-98	0848	do.	<.002	<.005	<.006
08-05-98	0837	do.	<.002	<.005	<.006
08-05-98	0847	spike	.119	.044	.086
09-02-98	0842	regular	<.002	<.005	<.006
09-02-98	0847	replicate	<.002	<.005	<.006
05464020, Cedar River at Gilbertville, IA (site 8, fig. 1)					
10-15-96	1120	regular	<.002	<.005	<.006
11-12-96	1103	do.	<.002	<.005	<.006
12-12-96	1340	do.	<.002	<.005	<.006
01-15-97	0855	do.	<.002	<.005	<.006
02-10-97	1015	do.	<.002	<.005	<.006
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)					
10-10-96	1047	regular	<.002	<.005	<.006
11-07-96	1018	do.	<.002	<.005	<.006
12-05-96	0959	do.	<.002	<.005	<.006
01-13-97	1205	do.	<.002	<.005	<.006
02-06-97	0923	do.	<.002	<.005	<.006
03-12-97	1035	do.	<.002	<.005	<.006
03-17-97	0945	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued					
03-17-97	0955	spike	0.105	0.012	0.066
03-24-97	1026	regular	<.002	<.005	<.006
04-02-97	1026	do.	<.002	<.005	<.006
04-08-97	1030	do.	<.002	<.005	<.006
04-14-97	1235	do.	<.002	<.005	<.006
04-21-97	1028	do.	<.002	<.005	<.006
04-28-97	1006	blank	<.002	<.005	<.006
04-28-97	1026	regular	<.002	<.005	<.006
05-05-97	1015	do.	<.002	<.005	<.006
05-12-97	1022	do.	<.002	<.005	<.006
05-19-97	1033	do.	<.002	<.005	<.006
05-27-97	0936	do.	<.002	<.005	<.006
06-03-97	1116	do.	<.002	<.005	<.006
06-09-97	0946	do.	<.002	<.005	<.006
06-16-97	0943	do.	<.002	<.005	<.006
06-24-97	0951	do.	<.002	<.005	<.006
06-30-97	1022	do.	<.002	<.005	<.006
07-14-97	0944	do.	<.002	<.005	<.006
07-28-97	0928	do.	<.002	<.005	<.006
07-28-97	0933	replicate	<.002	<.005	<.006
08-12-97	0916	regular	<.002	<.005	<.006
08-25-97	1000	do.	<.002	<.005	<.006
09-09-97	0945	do.	<.002	<.005	<.006
09-24-97	0940	do.	<.002	<.005	<.006
10-10-97	0938	do.	<.002	<.005	<.006
10-10-97	0943	replicate	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued					
10-21-97	0854	regular	<0.002	<0.005	<0.006
11-07-97	0919	do.	<.002	<.005	<.006
11-18-97	0857	do.	<.002	<.005	<.006
12-04-97	0919	do.	<.002	<.005	<.006
01-08-98	0910	do.	<.002	<.005	<.006
02-20-98	0941	do.	<.002	<.005	<.006
03-18-98	0918	do.	<.002	<.005	<.006
04-01-98	0945	do.	<.002	<.005	<.006
05-07-98	0919	do.	<.002	<.005	<.006
06-04-98	0933	do.	<.002	<.005	<.006
06-10-98	1215	do.	<.002	<.005	<.006
06-12-98	1238	do.	<.002	<.005	<.006
06-22-98	1415	do.	<.002	<.005	<.006
07-09-98	0924	do.	<.002	<.005	<.006
08-06-98	0855	do.	<.002	<.005	<.006
09-03-98	0936	blank	<.002	<.005	<.006
09-03-98	0956	regular	<.002	<.005	<.006
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)					
10-29-96	1030	regular	<.002	<.005	<.006
11-13-96	1013	do.	<.002	<.005	<.006
12-05-96	1030	do.	<.002	<.005	<.006
01-22-97	0950	do.	<.002	<.005	<.006
01-22-97	0955	replicate	<.002	<.005	<.006
02-03-97	0938	regular	<.002	<.005	<.006
03-13-97	0950	do.	<.002	<.005	<.006
05-07-97	0933	do.	<.002	<.005	<.006
04-03-98	0851	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)—Continued					
05-07-98	0827	regular	<0.002	<0.005	<0.006
06-04-98	0900	do.	<.002	<.005	<.006
07-06-98	0847	do.	<.002	<.005	<.006
08-04-98	1300	do.	<.002	<.005	<.006
09-03-98	0840	do.	<.002	<.005	<.006
05465000, Cedar River near Conesville, IA (site 10b, fig. 1)					
10-10-96	1015	regular	<.002	<.005	<.006
10-10-96	1020	replicate	<.002	<.005	<.006
10-29-96	0855	regular	<.002	<.005	<.006
05465500, Iowa River at Wapello, IA (site 11, fig. 1)					
10-08-96	1155	regular	<.002	<.005	<.006
11-06-96	1038	do.	<.002	<.005	<.006
12-03-96	1040	do.	<.002	<.005	<.006
01-07-97	1115	do.	<.002	<.005	<.006
02-05-97	1030	do.	<.002	<.005	<.006
03-11-97	1220	do.	<.002	<.005	<.006
03-11-97	1225	replicate	<.002	<.005	<.006
03-20-97	0918	regular	<.002	<.005	<.006
03-20-97	0928	spike	.104	.009	.056
03-27-97	0941	regular	<.002	<.005	<.006
03-31-97	0936	do.	<.002	<.005	<.006
04-10-97	0922	do.	<.002	<.005	<.006
04-16-97	0931	do.	<.002	<.005	<.006
04-23-97	0945	do.	<.002	<.005	E.002
04-30-97	0956	do.	<.002	<.005	<.006
05-07-97	0920	do.	<.002	<.005	<.006
05-14-97	0955	do.	<.002	<.005	<.006
05-21-97	1028	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05465500, Iowa River at Wapello, IA (site 11, fig. 1)—Continued					
05-29-97	1049	regular	<0.002	<0.005	<0.006
06-05-97	0940	do.	<.002	<.005	<.006
06-12-97	0906	do.	<.002	<.005	<.006
06-19-97	0908	do.	<.002	<.005	<.006
06-19-97	0918	spike	<.002	<.005	<.006
06-25-97	0955	regular	<.002	<.005	<.006
07-02-97	0912	do.	<.002	<.005	<.006
07-16-97	0941	do.	<.002	<.005	<.006
07-31-97	0927	do.	<.002	<.005	<.006
08-13-97	0918	do.	<.002	<.005	<.006
08-28-97	0919	do.	<.002	<.005	<.006
09-05-97	0906	do.	<.002	<.005	<.006
09-23-97	0936	do.	<.002	<.005	<.006
10-06-97	1030	blank	<.002	<.005	<.006
10-06-97	1050	regular	<.002	<.005	<.006
10-22-97	0951	do.	<.002	<.005	<.006
11-03-97	0953	do.	<.002	<.005	<.006
11-19-97	0935	do.	<.002	<.005	<.006
11-19-97	0945	spike	<.002	<.005	<.006
12-01-97	0928	regular	<.002	<.005	<.006
01-05-98	0938	do.	<.002	<.005	<.006
01-05-98	0948	spike	.087	.009	.062
02-17-98	0936	regular	<.002	<.005	<.006
03-09-98	1000	do.	<.002	<.005	<.006
03-30-98	0905	do.	<.002	<.005	<.006
04-04-98	1020	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05465500, Iowa River at Wapello, IA (site 11, fig. 1)—Continued					
05-04-98	0909	regular	<0.002	<0.005	<0.006
06-01-98	0913	do.	<.002	<.005	<.006
06-19-98	1002	do.	<.002	<.005	<.006
07-02-98	1049	do.	<.002	<.005	<.006
08-03-98	0925	do.	<.002	<.005	<.006
08-31-98	0940	do.	<.002	<.005	<.006
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)					
10-07-96	1020	regular	<.002	<.005	<.006
11-04-96	1100	do.	<.002	<.005	<.006
12-06-96	1045	do.	<.002	<.005	<.006
01-02-97	1305	do.	<.002	<.005	<.006
02-06-97	1115	do.	<.002	<.005	<.006
03-20-97	1220	do.	<.002	<.005	<.006
04-10-97	1130	do.	<.002	<.005	<.006
05-06-97	1345	do.	<.002	<.005	<.006
06-05-97	1130	do.	<.002	<.005	<.006
07-14-97	1230	do.	<.002	<.005	<.006
08-11-97	1405	do.	<.002	<.005	<.006
09-04-97	1110	do.	<.002	<.005	<.006
10-07-97	1155	do.	<.002	<.005	<.006
11-06-97	1125	do.	<.002	<.005	<.006
12-01-97	1145	do.	<.002	<.005	<.006
01-15-98	1155	do.	<.002	<.005	<.006
02-05-98	1140	do.	<.002	<.005	<.006
03-03-98	1040	do.	<.002	<.005	<.006
04-07-98	1100	do.	<.002	<.005	<.006
05-05-98	1300	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	alpha-HCH (34253)	cis-Permethrin (82687)	p,p'-DDE (34653)
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)—Continued					
06-02-98	1140	regular	<0.002	<0.005	<0.006
07-08-98	1210	do.	<.002	<.005	<.006
08-04-98	1205	do.	<.002	<.005	<.006
05474000, Skunk River at Augusta, IA (site 12, fig. 1)					
10-09-96	0940	regular	<.002	<.005	<.006
11-07-96	0909	do.	<.002	<.005	<.006
12-04-96	0933	do.	<.002	<.005	<.006
01-08-97	0930	do.	<.002	<.005	<.006
02-06-97	0857	do.	<.002	<.005	<.006
03-12-97	0930	do.	<.002	<.005	<.006
03-31-98	0824	do.	<.002	<.005	<.006
05-05-98	0830	do.	<.002	<.005	<.006
05-26-98	1200	do.	<.002	<.005	<.006
06-02-98	0820	do.	<.002	<.005	<.006
06-18-98	1044	do.	<.002	<.005	<.006
07-08-98	0930	do.	<.002	<.005	<.006
08-04-98	0810	do.	<.002	<.005	<.006
09-01-98	0815	do.	<.002	<.005	<.006

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	2, 4, 5-T (39742)	2, 4-D (39732)	2, 4-DB (38746)	Acifluorfen (49315)	Aldicarb (49312)	Aldicarb sulfone (49313)	Aldicarb sulfoxide (49314)	Bentazon (38711)	Bromacil (04029)	Bromoxynil (49311)
05420680, Wapsipinicon River near Tripoli, IA (site 1, fig. 1)												
05-05-97	1044	regular	<0.035	<0.035	<0.035	<0.035	<0.016	<0.016	<0.021	<0.014	<0.035	<0.035
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)												
05-06-97	0937	regular	<.035	.230	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
05449500, Iowa River near Rowan, IA (site 3, fig. 1)												
03-11-97	0950	regular	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
03-18-97	0856	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
03-25-97	0908	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
04-03-97	0847	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
04-09-97	0854	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
04-22-97	0944	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.018	<.035	<.035
04-29-97	0913	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.070	<.035	<.035
05-03-97	1046	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.040	<.035	<.035
05-13-97	0951	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
05-20-97	0853	do.	<.035	.170	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
05-28-97	0933	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
06-04-97	0921	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
06-10-97	0919	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
06-17-97	0858	do.	<.035	.050	<.035	<.035	<.016	<.016	<.021	E.010	<.035	<.035
06-23-97	1156	do.	<.035	.210	<.035	.050	<.016	<.016	<.021	<.014	<.035	<.035
07-01-97	0905	do.	<.035	E.003	<.035	<.035	<.016	<.016	<.021	.130	<.035	<.035
07-15-97	0850	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.050	<.035	<.035
07-29-97	0900	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.090	<.035	<.035
08-11-97	1200	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	E.030	<.035	<.035
08-26-97	0837	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
09-11-97	1005	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.040	<.035	<.035
09-25-97	0852	do.	<.035	.050	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	2, 4, 5-T (39742)	2, 4-D (39732)	2, 4-DB (38746)	Acifluorfen (49315)	Aldicarb (49312)	Aldicarb sulfone (49313)	Aldicarb sulfoxide (49314)	Bentazon (38711)	Bromacil (04029)	Bromoxynil (49311)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued												
10-08-97	0928	blank	<0.035	<0.035	<0.035	<0.035	<0.016	<0.016	<0.021	<0.014	<0.035	<0.035
10-08-97	0948	regular	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.030	<.035	<.035
10-20-97	1134	do.	<.035	.070	<.035	<.035	<.016	<.016	<.021	.040	<.035	<.035
11-05-97	0857	do.	<.035	E.230	<.035	<.035	<.016	<.016	<.021	.070	<.035	<.035
11-17-97	1134	do.	<.035	.240	<.240	<.035	<.550	<.100	<.021	<.014	<.035	<.035
12-02-97	0908	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	<.014	<.035	<.035
01-06-98	0919	do.	<.035	E.100	<.240	<.035	<.550	<.100	<.021	<.014	<.035	<.035
02-18-98	0924	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	<.014	<.035	<.035
03-12-98	0926	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	<.014	<.035	<.035
05453100, Iowa River at Marengo, IA (site 5, fig. 1)												
05-06-97	0914	regular	<.035	<.035	<.035	<.035	<.016	<.016	<.021	E.030	<.035	<.035
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)												
05-01-97	0914	regular	<.035	E1.01	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
05-08-97	0903	do.	<.035	E1.54	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)												
03-12-97	1035	regular	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.120	<.035	<.035
03-17-97	0945	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.080	<.035	<.035
03-24-97	1026	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.050	<.035	<.035
04-02-97	1026	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.060	<.035	<.035
04-08-97	1030	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.060	<.035	<.035
04-14-97	1235	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.060	<.035	<.035
04-21-97	1028	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.060	<.035	<.035
04-28-97	1006	blank	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
04-28-97	1026	regular	<.035	<.035	<.035	<.035	<.016	<.016	<.021	E.060	<.035	<.035
05-05-97	1015	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.050	<.035	<.035
05-12-97	1022	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.080	<.035	<.035
05-19-97	1033	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.060	<.035	<.035
05-27-97	0936	do.	<.035	.060	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	2, 4, 5-T (39742)	2, 4-D (39732)	2, 4-DB (38746)	Acifluorfen (49315)	Aldicarb (49312)	Aldicarb sulfone (49313)	Aldicarb sulfoxide (49314)	Bentazon (38711)	Bromacil (04029)	Bromoxynil (49311)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued												
06-03-97	1116	regular	<0.035	<0.035	<0.035	<0.035	<0.016	<0.016	<0.021	<0.014	<0.035	<0.035
06-09-97	0946	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.100	<.035	<.035
06-16-97	0943	do.	<.035	E.020	<.035	<.035	<.016	<.016	<.021	E.230	<.035	E.220
06-24-97	0951	do.	<.035	.150	<.035	.050	<.016	<.016	<.021	E1.78	<.035	<.035
06-30-97	1022	do.	<.035	.140	<.035	<.035	<.016	<.016	<.021	E.540	<.035	<.035
07-28-97	0928	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.015	<.035	<.035
07-28-97	0933	replicate	<.035	<.035	<.035	<.035	<.016	<.016	<.021	E.014	<.035	<.035
08-12-97	0916	regular	<.035	.150	<.035	<.035	<.016	<.016	<.021	.100	<.035	<.035
08-25-97	1000	do.	<.035	.260	<.035	E.020	<.016	<.016	<.021	.050	<.035	<.035
09-09-97	0945	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.060	<.035	<.035
09-24-97	0940	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.060	<.035	<.035
10-10-97	0938	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
10-10-97	0943	replicate	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
10-21-97	0854	regular	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.080	<.035	<.035
11-07-97	0919	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	.060	<.035	<.035
11-18-97	0857	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	.070	<.035	<.035
12-04-97	0919	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	.090	<.035	<.035
01-08-98	0910	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	.100	<.035	<.035
02-20-98	0941	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	.120	<.035	<.035
03-18-98	0918	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	.040	<.035	<.035
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)												
05-07-97	0933	regular	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.040	<.035	<.035
05465500 Iowa River at Wapello, IA (site 11, fig. 1)												
03-11-97	1220	regular	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
03-11-97	1225	replicate	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
03-27-97	0941	regular	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
04-10-97	0922	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
04-23-97	0945	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	2, 4, 5-T (39742)	2, 4-D (39732)	2, 4-DB (38746)	Acifluorfen (49315)	Aldicarb (49312)	Aldicarb sulfone (49313)	Aldicarb sulfoxide (49314)	Bentazon (38711)	Bromacil (04029)	Bromoxynil (49311)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)—Continued												
04-30-97	0956	regular	<0.035	<0.035	<0.035	<0.035	<0.016	<0.016	<0.021	E0.020	<0.035	<0.035
05-07-97	0920	do.	<.035	.200	<.035	<.035	<.016	<.016	<.021	E.020	<.035	<.035
05-14-97	0955	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.040	<.035	<.035
05-21-97	1028	do.	<.035	.980	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
05-29-97	1049	do.	<.035	.220	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
06-05-97	0940	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
06-12-97	0906	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	E.020	<.035	<.035
06-19-97	0908	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.050	<.035	E.020
06-25-97	0955	do.	<.035	<.035	<.035	.040	<.016	<.016	<.021	E.330	<.035	<.035
07-02-97	0912	do.	<.035	<.035	<.035	.090	<.016	<.016	<.021	E.990	<.035	<.035
07-16-97	0941	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.250	<.035	<.035
07-31-97	0927	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.150	<.035	<.035
08-13-97	0918	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.070	<.035	<.035
08-28-97	0919	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.050	<.035	<.035
09-05-97	0906	do.	<.035	.190	<.035	<.035	<.016	<.016	<.021	.040	<.035	<.035
09-23-97	0936	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	.040	<.035	<.035
10-06-97	1030	blank	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
10-06-97	1050	regular	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
10-22-97	0951	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
11-03-97	0953	do.	<.035	<.035	<.035	<.035	<.016	<.016	<.021	<.014	<.035	<.035
11-19-97	0935	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	<.014	<.035	<.035
12-01-97	0928	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	.040	<.035	<.035
01-05-98	0938	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	<.014	<.035	<.035
02-17-98	0936	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	<.014	<.035	<.035
03-09-98	1000	do.	<.035	<.150	<.240	<.035	<.550	<.100	<.021	E.020	<.035	<.035

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Carbaryl (49310)	Carbofuran (49309)	3-Hydroxy- carbofuran (49308)	Chloramben (49307)	Chloro- thalonil (49306)	Clopyralid (49305)	Dacthal (49304)	Dicamba (38442)	Dichlobenil (49303)	Dichlorprop (49302)
05420680, Wapsipinicon River near Tripoli, IA (site 1, fig. 1)												
05-05-97	1044	regular	<0.008	<0.028	<0.014	<0.011	<0.035	<0.050	<0.017	<0.035	<0.020	<0.032
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)												
05-06-97	0937	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05449500, Iowa River near Rowan, IA (site 3, fig. 1)												
04-22-97	0944	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-29-97	0913	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-03-97	1046	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-13-97	0951	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-20-97	0853	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-28-97	0933	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
06-04-97	0921	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
06-10-97	0919	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
06-17-97	0858	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	.050	<.020	<.032
06-23-97	1156	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	E1.14	<.020	<.032
07-01-97	0905	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	E.530	<.020	<.032
07-15-97	0850	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
07-29-97	0900	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
08-11-97	1200	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
08-26-97	0837	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
09-11-97	1005	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
09-25-97	0852	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
10-08-97	0928	blank	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
10-08-97	0948	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
10-20-97	1134	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
11-05-97	0857	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
11-17-97	1134	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
12-02-97	0908	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Carbaryl (49310)	Carbofuran (49309)	3-Hydroxy- carbofuran (49308)	Chloramben (49307)	Chloro- thalonil (49306)	Clopyralid (49305)	Dacthal (49304)	Dicamba (38442)	Dichlobenil (49303)	Dichlorprop (49302)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued												
01-06-98	0919	regular	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<.120	<.032
02-18-98	0924	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<.120	<.032
03-12-98	0926	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<.120	<.032
05453100, Iowa River at Marengo, IA (site 5, fig. 1)												
05-06-97	0914	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)												
05-01-97	0914	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-08-97	0903	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)												
03-12-97	1035	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
03-17-97	0945	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
03-24-97	1026	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-02-97	1026	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-08-97	1030	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-14-97	1235	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-21-97	1028	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-28-97	1006	blank	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-28-97	1026	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-05-97	1015	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-12-97	1022	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-19-97	1033	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-27-97	0936	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
06-03-97	1116	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
06-09-97	0946	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
06-16-97	0943	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
06-24-97	0951	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	.170	<.020	<.032
06-30-97	1022	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
07-28-97	0928	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Carbaryl (49310)	Carbofuran (49309)	3-Hydroxy- carbofuran (49308)	Chloramben (49307)	Chloro- thalonil (49306)	Clopyralid (49305)	Dacthal (49304)	Dicamba (38442)	Dichlobenil (49303)	Dichlorprop (49302)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued												
07-28-97	0933	replicate	<0.008	<0.028	<0.014	<0.011	<0.035	<0.050	<0.017	<0.035	<0.020	<0.032
08-12-97	0916	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
08-25-97	1000	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
09-09-97	0945	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
09-24-97	0940	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
10-10-97	0938	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
10-10-97	0943	replicate	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
10-21-97	0854	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
11-07-97	0919	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
11-18-97	0857	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
12-04-97	0919	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
01-08-98	0910	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
02-20-98	0941	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
03-18-98	0918	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<1.20	<.032
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)												
05-07-97	0933	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05465500 Iowa River at Wapello, IA (site 11, fig. 1)												
03-11-97	1220	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
03-11-97	1225	replicate	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
03-27-97	0941	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-10-97	0922	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-23-97	0945	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-30-97	0956	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-07-97	0920	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-14-97	0955	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-21-97	1028	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-29-97	1049	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Carbaryl (49310)	Carbofuran (49309)	3-Hydroxy- carbofuran (49308)	Chloramben (49307)	Chloro- thalonil (49306)	Clopyralid (49305)	Dacthal (49304)	Dicamba (38442)	Dichlobenil (49303)	Dichlorprop (49302)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)—Continued												
06-05-97	0940	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
06-12-97	0906	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	.050	<.020	<.032
06-19-97	0908	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	.060	<.020	<.032
06-25-97	0955	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
07-02-97	0912	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	E.450	<.020	<.032
07-16-97	0941	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	E.020	<.020	<.032
07-31-97	0927	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
08-13-97	0918	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
08-28-97	0919	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
09-05-97	0906	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
09-23-97	0936	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
10-06-97	1030	blank	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
10-06-97	1050	regular	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
10-22-97	0951	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
11-03-97	0953	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
11-19-97	0935	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<.120	<.032
12-01-97	0928	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<.120	<.032
01-05-98	0938	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<.120	<.032
02-17-98	0936	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<.120	<.032
03-09-98	1000	do.	<.008	<.120	<.014	<.420	<.480	<.230	<.017	<.035	<.120	<.032
04-22-97	0944	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
04-29-97	0913	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-03-97	1046	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-13-97	0951	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-20-97	0853	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
05-28-97	0933	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Carbaryl (49310)	Carbofuran (49309)	3-Hydroxy- carbofuran (49308)	Chloramben (49307)	Chloro- thalonil (49306)	Clopyralid (49305)	Dacthal (49304)	Dicamba (38442)	Dichlobenil (49303)	Dichlorprop (49302)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)—Continued												
06-04-97	0921	regular	<0.008	<0.028	<0.014	<0.011	<0.035	<0.050	<0.017	<0.035	<0.020	<0.032
06-10-97	0919	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
06-17-97	0858	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	.050	<.020	<.032
06-23-97	1156	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	E1.14	<.020	<.032
07-01-97	0905	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	E.530	<.020	<.032
07-15-97	0850	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
07-29-97	0900	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032
08-11-97	1200	do.	<.008	<.028	<.014	<.011	<.035	<.050	<.017	<.035	<.020	<.032

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dinoseb (49301)	Diuron (49300)	DNOC (49299)	Esfen-valerate (49298)	Fenuron (49297)	Fluometuron (38811)	Linuron (38478)	MCPA (38482)	MCPB (38487)	Methiocarb (38501)
05420680, Wapsipinicon River near Tripoli, IA (site 1, fig. 1)												
05-05-97	1044	regular	<0.035	<0.020	<0.035	<0.019	<0.013	<0.035	<0.018	<0.050	<0.035	<0.026
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)												
05-06-97	0937	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05449500, Iowa River near Rowan, IA (site 3, fig. 1)												
03-11-97	0950	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
03-18-97	0856	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
03-25-97	0908	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-03-97	0847	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-09-97	0854	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-22-97	0944	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-29-97	0913	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-03-97	1046	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-13-97	0951	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-20-97	0853	do.	<.035	E.030	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-28-97	0933	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-04-97	0921	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-10-97	0919	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-17-97	0858	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-23-97	1156	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
07-01-97	0905	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
07-15-97	0850	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
07-29-97	0900	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
08-11-97	1200	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
08-26-97	0837	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
09-11-97	1005	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
09-25-97	0852	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
10-08-97	0928	blank	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dinoseb (49301)	Diuron (49300)	DNOC (49299)	Esfen-valerate (49298)	Fenuron (49297)	Fluometuron (38811)	Linuron (38478)	MCPA (38482)	MCPB (38487)	Methiocarb (38501)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued												
10-08-97	0948	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
10-20-97	1134	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
11-05-97	0857	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
11-17-97	1134	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
12-02-97	0908	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
01-06-98	0919	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
02-18-98	0924	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
03-12-98	0926	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
05453100, Iowa River at Marengo, IA (site 5, fig. 1)												
05-06-97	0914	regular	<.035	E.0300	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)												
05-01-97	0914	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-08-97	0903	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)												
03-12-97	1035	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
03-17-97	0945	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
03-24-97	1026	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-02-97	1026	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-08-97	1030	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-14-97	1235	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-21-97	1028	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-28-97	1006	blank	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-28-97	1026	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-05-97	1015	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-12-97	1022	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-19-97	1033	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-27-97	0936	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-03-97	1116	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dinoseb (49301)	Diuron (49300)	DNOC (49299)	Esfen-valerate (49298)	Fenuron (49297)	Fluometuron (38811)	Linuron (38478)	MCPA (38482)	MCPB (38487)	Methiocarb (38501)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued												
06-09-97	0946	regular	<0.035	<0.020	<0.035	<0.019	<0.013	<0.035	<0.018	<0.050	<0.035	<0.026
06-16-97	0943	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-24-97	0951	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-30-97	1022	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
07-28-97	0928	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
07-28-97	0933	replicate	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
08-12-97	0916	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
08-25-97	1000	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
09-09-97	0945	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
09-24-97	0940	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
10-10-97	0938	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
10-10-97	0943	replicate	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
10-21-97	0854	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
11-07-97	0919	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
11-18-97	0857	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
12-04-97	0919	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
01-08-98	0910	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
02-20-98	0941	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
03-18-98	0918	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)												
05-07-97	0933	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05465500 Iowa River at Wapello, IA (site 11, fig. 1)												
03-11-97	1220	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
03-11-97	1225	replicate	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
03-27-97	0941	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-10-97	0922	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
04-23-97	0945	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Dinoseb (49301)	Diuron (49300)	DNOC (49299)	Esfen-valerate (49298)	Fenuron (49297)	Fluometuron (38811)	Linuron (38478)	MCPA (38482)	MCPB (38487)	Methiocarb (38501)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)—Continued												
04-30-97	0956	regular	<0.035	<0.020	<0.035	<0.019	<0.013	<0.035	<0.018	<0.050	<0.035	<0.026
05-07-97	0920	do.	<.035	E.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-14-97	0955	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-21-97	1028	do.	<.035	E.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
05-29-97	1049	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-05-97	0940	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-12-97	0906	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-19-97	0908	do.	<.035	E.010	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
06-25-97	0955	do.	<.035	E.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
07-02-97	0912	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
07-16-97	0941	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
07-31-97	0927	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
08-13-97	0918	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
08-28-97	0919	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
09-05-97	0906	do.	<.035	E.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
09-23-97	0936	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
10-06-97	1030	blank	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
10-06-97	1050	regular	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
10-22-97	0951	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
11-03-97	0953	do.	<.035	<.020	<.035	<.019	<.013	<.035	<.018	<.050	<.035	<.026
11-19-97	0935	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
12-01-97	0928	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
01-05-98	0938	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
02-17-98	0936	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026
03-09-98	1000	do.	<.035	<.020	<.420	--	<.013	<.035	<.018	<.170	<.140	<.026

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Methomyl (49296)	1-Naphthol (49295)	Neburon (49294)	Norflurazon (49293)	Oryzalin (49292)	Oxamyl (38866)	Picloram (49291)	Propham (49236)	Propoxur (38538)	Silvex (39762)	Triclopyr (49235)
05420680, Wapsipinicon River near Tripoli, IA (site 1, fig. 1)													
05-05-97	1044	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)													
05-06-97	0937	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05449500, Iowa River near Rowan, IA (site 3, fig. 1)													
03-11-97	0950	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
03-18-97	0856	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
03-25-97	0908	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-03-97	0847	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-09-97	0854	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-22-97	0944	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-29-97	0913	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-03-97	1046	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-13-97	0951	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-20-97	0853	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-28-97	0933	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-04-97	0921	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-10-97	0919	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-17-97	0858	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-23-97	1156	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
07-01-97	0905	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
07-15-97	0850	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
07-29-97	0900	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
08-11-97	1200	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
08-26-97	0837	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
09-11-97	1005	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
09-25-97	0852	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
10-08-97	0928	blank	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Methomyl (49296)	1-Naphthol (49295)	Neburon (49294)	Norflurazon (49293)	Oryzalin (49292)	Oxamyl (38866)	Picloram (49291)	Propham (49236)	Propoxur (38538)	Silvex (39762)	Triclopyr (49235)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)													
10-08-97	0948	regular	<0.017	<0.007	<0.015	<0.024	<0.019	<0.018	<0.050	<0.035	<0.035	<0.021	<0.050
10-20-97	1134	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
11-05-97	0857	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
11-17-97	1134	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
12-02-97	0908	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
01-06-98	0919	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
02-18-98	0924	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	.320
03-12-98	0926	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
05453100, Iowa River at Marengo, IA (site 5, fig. 1)													
05-06-97	0914	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)													
05-01-97	0914	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-08-97	0903	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)													
03-12-97	1035	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
03-17-97	0945	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
03-24-97	1026	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-02-97	1026	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-08-97	1030	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-14-97	1235	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-21-97	1028	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-28-97	1006	blank	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-28-97	1026	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-05-97	1015	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-12-97	1022	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-19-97	1033	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-27-97	0936	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-03-97	1116	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Methomyl (49296)	1-Naphthol (49295)	Neburon (49294)	Norflurazon (49293)	Oryzalin (49292)	Oxamyl (38866)	Picloram (49291)	Propham (49236)	Propoxur (38538)	Silvex (39762)	Triclopyr (49235)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued													
06-09-97	0946	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-16-97	0943	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-24-97	0951	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-30-97	1022	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
07-28-97	0928	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
07-28-97	0933	replicate	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
08-12-97	0916	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
08-25-97	1000	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
09-09-97	0945	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
09-24-97	0940	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
10-10-97	0938	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
10-10-97	0943	replicate	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
10-21-97	0854	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
11-07-97	0919	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
11-18-97	0857	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
12-04-97	0919	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
01-08-98	0910	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
02-20-98	0941	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
03-18-98	0918	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)													
05-07-97	0933	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05465500 Iowa River at Wapello, IA (site 11, fig. 1)													
03-11-97	1220	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
03-11-97	1225	replicate	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
03-27-97	0941	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-10-97	0922	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
04-23-97	0945	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050

Table 14. Selected dissolved pesticide concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Methomyl (49296)	1-Naphthol (49295)	Neburon (49294)	Norflurazon (49293)	Oryzalin (49292)	Oxamyl (38866)	Picloram (49291)	Propham (49236)	Propoxur (38538)	Silvex (39762)	Triclopyr (49235)
05465500 Iowa River at Wapello, IA (site 11, fig. 1)													
04-30-97	0956	regular	<0.017	<0.007	<0.015	<0.024	<0.019	<0.018	<0.050	<0.035	<0.035	<0.021	<0.050
05-07-97	0920	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-14-97	0955	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-21-97	1028	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
05-29-97	1049	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-05-97	0940	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-12-97	0906	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-19-97	0908	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
06-25-97	0955	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
07-02-97	0912	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
07-16-97	0941	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
07-31-97	0927	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
08-13-97	0918	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
08-28-97	0919	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
09-05-97	0906	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
09-23-97	0936	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
10-06-97	1030	blank	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
10-06-97	1050	regular	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
10-22-97	0951	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
11-03-97	0953	do.	<.017	<.007	<.015	<.024	<.019	<.018	<.050	<.035	<.035	<.021	<.050
11-19-97	0935	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
12-01-97	0928	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
01-05-98	0938	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
02-17-98	0936	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250
03-09-98	1000	do.	<.017	--	<.015	<.024	<.310	<.018	<.050	<.035	<.035	<.021	<.250

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998

[%, percent; --, data not collected; E, estimated. Numbers in parentheses () are U.S. Geological Survey Water Data Storage and Retrieval System parameter codes]

Date (month-day- year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbutylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05420680, Wapsipinicon River near Tripoli, IA (site 1, fig. 1)						
10-09-96	1043	regular	105	117	95.4	--
11-06-96	1058	blank	94.7	107	87.2	--
11-06-96	1118	regular	112	123	97.2	--
12-04-96	1011	do.	96.8	104	81.9	--
01-08-97	1103	do.	107	122	103	--
01-08-97	1108	replicate	109	122	103	--
02-05-97	1105	regular	94.7	106	94.3	--
03-17-97	1305	do.	88.6	89.7	98.6	--
05-05-97	1044	do.	108	112	96.3	142
04-02-98	1443	do.	116	110	112	--
05-06-98	1249	do.	108	97.2	107	--
05-27-98	1335	do.	94.9	109	93.2	--
06-03-98	1450	do.	109	126	100	--
06-20-98	1030	do.	124	140	123	--
07-08-98	1315	do.	95.1	98.4	99.5	--
08-05-98	1231	do.	87.3	105	88.4	--
08-05-98	1241	spike	102	100	104	--
09-02-98	1308	regular	84.4	94.2	90.3	--
05422000, Wapsipinicon River near DeWitt, IA (site 2, fig. 1)						
10-15-96	1120	regular	101	107	93.1	--
11-13-96	0946	do.	92.2	106	88.6	--
12-09-96	0924	do.	98.0	103	81.5	--
01-13-97	1025	do.	100	121	102	--
02-11-97	1017	do.	98.4	104	86.0	--
03-20-97	0920	do.	90.1	98.5	91.7	--
05-06-97	0937	do.	110	113	98.5	120
04-02-98	0900	do.	104	104	106	--
05-06-98	0925	do.	104	85.7	107	--
06-03-98	0915	do.	94.7	101	81.2	--
06-17-98	1300	do.	112	122	114	--
07-09-98	0855	do.	100	108	94.4	--
08-06-98	0900	do.	81.5	113	83.4	--
09-02-98	0915	do.	90.8	103	87.8	--
09-02-98	0925	spike	84.7	101	86.3	--
05449500, Iowa River near Rowan, IA (site 3, fig. 1)						
10-08-96	1010	regular	96.6	117	102	--
10-08-96	1015	replicate	103	115	102	--

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbuthylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued						
11-05-96	0935	regular	99.5	109	89.8	--
12-03-96	0928	do.	83.2	93.9	75.7	--
01-09-97	0950	do.	106	121	103	--
02-04-97	1015	do.	85.6	102	88.4	--
03-11-97	0950	do.	88.8	96.8	85.7	--
03-18-97	0856	do.	93.0	90.9	99.0	96.0
03-25-97	0908	do.	91.3	95.5	97.0	110
04-03-97	0847	do.	83.2	95.2	89.9	89.0
04-09-97	0854	do.	90.7	99.8	105	80.0
04-15-97	0925	do.	87.2	107	87.6	--
04-22-97	0944	do.	96.4	94.6	77.1	84.0
04-22-97	0954	spike	92.8	83.0	66.8	--
04-22-97	0955	do.	86.9	78.6	63.0	--
04-29-97	0913	regular	97.6	104	93.7	69.0
05-03-97	1046	do.	96.8	93.8	86.4	76.0
05-13-97	0951	do.	85.1	101	86.2	72.0
05-20-97	0853	do.	99.1	106	107	114
05-28-97	0933	do.	90.9	92.9	70.8	68.0
05-28-97	0943	spike	99.0	100	91.7	--
06-04-97	0921	regular	107	110	97.2	77.0
06-10-97	0919	do.	94.4	106	106	80.0
06-17-97	0858	do.	119	154	106	74.0
06-23-97	1156	do.	104	108	113	107
07-01-97	0905	do.	104	116	100	68.0
07-15-97	0850	do.	102	117	109	92.0
07-29-97	0900	do.	63.1	78.1	70.4	93.0
08-11-97	1200	do.	89.1	94.6	92.8	85.0
08-26-97	0837	do.	90.0	103	98.2	94.0
08-26-97	0847	spike	79.6	102	87.9	--
09-11-97	1005	regular	79.1	90.3	94.7	86.0
09-25-97	0852	do.	79.0	89.3	92.5	73.0
10-08-97	0928	blank	65.8	74.7	84.7	86.0
10-08-97	0948	regular	91.4	98.2	115	95.0
10-20-97	1134	do.	87.8	113	91.8	88.0
11-05-97	0857	do.	86.6	106	83.0	74.0
11-17-97	1134	do.	103	98.2	86.1	75.0
12-02-97	0908	do.	102	109	88.3	103

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbuthylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05449500, Iowa River near Rowan, IA (site 3, fig. 1)—Continued						
01-06-98	0919	regular	99.1	113	103	75.0
01-06-98	0929	spike	104	104	101	--
02-18-98	0924	regular	93.7	119	114	--
03-12-98	0926	do.	89.2	107	106	85.0
03-31-98	0922	do.	113	111	113	--
05-05-98	0922	do.	115	93.6	105	--
06-02-98	0904	do.	106	120	104	--
06-13-98	0928	do.	106	113	93.2	--
06-23-98	0848	do.	137	130	108	--
07-07-98	0900	do.	106	115	71.0	--
07-07-98	0905	replicate	104	119	68.5	--
08-04-98	0903	regular	95.6	102	98.8	--
09-01-98	0944	do.	92.3	102	97.7	--
05449600, Wheeler Creek near Rowan, IA (site f, fig. 1)						
09-10-98	1030	regular	105	115	96.8	--
05451210, South Fork Iowa River northeast of New Providence, IA (site 4, fig. 1)						
10-07-96	1215	regular	100	121	100	--
11-04-96	1210	do.	99.1	107	88.0	--
11-04-96	1220	spike	102	109	90.2	--
12-02-96	1155	regular	92.0	107	79.9	--
01-06-97	1133	do.	99.9	123	96.9	--
02-03-97	1108	do.	104	115	99.2	--
03-10-97	1155	do.	87.5	97.1	94.0	--
03-10-97	1200	replicate	93.9	101	95.8	--
03-30-98	1113	regular	105	106	97.2	--
03-30-98	1118	replicate	113	112	109	--
04-01-98	1033	regular	171	168	157	--
05-04-98	1120	do.	115	95.4	104	--
05-29-98	1246	do.	91.9	102	78.2	--
06-01-98	1318	do.	96.6	95.0	80.2	--
06-12-98	1155	do.	112	122	94.8	--
07-06-98	1213	do.	102	113	64.8	--
08-03-98	1046	do.	91.9	105	95.3	--
08-31-98	1102	do.	87.4	97.6	93.9	--
05453100, Iowa River at Marengo, IA (site 5, fig. 1)						
10-16-96	0939	regular	95.0	110	89.1	--
11-14-96	0925	do.	111	119	94.5	--
11-14-96	0935	spike	105	106	88.8	--
12-10-96	0935	regular	98.8	96.9	74.9	--

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbutylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05453100, Iowa River at Marengo, IA (site 5, fig. 1)—Continued						
01-14-97	1200	regular	109	123	109	--
02-13-97	0949	do.	103	114	95.1	--
03-19-97	0955	do.	88.1	91.7	88.8	--
03-19-97	1005	spike	89.6	92.0	90.2	--
05-06-97	0914	regular	142	146	136	95.0
04-02-98	1355	do.	109	105	109	--
05-08-98	0843	do.	114	95.6	121	--
06-05-98	0900	do.	93.2	100	92.3	--
06-13-98	0946	do.	115	121	92.2	--
06-26-98	0922	do.	97.6	112	108	--
07-07-98	0920	do.	110	114	79.1	--
08-07-98	0900	do.	93.8	113	86.4	--
09-04-98	0850	do.	91.3	101	87.5	--
09-04-98	0855	replicate	89.5	99.3	84.9	--
05455100, Old Man's Creek near Iowa City, IA (site 6, fig. 1)						
10-07-96	0948	regular	102	109	93.4	--
11-12-96	0956	do.	95.6	108	83.2	--
12-02-96	0945	do.	91.9	106	84.5	--
01-06-97	0938	do.	103	105	96.8	--
02-04-97	0919	do.	105	126	98.7	--
03-10-97	1025	do.	90.9	96.5	94.0	--
05-01-97	0914	do.	105	101	98.5	82.0
03-31-98	1245	do.	106	96.5	96.5	118
05-05-98	1343	do.	105	88.3	109	--
06-02-98	1325	do.	94.7	93.0	87.0	--
06-10-98	0826	do.	107	111	85.2	--
06-30-98	1239	do.	119	129	101	--
07-10-98	0745	do.	105	103	109	--
07-10-98	0750	replicate	100	106	105	--
08-05-98	0810	regular	95.1	104	109	--
08-05-98	0812	spike	101	109	97.3	--
08-05-98	0813	do.	103	138	99.5	--
08-05-98	0814	do.	106	104	97.7	--
09-01-98	1300	regular	90.1	102	92.4	--
05455570, English River at Riverside, IA (site i, fig. 1)						
10-07-96	0825	regular	95.6	105	88.7	--
11-04-96	0810	do.	99.6	113	85.9	--
12-06-96	0900	do.	98.1	103	80.5	--
01-02-97	0955	do.	98.4	116	91.7	--

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbuthylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05455570, English River at Riverside, IA (site i, fig. 1)—Continued						
02-06-97	0825	regular	103	116	95.5	--
03-20-97	1015	do.	84.0	84.7	87.0	--
04-10-97	0850	do.	70.3	72.2	82.4	--
05-06-97	1515	do.	92.8	108	86.9	--
06-05-97	0855	do.	92.2	99.1	79.5	--
07-14-97	0920	do.	100	109	105	--
09-04-97	0845	do.	91.0	104	108	--
10-07-97	0935	do.	78.3	92.8	91.0	--
11-06-97	1410	do.	91.5	99.2	82.9	--
12-01-97	0935	do.	103	112	89.7	--
01-08-98	0915	do.	100	109	99.1	--
02-05-98	0910	do.	94.4	106	101	--
03-03-98	0835	do.	96.4	109	98.2	--
04-07-98	0850	do.	E227	E213	E234	--
05-05-98	1415	do.	101	90.2	102	--
06-02-98	0855	do.	92.0	93.8	92.9	--
07-08-98	1000	do.	91.3	88.3	86.7	--
08-04-98	0900	do.	98.8	103	96.1	--
05457750, Cedar River near Carville, IA (site k, fig. 1)						
10-17-96	1010	regular	97.6	100	87.6	--
11-06-96	0915	do.	106	119	95.1	--
12-19-96	1015	do.	85.5	99.4	70.8	--
01-21-97	1130	do.	102	123	103	--
02-17-97	1120	do.	87.2	104	90.9	--
03-05-97	0805	do.	91.6	93.6	89.9	--
04-22-97	0950	do.	81.7	77.4	64.2	--
05-01-97	0900	do.	85.7	88.0	80.0	--
07-17-97	1115	do.	98.2	114	112	--
09-16-97	0920	do.	76.9	96.5	95.7	--
10-23-97	0840	do.	73.8	87.9	77.9	--
11-13-97	1055	do.	102	110	94.7	--
12-11-97	1020	do.	95.5	114	100	--
01-28-98	1010	do.	95.6	108	101	--
02-17-98	1010	do.	100	112	104	--
03-26-98	0730	do.	104	106	110	--
04-09-98	0830	do.	112	108	115	--
06-09-98	1020	do.	102	106	92.6	--
07-09-98	1015	do.	94.1	92.1	92.7	--

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbutylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05457750, Cedar River near Carville, IA (site k, fig. 1)—Continued						
08-11-98	1035	regular	125	112	103	--
09-14-98	1230	do.	84.5	93.0	81.9	--
05458870, Maynes Creek near Kesley, IA (site m, fig. 1)						
09-09-98	0957	regular	100	110	104	--
05458900, West Fork Cedar River near Finchford, IA (site n, fig. 1)						
10-17-96	0840	regular	98.7	108	89.7	--
11-06-96	0815	do.	97.2	107	86.3	--
12-19-96	0910	do.	84.1	100	73.2	--
01-21-97	0955	do.	92.9	116	95.8	--
02-17-97	0930	do.	83.1	101	86.3	--
03-05-97	1300	do.	90.5	97.3	92.8	--
05-01-97	0755	do.	95.8	94.6	85.7	--
07-17-97	0950	do.	99.1	112	107	--
09-16-97	0805	do.	79.3	91.6	99.2	--
10-22-97	1100	do.	99.2	108	90.0	--
11-13-97	0920	do.	99.1	104	95.6	--
12-11-97	1120	do.	94.6	121	105	--
01-28-98	1125	do.	96.3	106	103	--
02-17-98	0900	do.	95.5	104	103	--
03-26-98	1220	do.	114	110	119	--
04-09-98	1045	do.	129	123	133	--
06-09-98	0855	do.	97.4	118	106	--
07-09-98	0900	do.	89.5	85.9	84.8	--
08-11-98	0850	do.	122	102	104	--
09-14-98	1050	do.	86.8	95.5	81.1	--
05461390, Flood Creek near Powersville, IA (site 7, fig. 1)						
10-23-96	1107	regular	109	110	94.7	--
12-11-96	1150	do.	79.9	84.5	70.9	--
01-14-97	0950	do.	102	128	102	--
02-19-97	1050	do.	80.1	100	90.0	--
03-18-97	1018	do.	81.4	84.8	91.6	--
05-03-97	1053	do.	109	108	95.9	--
04-02-98	0843	do.	110	108	110	--
05-06-98	0838	do.	105	100	113	--
06-03-98	0906	do.	101	120	102	--
07-08-98	0848	do.	95.8	104	100	--
08-05-98	0837	do.	91.3	98.4	84.1	--
08-05-98	0847	spike	95.0	106	94.7	--
09-02-98	0842	regular	81.3	92.6	84.0	--

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbuthylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05461390, Flood Creek near Powersville, IA (site 7, fig. 1)—Continued						
09-02-98	0847	replicate	82.2	91.7	83.9	--
05464020, Cedar River at Gilbertville, IA (site 8, fig. 1)						
10-15-96	1120	regular	101	115	95.2	--
11-12-96	1103	do.	100	105	88.9	--
12-12-96	1340	do.	96.7	93.5	78.3	--
01-15-97	0855	do.	98.8	116	99.0	--
02-10-97	1015	do.	109	113	95.6	--
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)						
10-10-96	1047	regular	101	117	99.2	--
11-07-96	1018	do.	99.5	108	85.8	--
12-05-96	0959	do.	93.4	102	82.2	--
01-13-97	1205	do.	94.5	113	95.7	--
02-06-97	0923	do.	104	114	98.5	--
03-12-97	1035	do.	85.8	91.9	91.5	87.0
03-17-97	0945	do.	86.3	92.7	93.1	86.0
03-17-97	0955	spike	101	102	101	--
03-24-97	1026	regular	93.1	110	110	86.0
04-02-97	1026	do.	85.9	97.3	96.9	90.0
04-08-97	1030	do.	89.6	93.3	100	79.0
04-14-97	1235	do.	88.0	103	83.8	97.0
04-21-97	1028	do.	88.7	88.7	71.1	88.0
04-28-97	1006	blank	86.8	90.2	87.6	75.0
04-28-97	1026	regular	95.1	104	94.8	70.0
05-05-97	1015	do.	103	113	94.2	73.0
05-12-97	1022	do.	85.8	105	86.7	75.0
05-19-97	1033	do.	102	108	108	79.0
05-27-97	0936	do.	90.8	106	93.3	84.0
06-03-97	1116	do.	101	107	99.1	78.0
06-09-97	0946	do.	94.1	110	104	77.0
06-16-97	0943	do.	99.0	118	107	82.0
06-24-97	0951	do.	92.4	107	107	114
06-30-97	1022	do.	89.4	98.1	86.1	92.0
07-14-97	0944	do.	103	124	111	--
07-28-97	0928	do.	122	150	133	89.0
07-28-97	0933	replicate	81.3	102	94.4	93.0
08-12-97	0916	regular	100	113	99.1	99.0
08-25-97	1000	do.	82.9	106	94.5	124
09-09-97	0945	do.	84.7	91.4	103	94.0

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbuthylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05464220, Wolf Creek near Dysart, IA (site 9, fig. 1)—Continued						
09-24-97	0940	regular	80.0	92.4	94.4	117
10-10-97	0938	do.	75.2	87.2	84.5	78.0
10-10-97	0943	replicate	81.5	98.1	94.8	90.0
10-21-97	0854	regular	84.0	114	88.5	83.0
11-07-97	0919	do.	84.0	97.2	79.9	70.0
11-18-97	0857	do.	104	106	90.4	72.0
12-04-97	0919	do.	96.2	107	82.7	103
01-08-98	0910	do.	98.2	120	104	75.0
02-20-98	0941	do.	87.0	106	107	88.0
03-18-98	0918	do.	84.1	89.7	99.1	90.0
04-01-98	0945	do.	107	109	100	--
05-07-98	0919	do.	106	96.3	106	--
06-04-98	0933	do.	101	109	104	--
06-10-98	1215	do.	111	116	87.1	--
06-12-98	1238	do.	122	138	96.4	--
06-22-98	1415	do.	132	135	106	--
07-09-98	0924	do.	97.9	107	104	--
08-06-98	0855	do.	102	103	97.1	--
09-03-98	0936	blank	80.4	94.7	84.1	--
09-03-98	0956	regular	84.2	97.2	87.5	--
05464935, Cedar River at Nichols, IA (site 10a, fig. 1)						
10-29-96	1030	regular	103	110	93.5	--
11-13-96	1013	do.	92.2	100	79.0	--
12-05-96	1030	do.	98.2	98.1	78.2	--
01-22-97	0950	do.	102	126	99.0	--
01-22-97	0955	replicate	102	115	96.4	--
02-03-97	0938	regular	99.8	103	94.2	--
03-13-97	0950	do.	93.7	89.2	94.1	--
05-07-97	0933	do.	108	109	96.8	109
04-03-98	0851	do.	105	101	104	--
05-07-98	0827	do.	108	99.2	110	--
06-04-98	0900	do.	86.0	97.4	90.3	--
07-06-98	0847	do.	106	116	73.6	--
08-04-98	1300	do.	87.4	113	97.1	--
09-03-98	0840	do.	86.5	105	89.6	--
05465000, Cedar River near Conesville, IA (site 10b, fig. 1)						
10-10-96	1015	regular	97.6	113	86.3	--
10-10-96	1020	replicate	102	115	91.0	--
10-29-96	0855	regular	90.0	111	94.3	--

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day-year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbutylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05465500, Iowa River at Wapello, IA (site 11, fig. 1)						
10-08-96	1155	regular	105	112	96.2	--
11-06-96	1038	do.	110	118	97.8	--
12-03-96	1040	do.	93.4	93.4	81.7	--
01-07-97	1115	do.	99.0	118	97.7	--
02-05-97	1030	do.	106	116	97.9	--
03-11-97	1220	do.	94.9	96.3	94.6	98.0
03-11-97	1225	replicate	95.2	94.7	93.9	99.0
03-20-97	0918	regular	96.4	104	99.4	--
03-20-97	0928	spike	91.4	93.1	87.9	--
03-27-97	0941	regular	86.2	96.2	100	90.0
03-31-97	0936	do.	91.1	91.7	97.8	--
04-10-97	0922	do.	85.2	83.5	97.0	78.0
04-16-97	0931	do.	93.0	116	95.6	--
04-23-97	0945	do.	100	96.6	79.6	87.0
04-30-97	0956	do.	101	105	99.3	74.0
05-07-97	0920	do.	113	109	104	103
05-14-97	0955	do.	85.8	106	89.3	79.0
05-21-97	1028	do.	100	104	103	125
05-29-97	1049	do.	86.5	99.1	86.8	75.0
06-05-97	0940	do.	115	115	92.6	88.0
06-12-97	0906	do.	112	127	117	101
06-19-97	0908	do.	102	118	111	78.0
06-19-97	0918	spike	84.0	98.2	94.4	--
06-25-97	0955	regular	92.9	110	100	96.0
07-02-97	0912	do.	104	132	115	109
07-16-97	0941	do.	117	135	124	86.0
07-31-97	0927	do.	83.0	116	89.2	92.0
08-13-97	0918	do.	95.4	112	99.1	78.0
08-28-97	0919	do.	94.4	113	96.3	--
09-05-97	0906	do.	97.1	114	104	85.0
09-23-97	0936	do.	85.1	106	97.1	69.0
10-06-97	1030	blank	72.9	88.6	95.6	92.0
10-06-97	1050	regular	81.1	93.4	97.2	85.0
10-22-97	0951	do.	82.0	121	89.3	87.0
11-03-97	0953	do.	83.2	99.1	78.7	88.0
11-19-97	0935	do.	107	109	97.2	86.0
11-19-97	0945	spike	102	110	96.0	--

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbutylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05465500, Iowa River at Wapello, IA (site 11, fig. 1)—Continued						
12-01-97	0928	regular	82.8	90.2	75.0	89.0
01-05-98	0938	do.	85.2	93.8	85.3	85.0
01-05-98	0948	spike	92.1	102	90.5	--
02-17-98	0936	regular	91.2	104	95.6	106
03-09-98	1000	do.	94.6	99.1	104	71.0
03-30-98	0905	do.	107	107	107	--
04-04-98	1020	do.	109	103	111	--
05-04-98	0909	do.	105	89.1	105	--
06-01-98	0913	do.	94.8	101	85.0	--
06-19-98	1002	do.	103	127	97.5	--
07-02-98	1049	do.	100	111	70.5	--
08-03-98	0925	do.	95.7	109	95.5	--
08-31-98	0940	do.	92.6	105	94.4	--
05473400, Cedar Creek near Oakland Mills, IA (site v, fig. 1)						
10-07-96	1020	regular	108	117	88.3	--
11-04-96	1100	do.	102	126	89.2	--
12-06-96	1045	do.	100	111	80.2	--
01-02-97	1305	do.	96.4	114	89.5	--
02-06-97	1115	do.	111	121	97.2	--
03-20-97	1220	do.	75.2	75.2	80.8	--
04-10-97	1130	do.	81.2	84.9	96.1	--
05-06-97	1345	do.	97.3	113	93.8	--
06-05-97	1130	do.	101	103	83.6	--
07-14-97	1230	do.	95.6	109	103	--
08-11-97	1405	do.	102	114	101	--
09-04-97	1110	do.	92.0	104	102	--
10-07-97	1155	do.	81.8	101	98.5	--
11-06-97	1125	do.	84.4	95.4	79.7	--
12-01-97	1145	do.	100	109	87.7	--
01-15-98	1155	do.	100	110	93.8	--
02-05-98	1140	do.	92.0	107	101	--
03-03-98	1040	do.	101	104	103	--
04-07-98	1100	do.	115	109	119	--
05-05-98	1300	do.	103	87.6	94.6	--
06-02-98	1140	do.	93.8	95.6	95.6	--
07-08-98	1210	do.	89.8	82.4	81.4	--
08-04-98	1205	do.	E88.9	E101	E87.2	--
05474000, Skunk River at Augusta, IA (site 12, fig. 1)						
10-09-96	0940	regular	107	113	92.6	--

Table 15. Selected dissolved pesticide surrogate concentrations in samples from selected surface-water sampling sites, October 1996 through September 1998—Continued

Date (month-day- year)	Time (24-hour)	Type of sample	Diazinon (% recovery) (91063)	Terbuthylazine (% recovery) (91064)	alpha-HCH-d6 (% recovery) (91065)	BDMC (% recovery) (99835)
05474000, Skunk River at Augusta, IA (site 12, fig. 1)—Continued						
11-07-96	0909	regular	104	113	90.5	--
12-04-96	0933	do.	92.0	96.2	81.5	--
01-08-97	0930	do.	102	121	99.0	--
02-06-97	0857	do.	106	114	96.3	--
03-12-97	0930	do.	94.8	97.5	96.0	--
03-31-98	0824	do.	100	104	110	--
05-05-98	0830	do.	109	94.8	112	--
05-26-98	1200	do.	105	125	97.3	--
06-02-98	0820	do.	91.7	92.5	83.2	--
06-18-98	1044	do.	111	119	90.3	--
07-08-98	0930	do.	105	117	94.2	--
08-04-98	0810	do.	95.3	107	102	--
09-01-98	0815	do.	85.3	95.7	90.0	--