

US EPA ARCHIVE DOCUMENT



Summary of 2003 - 2005 AMP Results

August 2006

Summary of 2003-2005 AMP Results

The atrazine-based total chlorotriazine (TCT) concentrations were either the sum of the measured residues when directly measured through LC/MS/MS or GC/MS, or were based on the measured atrazine concentration and estimated according to the EPA seasonal regression equations. No system exceeded the EPA DWLOC of 37.5 ppb total chlorotriazine (TCT) 90-day rolling average in raw water.

State	County	AMP Program CWS Code	2003	2004	2005
			Maximum 90-Day Rolling Average TCT in Raw Water	Maximum 90-Day Rolling Average TCT in Raw Water	Maximum 90-Day Rolling Average TCT in Raw Water
Iowa	Appanoose	AMP-IA-1	2.61	2.47	1.90
Iowa	Appanoose	AMP-IA-2	7.07	2.62	2.79
Iowa	Clarke	AMP-IA-3	4.88	3.65	3.84
Iowa	Decatur	AMP-IA-4	3.76	4.06	3.22
Iowa	Decatur	AMP-IA-5	3.30	3.45	2.38
Iowa	Lucas	AMP-IA-6	3.71	3.57	2.40
Iowa	Madison	AMP-IA-7	4.81	6.73	8.30
Iowa	Poweshiek	AMP-IA-8	1.61	1.84	2.86
Iowa	Union	AMP-IA-9	3.18	2.70	2.54
Illinois	Cass	AMP-IL-1	4.97	2.53	1.15
Illinois	Edgar	AMP-IL-2	NA	5.08	1.74
Illinois	Fayette	AMP-IL-3	1.63	2.44	2.57
Illinois	Fulton	AMP-IL-4	6.08	2.40	3.69
Illinois	Greene	AMP-IL-5	3.78	2.01	0.66
Illinois	Hancock	AMP-IL-6	1.87	2.54	6.41
Illinois	Jackson	AMP-IL-7	3.07	3.22	1.84
Illinois	Macoupin	AMP-IL-8	4.71	6.78	3.24
Illinois	Macoupin	AMP-IL-9	4.99	6.80	1.61
Illinois	Macoupin	AMP-IL-10	5.71	NA	B
Illinois	Macoupin	AMP-IL-11	17.05	5.88	0.93
Illinois	Macoupin	AMP-IL-12	5.53	3.86	2.19
Illinois	Macoupin	AMP-IL-13	2.71	1.54	3.23
Illinois	Madison	AMP-IL-14	4.84	3.48	1.30
Illinois	Madison	AMP-IL-15	4.73	4.12	1.58
Illinois	Marion	AMP-IL-16	5.76	2.52	1.82
Illinois	Marion	AMP-IL-17	8.19	4.24	5.51
Illinois	Montgomery	AMP-IL-18	6.41D	1.68	2.92
Illinois	Morgan	AMP-IL-19	6.89	5.03	3.61
Illinois	Pike	AMP-IL-20	4.63	2.29	1.21
Illinois	Randolph	AMP-IL-21	14.74	3.94	0.92
Illinois	Randolph	AMP-IL-22	NA	8.72	8.98

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Illinois	Randolph	AMP-IL-23	6.05	6.66	11.96
Illinois	Sangamon	AMP-IL-24	NA	0.69	0.80
Illinois	Sangamon	AMP-IL-25	4.10	2.76	1.34
Illinois	Vermillion	AMP-IL-26	5.59	3.16	5.20
Illinois	Washington	AMP-IL-27	6.43	5.74	4.84
Illinois	Wayne	AMP-IL-28	10.47	9.47	7.23
Illinois	Clay	AMP-IL-29	A	3.72	5.27
Indiana	Allen	AMP-IN-1	3.72	3.76	1.73
Indiana	Cass	AMP-IN-2	NA	4.51	2.74
Indiana	Decatur	AMP-IN-3	8.66	4.16	6.76
Indiana	Decatur	AMP-IN-4	2.84	1.92	1.70
Indiana	Dubois	AMP-IN-5	1.67	2.58	1.71
Indiana	Lawrence	AMP-IN-6	3.37	3.81	6.40
Indiana	Marion	AMP-IN-7	6.30	2.20	6.07
Indiana	Pike	AMP-IN-8	4.79	6.39	5.30
Indiana	Ripley	AMP-IN-9	4.35	3.61	2.74
Indiana	Ripley	AMP-IN-10	6.79	5.17	16.47
Indiana	Scott	AMP-IN-11	1.79	5.02	7.08
Indiana	Lawrence	AMP-IN-12	A	A	4.50
Kansas	Allen	AMP-KS-1	NA	2.03	2.74
Kansas	Atchison	AMP-KS-2	NA	1.83	2.07
Kansas	Coffey	AMP-KS-3	3.49	2.10	2.47
Kansas	Coffey	AMP-KS-4	NA	NA	B
Kansas	Ellsworth	AMP-KS-5	2.14	1.96	1.33
Kansas	Franklin	AMP-KS-6	NA	4.70	3.56
Kansas	Franklin	AMP-KS-7	NA	2.77	3.21
Kansas	Geary	AMP-KS-8	NA	2.72	2.92
Kansas	Jefferson	AMP-KS-9	3.79	2.76	4.83
Kansas	Johnson	AMP-KS-10	2.79D	1.82D	2.42D
Kansas	Linn	AMP-KS-11	1.18	0.95	0.62
Kansas	Lyon	AMP-KS-12	2.74	1.65	1.82
Kansas	Miami	AMP-KS-13	2.80	2.11	3.47
Kansas	Miami	AMP-KS-14	NA	0.85	2.66
Kansas	Miami	AMP-KS-15	2.04	2.69	4.02
Kansas	Mitchell	AMP-KS-16	3.59	2.44	5.48
Kansas	Mitchell	AMP-KS-17	3.05	2.55	2.59

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Kansas	Neosho	AMP-KS-18	NA	2.22	2.74
Kansas	Neosho	AMP-KS-19	NA	2.19	2.99
Kansas	Osage	AMP-KS-20	NA	B	B
Kansas	Osage	AMP-KS-21	1.88	2.55	4.22
Kansas	Osage	AMP-KS-22	2.72	1.92	5.05
Kansas	Osage	AMP-KS-23	3.40	1.82	2.74
Kansas	Shawnee	AMP-KS-24	2.64	1.93	2.54
Kansas	Wyandotte	AMP-KS-25	NA	1.12	1.28
Kansas	Johnson	AMP-KS-26	A	NA	B
Kansas	Wilson	AMP-KS-27	A	0.98	1.07
Kansas	Cherokee	AMP-KS-28	A	A	8.12
Kansas	Montgomery	AMP-KS-29	A	A	0.54
Kansas	Neosho	AMP-KS-30	C	C	C
Kansas	Wabaunsee	AMP-KS-31	C	C	C
Kansas	Linn	AMP-KS-32	C	C	C
Kentucky	Crittenden	AMP-KY-1	1.00	3.53	0.86D
Kentucky	Grayson	AMP-KY-2	3.35	3.72	3.45
Kentucky	Webster	AMP-KY-3	2.35	2.90	2.48
Louisiana	Iberville	AMP-LA-1	2.39	3.01	4.95
Louisiana	Jefferson	AMP-LA-2	1.88	1.90	1.55
Louisiana	LaFourche	AMP-LA-3	1.74	2.07	2.24
Louisiana	LaFourche	AMP-LA-4	2.26	2.00	4.19
Missouri	Clinton	AMP-MO-1	4.08	2.43	2.10
Missouri	Lafayette	AMP-MO-2	3.36	4.21	2.77
Missouri	Cass	AMP-MO-3	NA	2.55	0.45
Missouri	Platte	AMP-MO-4	2.20	B	B
Missouri	Daviess	AMP-MO-5	2.34	1.40	3.18
Missouri	Nodaway	AMP-MO-6	4.56	3.59	4.02
Missouri	Clay	AMP-MO-7	3.44	3.11	3.48
Missouri	Gentry	AMP-MO-8	NA	1.28	3.56
Missouri	Linn	AMP-MO-9	1.65	3.05	0.85
Missouri	Marion	AMP-MO-10	1.88	2.47	2.88
Missouri	Linn	AMP-MO-11	2.84	1.57	0.82
Missouri	Monroe	AMP-MO-12	4.50D	2.93D	0.92D
Missouri	Shelby	AMP-MO-13	2.42D	3.34D	1.83D

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Missouri	Putnam	AMP-MO-14	1.96	2.76	3.11
Missouri	Audrain	AMP-MO-15	7.25	7.36	1.68
Missouri	Clark	AMP-MO-16	3.40	1.58	20.02
Missouri	Monroe	AMP-MO-17	2.25	2.14	2.79
Missouri	Macon	AMP-MO-18	A	4.14	2.71
Missouri	Cass	AMP-MO-19	C	C	C
Missouri	Harrison	AMP-MO-20	C	C	C
Missouri	DeKalb	AMP-MO-21	C	C	C
North Carolina	Union	AMP-NC-1	A	1.27	2.90
Ohio	Ashland	AMP-OH-1	2.80	4.12	1.59
Ohio	Brown	AMP-OH-2	1.29	0.90	1.35
Ohio	Clermont	AMP-OH-3	NA	5.26	7.87
Ohio	Clinton	AMP-OH-4	NA	4.41	10.48
Ohio	Clinton	AMP-OH-5	NA	2.76	3.28
Ohio	Crawford	AMP-OH-6	2.22	2.13	2.31
Ohio	Defiance	AMP-OH-7	4.73	5.72	4.68
Ohio	Allen	AMP-OH-8	1.18	1.31	2.06
Ohio	Delaware	AMP-OH-9	5.15	4.22	7.35
Ohio	Licking	AMP-OH-10	NA	3.38	3.12
Ohio	Henry	AMP-OH-11	5.81	7.11	4.45
Ohio	Henry	AMP-OH-12	NA	5.83	5.87
Ohio	Huron	AMP-OH-13	NA	4.36	4.81
Ohio	Huron	AMP-OH-14	4.76	4.09	4.10
Ohio	Licking	AMP-OH-15	NA	2.47	1.82
Ohio	Miami	AMP-OH-16	9.61D	6.35D	20.24D
Ohio	Putnam	AMP-OH-17	2.00	2.73	1.98
Ohio	Richland	AMP-OH-18	1.57D	3.55D	2.75D
Ohio	Stark	AMP-OH-19	5.19	4.90	1.57
Ohio	Brown	AMP-OH-20	0.81	7.46	2.64
Ohio	Wood	AMP-OH-21	3.49	4.04	3.56
Ohio	Wyandot	AMP-OH-22	3.01	1.55	2.30
Texas	Brazoria	AMP-TX-1	1.19	1.75	1.69
Texas	Delta	AMP-TX-2	0.34	0.32	3.39
Texas	Ellis	AMP-TX-3	1.76	2.62	1.14
Texas	Ellis	AMP-TX-4	1.72	2.52	2.62
Texas	Ellis	AMP-TX-5	1.87	1.59	0.62

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Texas	Falls	AMP-TX-6	1.88	0.68	3.45
Texas	Hill	AMP-TX-7	3.45	2.03	1.78
Texas	Navarro	AMP-TX-8	1.18	3.49	2.62
Texas	Williamson	AMP-TX-9	0.44	1.72	0.55
Texas	Milam	AMP-TX-10	C	C	C

A = CWS did not come into AMP until after this year.

B = CWS no longer monitored in AMP once it was confirmed that it stopped processing drinking water, began purchasing water from another CWS, was no longer a water source, or switched to using ground water.

C = No AMP monitoring was performed in 2003, 2004 or 2005 at these CWS. AMP monitoring began in April to May of 2006.

D = Data for secondary raw water sources are available.

NA = A partial year of monitoring at the CWS entering or leaving AMP or monitoring for the raw water source did not provide enough data to accurately calculate a 90-Day Rolling Average TCT concentration in raw water.