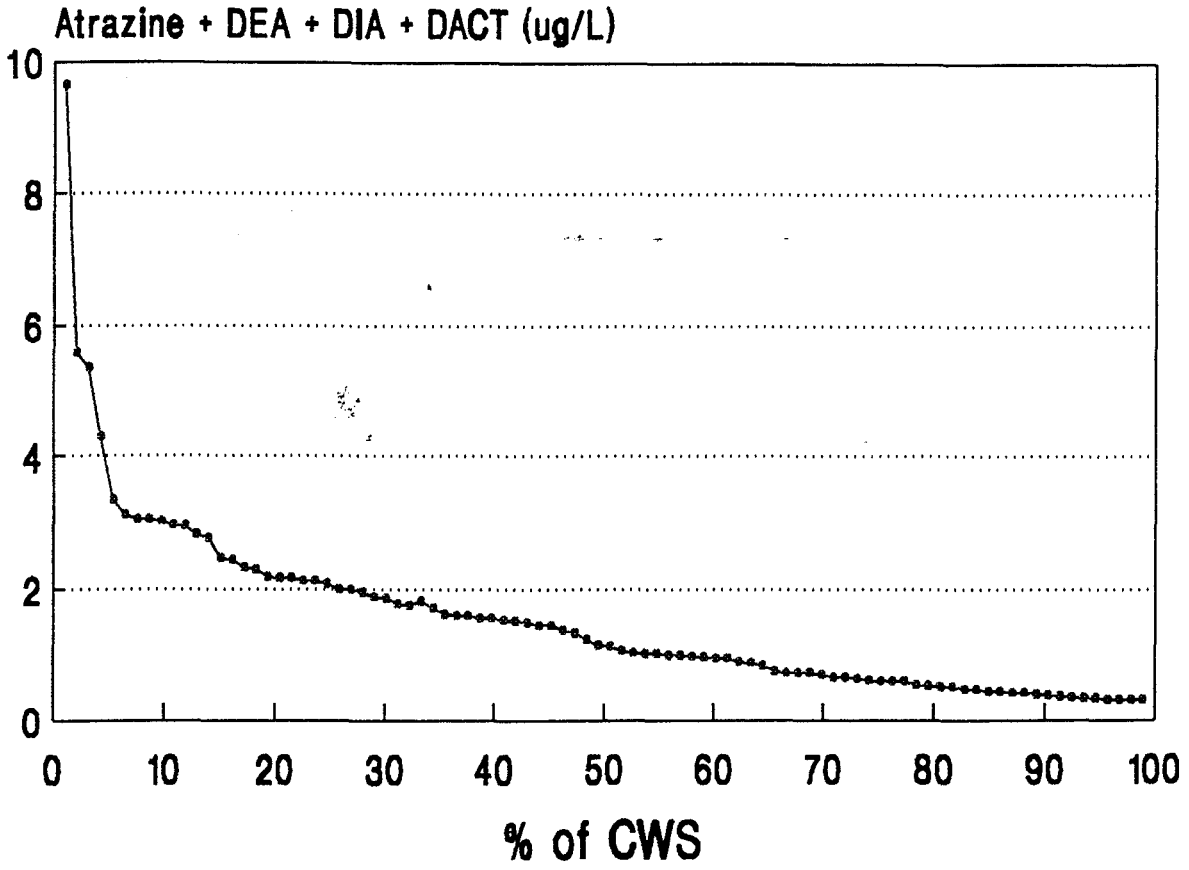
Sub-Appendix B-5: EFED generated, regression estimated, 1994-1998 annual mean total chloro-triazine (atrazine + DEA + DIA + DACT) concentration cumulative exceedence tables (1st Page) and curves (based upon data from the Novartis Voluntary Monitoring Study on surface water source CWSs). The percentiles are based on the percentages of CWSs with equal or lesser concentrations.

CWS	ID	Population	1998 Mean	Percentile
Hettick	IL9	250	9.6555	1.0753
Farina	IL7	600	5.5859	2.1505
Chariton	IA4	4616	5.3590	3.2258
Baring	MO3	182	4.2955	4.3011
Centralia	IL4	14274	3.3454	5.3763
Mt. Ayr	IA15	1796	3.1185	6.4516
Scottsburg	IN6	5520	3.0476	7.5269
Wyaconda	MO35	358	3.0476	8.6022
Greenfield	IL8	1200	3.0193	9.6774
Mt. Olive	IL15	2150	2.9626	10.7527
SAVE	IL20	400	2.9484	11.8280
Smithville	MO31	4365	2.8208	12.9032
Jamesport	MO16	600	2.7640	13.9785
Marceline	MO23	2938	2.4663	15.0538
Atchison	KS1	10656	2.4379	16.1290
Palmyra	IL17	60	2.3245	17.2043
ADGPTV	IL1	1183	2.2961	18.2796
Eagle Cr.			2.1827	19.3548
Edina	MO12	1283	2.1685	20.4301
Waxahachie	TX4	23946	2.1685	21.5054
Shipman	IL21	675	2.1259	22.5806
Macon	MO22	5571	2.1259	23.6559
Iberville	LA1	10400	2.0834	24.7312
Centerville	IA3	5936	1.9983	25.8065
Concordia	MO9	2600	1.9983	26.8817
Vandalia	MO34	2683	1.9558	27.9570
Carlinville	IL2	6688	1.8849	29.0323
Hillsboro	IL11	4400	1.8565	30.1075
Fall Creek			1.7714	31.1828
Greensburg	IN2	10500	1.7573	32.2581
Indianapolis	IN4	839000	1.8175	33.3333
Montezuma	IA13	1651	1.7147	34.4086
Osceola	IA17	4164	1.6155	35.4839
Springfield	IL22	125123	1.6013	36.5591
Norwalk	OH1	14800	1.6013	37.6344
Adrian	MO1	1500	1.5587	38.7097
Hillsboro	TX1	7897	1.5587	39.7849
White R.			1.5304	40.8602
Albia	IA1	3870	1.5162	41.9355
Bucklin	MO5	616	1.4878	43.0108
White R.N.			1.4453	44.0860
Mt.Pleasant	IA14	8027	1.4453	45.1613
Danville	IL6	38000	1.3744	46.2366
Lamoni	IA9	2319	1.3319	47.3118
LaBelle	MO18	845	1.2326	48.3871
Thibodaux	LA3	15810	1.1475	49.4624
Drexel	MO11	1060	1.1333	50.5376
Cl.Cannon	MO7	25	1.0624	51.6129

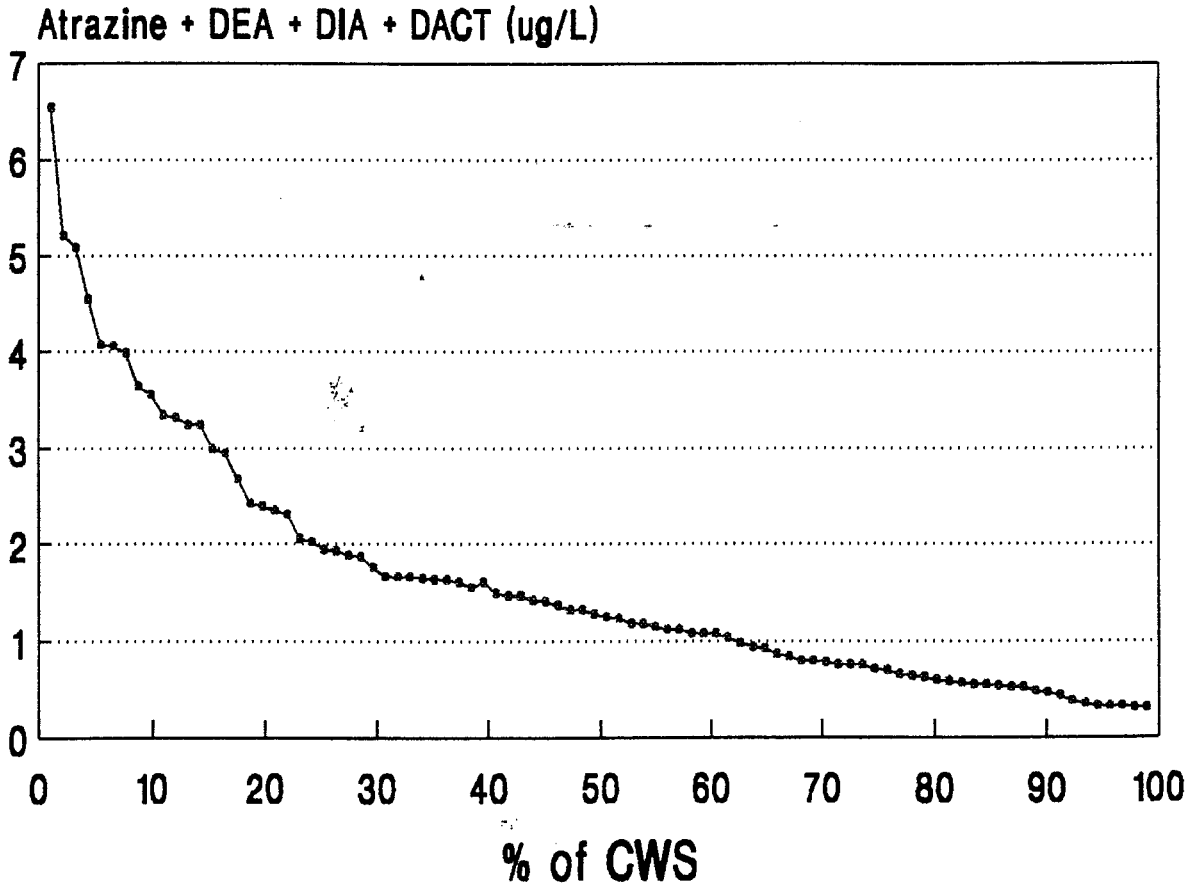
Voluntary Monitoring Study
Annaul Mean - 1998
Total 92 CWS



Total chloro-triazine chronic DWLOC
- 18 ug/L for children and infants

CWS	ID	Population	1997 Mean	Percentile
Bucklin	MO5	616	6.5501	1.0989
Marceline	MO23	2938	5.2172	2.1978
Iberville	LA1	10400	5.0896	3.2967
Hettick	IL9	250	4.5507	4.3956
Greensburg	IN2	10500	4.0686	5.4945
Concordia	MO9	2600	4.0544	6.5934
Wyaconda	MO35	358	3.9835	7.6923
Baring	MO3	182	3.6432	8.7912
Coulterville	IL5	1100	3.5581	9.8901
Smithville	MO31	4365	3.3454	10.9890
Vandalia	MO34	2683	3.3171	12.0879
Shipman	IL21	675	3.2462	13.1868
Macon	MO22	5571	3.2462	14.2857
Mt. Olive	IL15	2150	2.9909	15.3846
Farina	IL7	600	2.9484	16.4835
Higginsvile	MO15	4693	2.6790	17.5824
Montezuma	IA13	1651	2.4237	18.6813
Centerville	IA3	5936	2.3954	19.7802
Marlin	TX2	6386	2.3528	20.8791
Pittsfield	IL18	4245	2.3103	21.9780
Albia	IA1	3870	2.0550	23.0769
Osceola	IA17	4164	2.0267	24.1758
ADGPTV	IL1	1183	1.9416	25.2747
Thibodaux	LA3	15810	1.9274	26.3736
Fall Creek			1.8849	27.4725
Greenfield	IL8	1200	1.8707	28.5714
Mt. Ayr	IA15	1796	1.7573	29.6703
Palmyra	IL17	60	1.6580	30.7692
Drexel	MO11	1060	1.6580	31.8681
Edina	MO12	1283	1.6580	32.9670
HolidaySh	IL12	2142	1.6438	34.0659
SAVE	IL20	400	1.6296	35.1648
Topeka	KS2	119883	1.6296	36.2637
Eagle Cr.			1.6013	37.3626
Centralia	IL4	14274	1.5446	38.4615
Indianapolis	IN4	839000	1.6013	39.5604
Moberly	MO24	14050	1.4878	40.6593
Carthage	IL3	2657	1.4595	41.7582
Chariton	IA4	4616	1.4595	42.8571
Cl.Cannon	MO7	25	1.4169	43.9560
White R.N.			1.4028	45.0549
Kinmundy	IL13	940	1.3602	46.1538
Danville	IL6	38000	1.3177	47.2527
Leon	IA11	2047	1.3177	48.3516
Rathbun	IA19	22196	1.2751	49.4505
MonroeCity	MO26	2701	1.2468	50.5495
FortWayne	IN1	184716	1.2326	51.6484
Springfield	IL22	125123	1.1759	52.7473

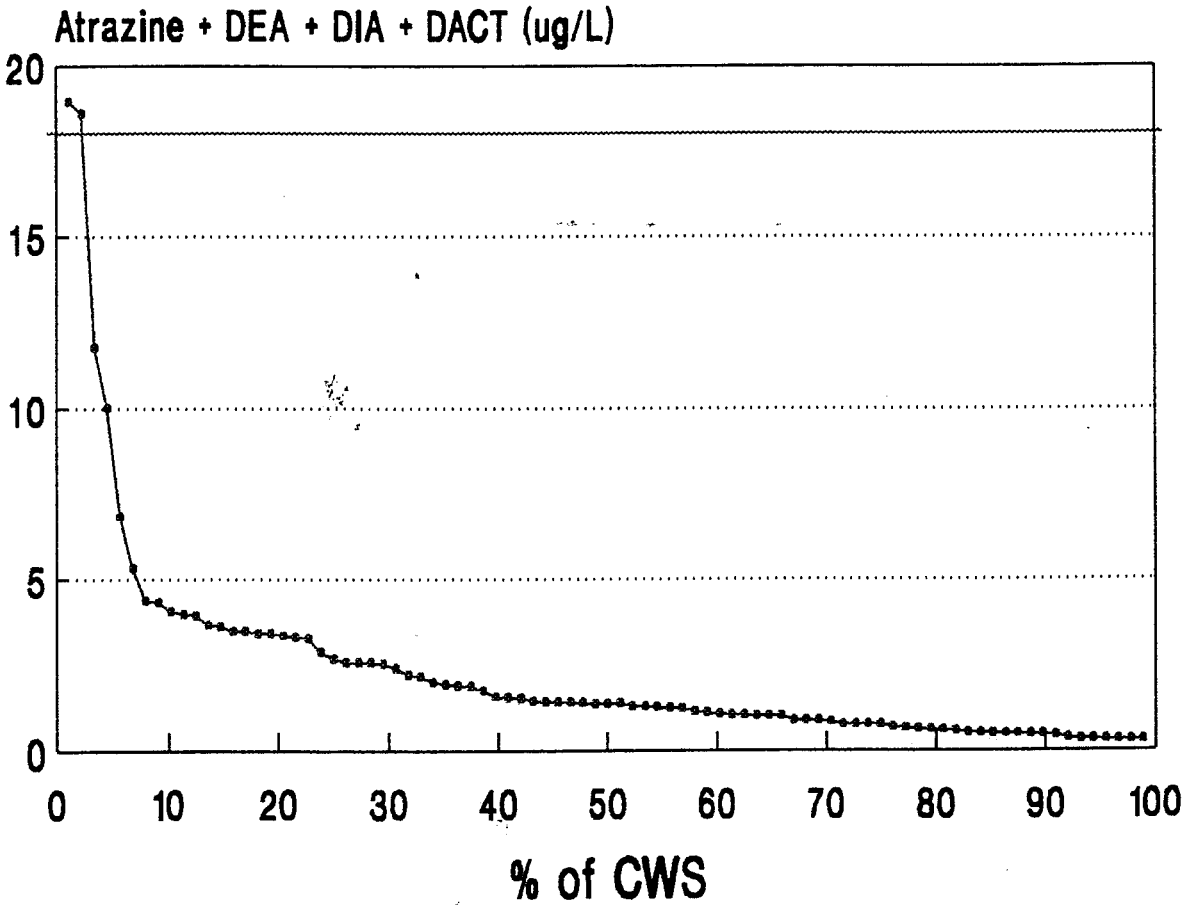
Voluntary Monitoring Study
Annaul Mean - 1997
Total 90 CWS



Total chloro-triazine chronic DWLOC
- 18 ug/L for children and infants

CWS	ID	Population	1996 Mean	Percentile
Shipman	IL21	675	18.9292	1.1364
Hettick	IL9	250	18.5747	2.2727
Carlinville	IL2	6688	11.7683	3.4091
White Hall	IL26	2950	10.0242	4.5455
Pittsfield	IL18	4245	6.8337	5.6818
Centralia	IL4	14274	5.3164	6.8182
Mt. Olive	IL15	2150	4.3806	7.9545
Iberville	LA1	10400	4.3380	9.0909
Smithville	MO31	4365	4.0828	10.2273
Farina	IL7	600	3.9977	11.3636
Centerville	IA3	5936	3.9552	12.5000
Kinmundy	IL13	940	3.6857	13.6364
ADGPTV	IL1	1183	3.6432	14.7727
Coulterville	IL5	1100	3.5014	15.9091
Marceline	MO23	2938	3.5014	17.0455
Salem	IL19	8000	3.4305	18.1818
Mt. Ayr	IA15	1796	3.4305	19.3182
Lamoni	IA9	2319	3.3596	20.4545
Palmyra	IL17	60	3.3171	21.5909
Baring	MO3	182	3.2745	22.7273
Holland	IN3	1462	2.8633	23.8636
Edina	MO12	1283	2.6790	25.0000
Chariton	IA4	4616	2.5655	26.1364
Montezuma	IA13	1651	2.5655	27.2727
LaBelle	MO18	845	2.5655	28.4091
Rathbun	IA19	22196	2.5372	29.5455
Albia	IA1	3870	2.3954	30.6818
Hillsboro	IL11	4400	2.2110	31.8182
Concordia	MO9	2600	2.1685	32.9545
Unionville	MO33	1989	2.0125	34.0909
Osceola	IA17	4164	1.9558	35.2273
Eagle Cr.			1.9132	36.3636
Macon	MO22	5571	1.8849	37.5000
Topeka	KS2	119883	1.7714	38.6364
Thibodaux	LA3	15810	1.6013	39.7727
Odessa	MO27	3695	1.5729	40.9091
HolidaySh	IL12	2142	1.5587	42.0455
Bloomfield	IA2	2580	1.4737	43.1818
Springfield	IL22	125123	1.4453	44.3182
Cl.Cannon	MO7	25	1.4453	45.4545
Higginsvile	MO15	4693	1.4311	46.5909
Drexel	MO11	1060	1.4169	47.7273
Vermont	IL23	806	1.3886	48.8636
Fall Creek			1.3886	50.0000
Indianapolis	IN4	839000	1.4063	51.1364
Leon	IA11	2047	1.3177	52.2727
MonroeCity	MO26	2701	1.3177	53.4091
Fairfield	IA7	9955	1.2893	54.5455

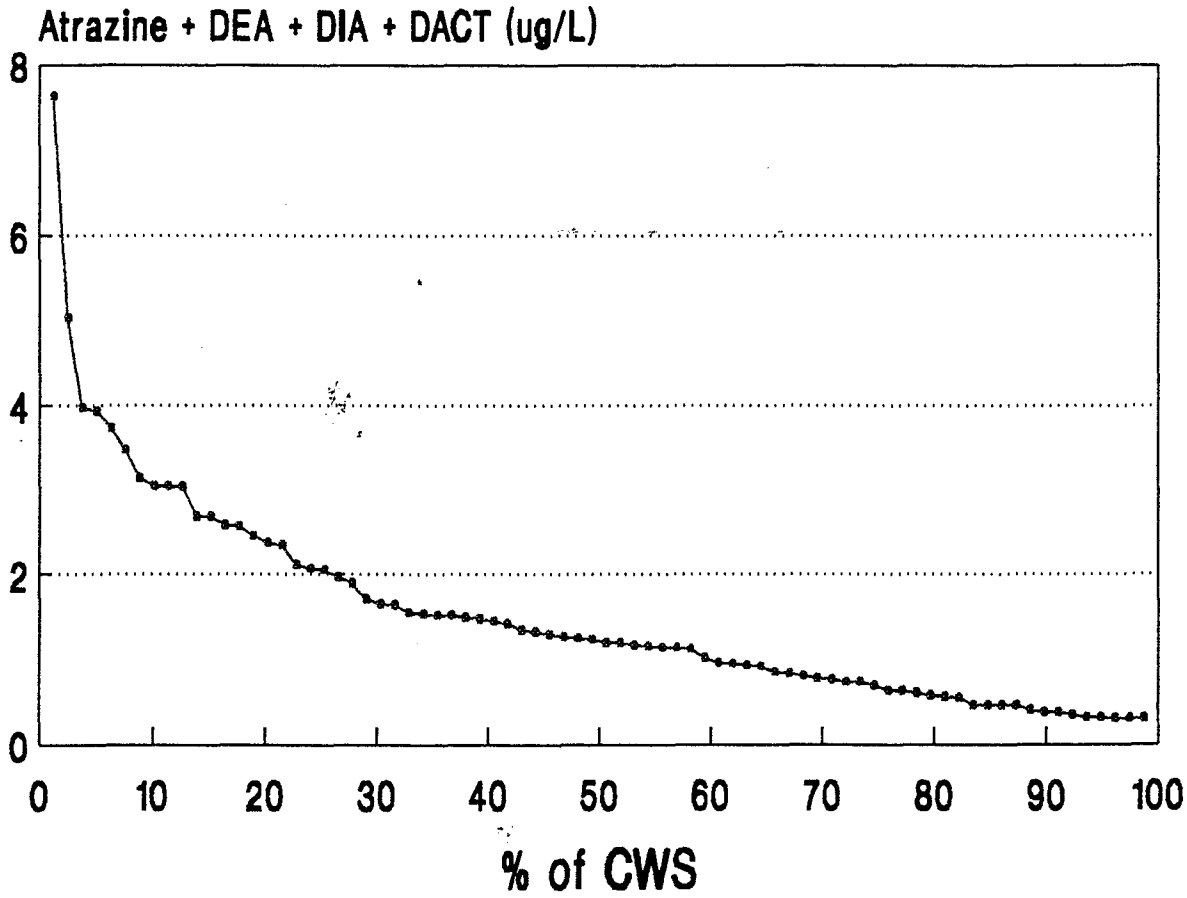
Voluntary Monitoring Study
Annaul Mean - 1996
Total 87 CWS



Total chloro-triazine chronic DWLOC
- 18 ug/L for children and infants

CWS	ID	Population	1995 Mean	Percentile
Carlinville	IL2	6688	7.6278	1.2658
Hettick	IL9	250	5.0328	2.5316
Iberville	LA1	10400	3.9693	3.7975
SAVE	IL20	400	3.9268	5.0633
Smithville	MO31	4365	3.7283	6.3291
Concordia	MO9	2600	3.4730	7.5949
Palmyra	IL17	60	3.1327	8.8608
Pittsfield	IL18	4245	3.0476	10.1266
Hamilton	MO14	1650	3.0476	11.3924
Hillsboro	IL11	4400	3.0335	12.6582
Dearborn	MO10	481	2.6931	13.9241
Marceline	MO23	2938	2.6931	15.1899
Mt. Ayr	IA15	1796	2.5939	16.4557
Farina	IL7	600	2.5797	17.7215
Odessa	MO27	3695	2.4663	18.9873
Kinmundy	IL13	940	2.3812	20.2532
Drexel	MO11	1060	2.3528	21.5190
Shipman	IL21	675	2.1118	22.7848
ADGPTV	IL1	1183	2.0692	24.0506
MonroeCity	MO26	2701	2.0550	25.3165
Shelbina	MO30	2171	1.9700	26.5823
Jamesport	MO16	600	1.8991	27.8481
Nashville	IL16	3450	1.7147	29.1139
Cl.Cannon	MO7	25	1.6580	30.3797
Macon	MO22	5571	1.6438	31.6456
HolidaySh	IL12	2142	1.5587	32.9114
Osceola	IA17	4164	1.5446	34.1772
oultervill	IL5	1100	1.5304	35.4430
Springfield	IL22	125123	1.5304	36.7089
Baring	MO3	182	1.5020	37.9747
Lenox	IA10	1303	1.4878	39.2405
Rathbun	IA19	22196	1.4595	40.5063
White Hall	IL26	2950	1.4311	41.7722
Thibodaux	LA3	15810	1.3602	43.0380
Salem	IL19	8000	1.3319	44.3038
Centralia	IL4	14274	1.3035	45.5696
Higginsvile	MO15	4693	1.2751	46.8354
Queen City	MO28	743	1.2610	48.1013
Topeka	KS2	119883	1.2468	49.3671
Carthage	IL3	2657	1.2042	50.6329
Montezuma	IA13	1651	1.2042	51.8987
WayneCity	IL25	1424	1.1759	53.1646
Centerville	IA3	5936	1.1617	54.4304
Mt. Olive	IL15	2150	1.1475	55.6962
Lamoni	IA9	2319	1.1475	56.9620
Mt.Pleasant	IA14	8027	1.1333	58.2278
Bloomfield	IA2	2580	1.0199	59.4937
Panora	IA18	1100	0.9632	60.7595

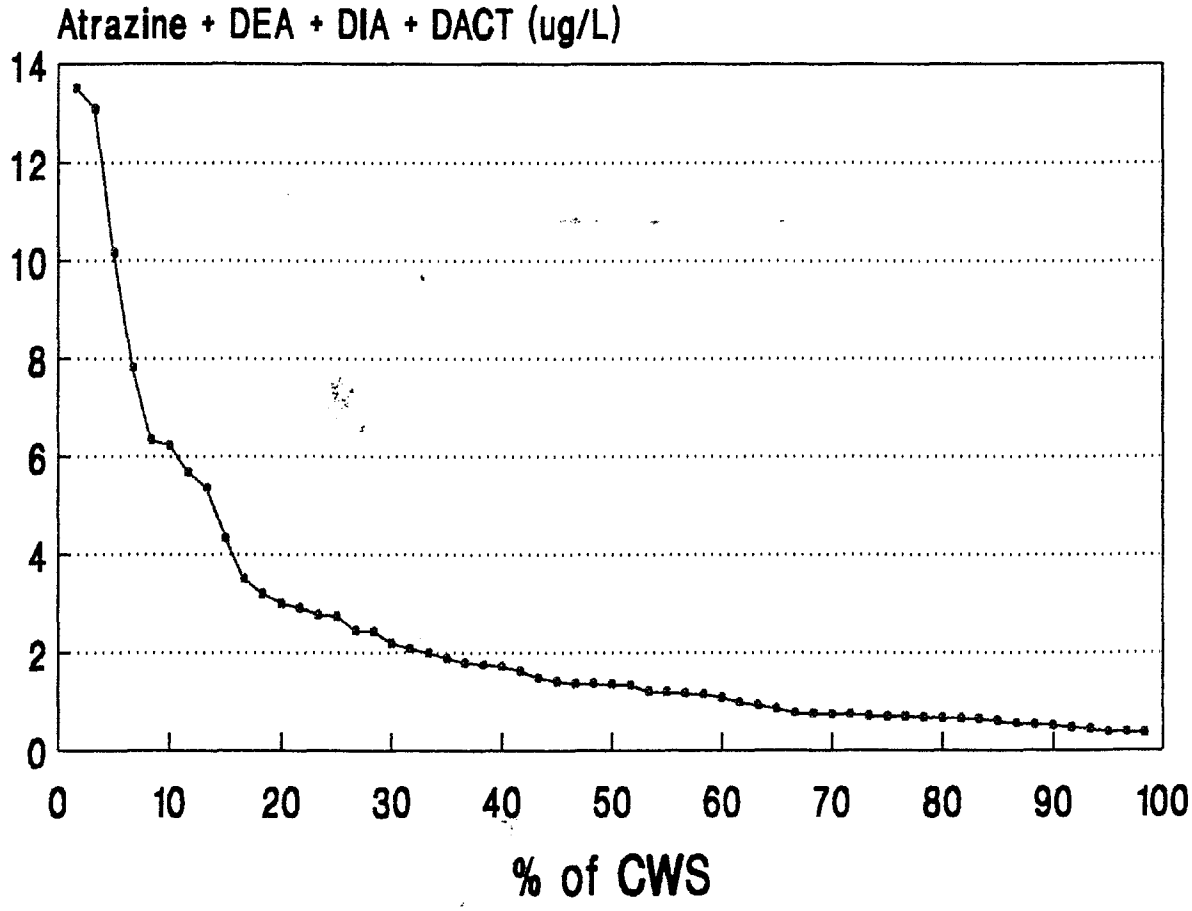
Voluntary Monitoring Study
Annaul Mean - 1995
Total 78 CWS



Total chloro-triazine chronic DWLOC
▪ 18 ug/L for children and infants

CWS	ID	Population	1994 Mean	Percentile
Palmyra	IL17	60	13.4983	1.6667
Salem	IL19	8000	13.0729	3.3333
Hettick	IL9	250	10.1518	5.0000
Shipman	IL21	675	7.8263	6.6667
Queen City	MO28	743	6.3374	8.3333
ADGPTV	IL1	1183	6.2240	10.0000
Centralia	IL4	14274	5.6851	11.6667
Hillsboro	IL11	4400	5.3590	13.3333
Farina	IL7	600	4.3238	15.0000
Kinmundy	IL13	940	3.4872	16.6667
Cl.Cannon	MO7	25	3.1894	18.3333
MonroeCity	MO26	2701	2.9909	20.0000
Carlinville	IL2	6688	2.9058	21.6667
Lamoni	IA9	2319	2.7640	23.3333
Bloomfield	IA2	2580	2.7357	25.0000
Mt. Ayr	IA15	1796	2.4521	26.6667
Rathbun	IA19	22196	2.4379	28.3333
Marceline	MO23	2938	2.1968	30.0000
Centerville	IA3	5936	2.0834	31.6667
Pittsfield	IL18	4245	1.9983	33.3333
Macon	MO22	5571	1.8849	35.0000
Mt.Pleasant	IA14	8027	1.7856	36.6667
Albia	IA1	3870	1.7573	38.3333
Nashville	IL16	3450	1.7147	40.0000
Winterset	IA22	4196	1.6155	41.6667
LaBelle	MO18	845	1.4737	43.3333
Baring	MO3	182	1.4028	45.0000
WayneCity	IL25	1424	1.3602	46.6667
Wyaconda	MO35	358	1.3602	48.3333
Chariton	IA4	4616	1.3460	50.0000
Moberly	MO24	14050	1.3319	51.6667
Corning	IA6	1950	1.2042	53.3333
Highland	IL10	7800	1.1901	55.0000
Coulterville	IL5	1100	1.1617	56.6667
Osceola	IA17	4164	1.1475	58.3333
Edina	MO12	1283	1.0766	60.0000
White Hall	IL26	2950	0.9774	61.6667
Unionville	MO33	1989	0.9206	63.3333
Lake Park	IA8	996	0.8497	65.0000
Panora	IA18	1100	0.7647	66.6667
Wahpeton	IA21	484	0.7505	68.3333
Clarinda	IA5	5104	0.7363	70.0000
Okoboji	IA16	25	0.7363	71.6667
Mt. Olive	IL15	2150	0.7079	73.3333
SAVE	IL20	400	0.6938	75.0000
Lenox	IA10	1303	0.6938	76.6667
Shelbina	MO30	2171	0.6796	78.3333
Milford	IA12	2170	0.6512	80.0000

Voluntary Monitoring Study
Annaul Mean - 1994
Total 59 CWS



Total chloro-triazine chronic DWLOC
- 18 ug/L for children and infants