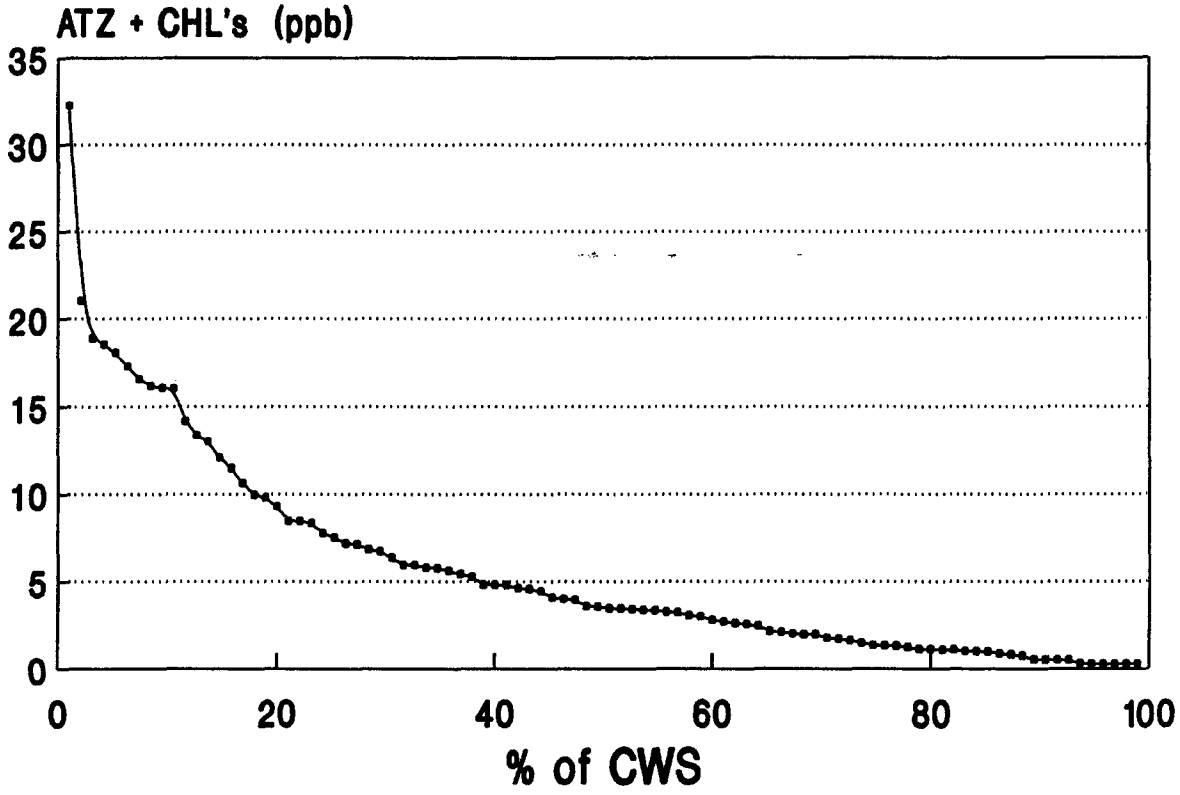
Sub-Appendix B-7: EFED generated, regression estimated, 1993-1998 annual maximum total chloro-triazine (atrazine + DEA + DIA + DACT) concentration cumulative exceedence tables (1st page) and curves (based upon data from the Novartis Voluntary Monitoring Study on surface water source CWSs). The percentiles are based on the percentages of CWSs with equal or lesser concentrations.

CWS	ID	Population	1998 Max	Percentile
Hettick	IL9	250	32.267	1.053
Centralia	IL4	14274	21.045	2.105
Jamesport	MO16	600	18.898	3.158
Danville	IL6	38000	18.550	4.211
Chariton	IA4	4616	18.083	5.263
ADGPTV	IL1	1183	17.309	6.316
Farina	IL7	600	16.584	7.368
Iberville	LA1	10400	16.202	8.421
White R.N.	IN7		16.082	9.474
Belleville	IL20	400	16.054	10.526
Drexel	MO11	1060	14.172	11.579
White R.	IN6		13.350	12.632
Eagle Cr.	IN4		12.988	13.684
Mt.Pleasant	IA14	8027	12.068	14.737
Mt. Ayr	IA15	1796	11.454	15.789
Scottsburg	IN9	5520	10.632	16.842
Atchison	KS1	10656	9.977	17.895
Hillsboro	IL11	4400	9.823	18.947
FortWayne	IN1	184716	9.280	20.000
Palmyra	IL17	60	8.457	21.053
Fall Creek	IN5		8.457	22.105
Carlinville	IL2	6688	8.332	23.158
Mt. Olive	IL15	2150	7.740	24.211
Bucklin	MO5	616	7.499	25.263
Baring	MO3	182	7.178	26.316
Greenfield	IL8	1200	7.126	27.368
Thibodaux	LA3	15810	6.824	28.421
Shipman	IL21	675	6.715	29.474
Sedalia	MO29	20000	6.352	30.526
Centerville	IA3	5936	5.951	31.579
Lamoni	IA9	2319	5.951	32.632
Vandalia	MO34	2683	5.810	33.684
Wyaconda	MO35	358	5.778	34.737
Concordia	MO9	2600	5.641	35.789
Smithville	MO31	4365	5.457	36.842
Marceline	MO23	2938	5.289	37.895
Adrian	MO1	1500	4.819	38.947
Cl.Cannon	MO7	25	4.819	40.000
Hillsboro	TX1	7897	4.797	41.053
Greensburg	IN2	10500	4.637	42.105
Montezuma	IA13	1651	4.587	43.158
Norwalk	OH1	14800	4.458	44.211
Kinmundy	IL13	940	4.094	45.263

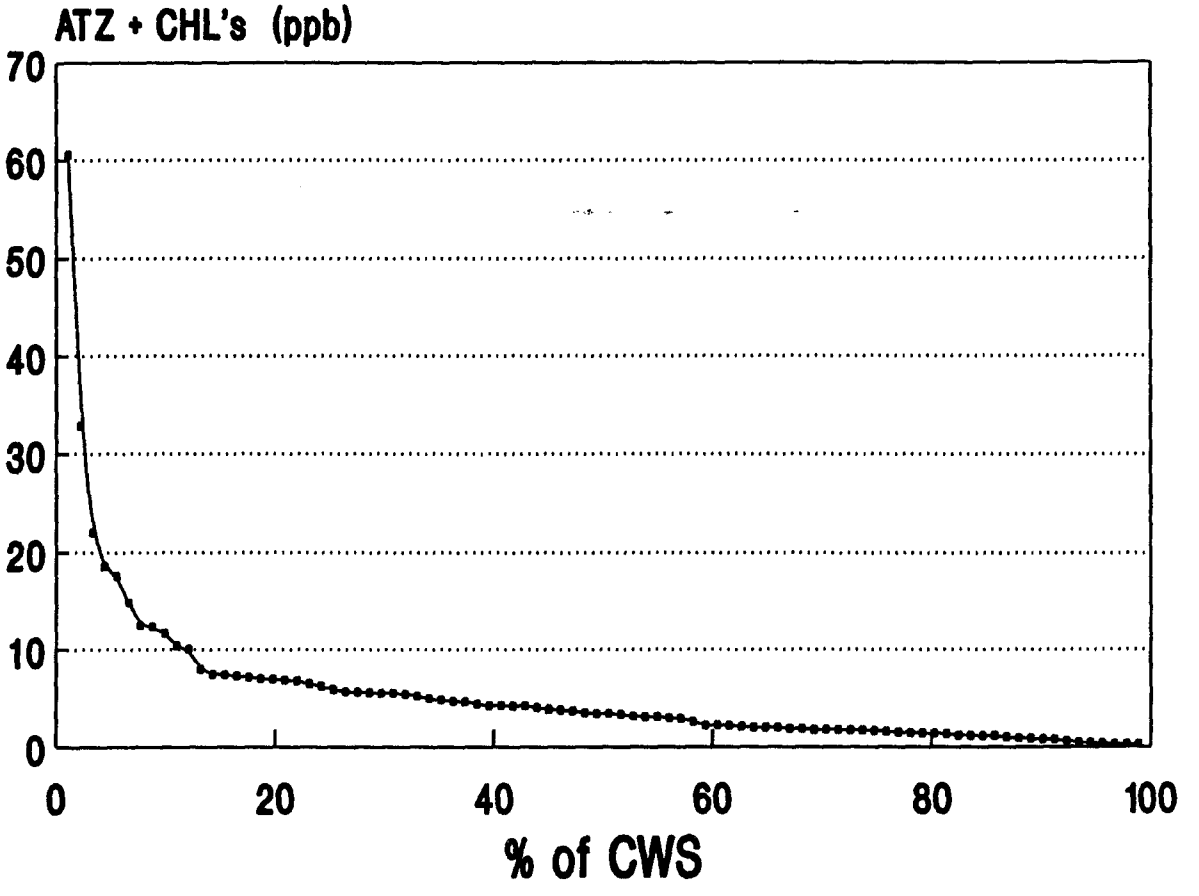
Voluntary Monitoring Study
Annual Maximum - 1998
Total of 94 CWS



Acute DWLOC is 298 ppb for females 13-50

CWS	ID	Population	1997 Max	Percentile
Iberville	LA1	10400	60.549	1.099
Thibodaux	LA3	15810	32.880	2.198
Vandalia	MO34	2683	22.049	3.297
Hettick	IL9	250	18.597	4.396
Bucklin	MO5	616	17.657	5.495
Concordia	MO9	2600	14.863	6.593
Shipman	IL21	675	12.457	7.692
Greensburg	IN2	10500	12.380	8.791
Marceline	MO23	2938	11.662	9.890
Pittsfield	IL18	4245	10.400	10.989
White R.N.	IN7		10.074	12.088
Topeka	KS2	119883	8.025	13.187
FortWayne	IN1	184716	7.509	14.286
Mt.Pleasant	IA14	8027	7.412	15.385
Mt. Olive	IL15	2150	7.330	16.484
Wyaconda	MO35	358	7.164	17.582
Danville	IL6	38000	7.035	18.681
Fall Creek	IN5		6.993	19.780
Coulterville	IL5	1100	6.888	20.879
Higginsvile	MO15	4693	6.820	21.978
Macon	MO22	5571	6.528	23.077
Marlin	TX2	6386	6.310	24.176
Montezuma	IA13	1651	5.948	25.275
Farina	IL7	600	5.746	26.374
Baring	MO3	182	5.657	27.473
Belleville	IL20	400	5.641	28.571
Centerville	IA3	5936	5.580	29.670
Osceola	IA17	4164	5.580	30.769
Smithville	MO31	4365	5.474	31.868
Palmyra	IL17	60	5.289	32.967
Sedalia	MO29	20000	5.042	34.066
Panora	IA18	1100	4.860	35.165
Edina	MO12	1283	4.735	36.264
Carthage	IL3	2657	4.707	37.363
Drexel	MO11	1060	4.484	38.462
Leon	IA11	2047	4.275	39.560
Rathbun	IA19	22196	4.275	40.659
Moberly	MO24	14050	4.264	41.758
Kinmundy	IL13	940	4.260	42.857
Cl.Cannon	MO7	25	4.127	43.956
White R.	IN6		3.913	45.055
Lamoni	IA9	2319	3.846	46.154
ADGPTV	IL1	1183	3.773	47.253

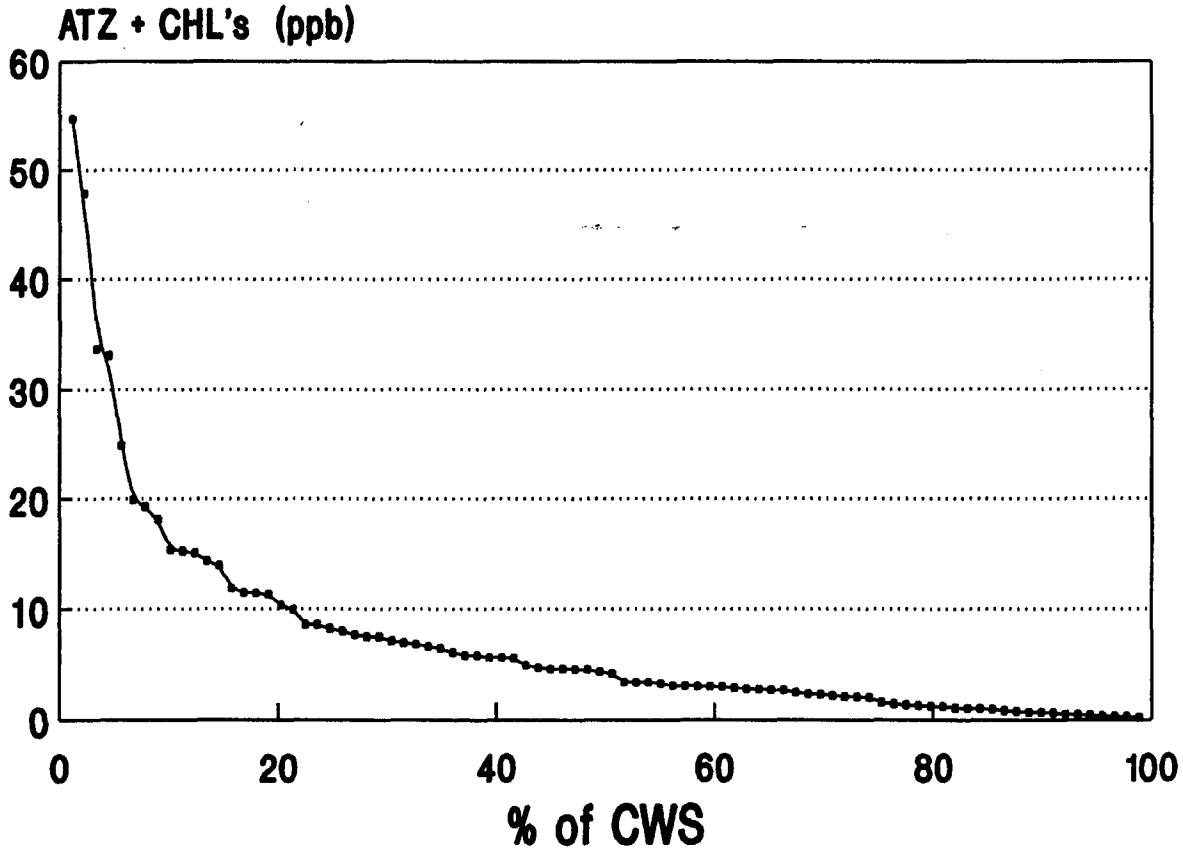
Voluntary Monitoring Study
Annual Maximum - 1997
Total of 90 CWS



Acute DWLOC is 298 ppb for females 13-50

CWS	ID	Population	1996 Max	Percentile
Hettick	IL9	250	54.654	1.124
Shipman	IL21	675	47.869	2.247
Salem	IL19	8000	33.633	3.371
Iberville	LA1	10400	33.061	4.494
Centralia	IL4	14274	24.865	5.618
White Hall	IL26	2950	19.910	6.742
Thibodaux	LA3	15810	19.316	7.865
Palmyra	IL17	60	18.145	8.989
Lamoni	IA9	2319	15.441	10.112
Mt. Ayr	IA15	1796	15.329	11.236
Centerville	IA3	5936	15.203	12.360
Edina	MO12	1283	14.465	13.483
Pittsfield	IL18	4245	14.045	14.607
Topeka	KS2	119883	11.900	15.730
Danville	IL6	38000	11.496	16.854
Unionville	MO33	1989	11.455	17.978
Kinmundy	IL13	940	11.352	19.101
Hillsboro	IL11	4400	10.395	20.225
Mt. Olive	IL15	2150	9.989	21.348
Coulterville	IL5	1100	8.643	22.472
HolidaySh	IL12	2142	8.643	23.596
LaBelle	MO18	845	8.336	24.719
Holland	IN3	1462	8.113	25.843
Baring	MO3	182	7.808	26.966
ADGPTV	IL1	1183	7.635	28.090
Panora	IA18	1100	7.635	29.213
Carlinville	IL2	6688	7.284	30.337
Vermont	IL23	806	7.077	31.461
Chariton	IA4	4616	6.973	32.584
Smithville	MO31	4365	6.769	33.708
Farina	IL7	600	6.615	34.831
Marceline	MO23	2938	6.257	35.955
Butler	MO6	4100	5.976	37.079
Cl.Cannon	MO7	25	5.976	38.202
Albia	IA1	3870	5.797	39.326
Montezuma	IA13	1651	5.797	40.449
Macon	MO22	5571	5.729	41.573
Fall Creek	IN5		5.028	42.697
Eagle Cr.	IN4		4.816	43.820
Concordia	MO9	2600	4.693	44.944
Jefferson	LA2	494441	4.690	46.067
White R.	IN6		4.651	47.191
Clarinda	IA5	5104	4.622	48.315

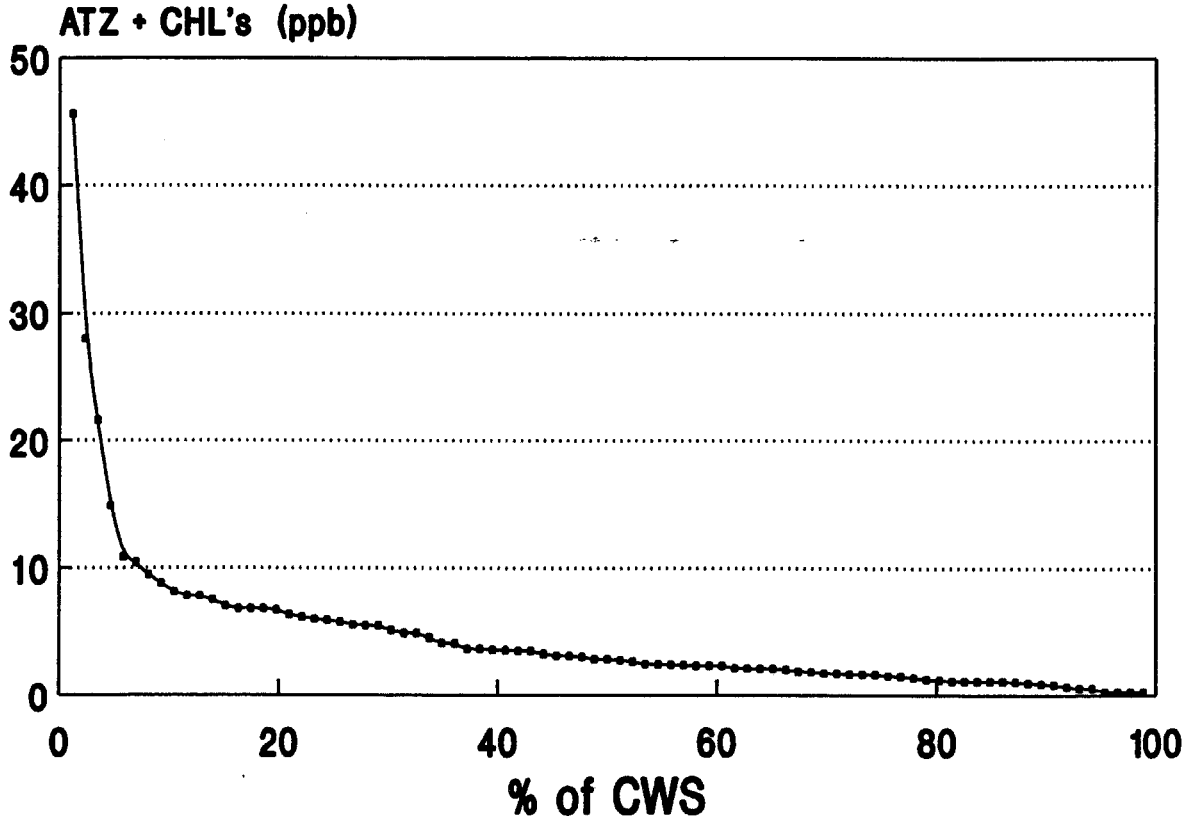
Voluntary Monitoring Study
Annual Maximum - 1996
Total of 88 CWS



Acute DWLOC is 298 ppb for females 13-50

CWS	ID	Population	1995 Max	Percentile
Iberville	LA1	10400	45.607	1.163
Belleville	IL20	400	27.987	2.326
Thibodaux	LA3	15810	21.616	3.488
Butler	MO6	4100	14.880	4.651
Carlinville	IL2	6688	10.827	5.814
Hettick	IL9	250	10.415	6.977
Dearborn	MO10	481	9.479	8.140
Mt.Pleasant	IA14	8027	8.820	9.302
Hamilton	MO14	1650	8.128	10.465
Palmyra	IL17	60	7.806	11.628
Smithville	MO31	4365	7.799	12.791
Hillsboro	IL11	4400	7.496	13.953
Salem	IL19	8000	6.993	15.116
Concordia	MO9	2600	6.777	16.279
MonroeCity	MO26	2701	6.777	17.442
Odessa	MO27	3695	6.777	18.605
Shelbina	MO30	2171	6.673	19.767
Eagle Cr.	IN4		6.300	20.930
Queen City	MO28	743	6.102	22.093
Pittsfield	IL18	4245	5.941	23.256
Lenox	IA10	1303	5.843	24.419
Kinmundy	IL13	940	5.729	25.581
Mt. Ayr	IA15	1796	5.491	26.744
Drexel	MO11	1060	5.442	27.907
Jamesport	MO16	600	5.442	29.070
ADGPTV	IL1	1183	5.084	30.233
Montezuma	IA13	1651	4.877	31.395
Panora	IA18	1100	4.877	32.558
Marceline	MO23	2938	4.523	33.721
Farina	IL7	600	4.148	34.884
Macon	MO22	5571	4.091	36.047
Nashville	IL16	3450	3.692	37.209
Springfield	IL22	125123	3.692	38.372
Cl.Cannon	MO7	25	3.620	39.535
White R.N.	IN7		3.592	40.698
Shipman	IL21	675	3.550	41.860
White R.	IN6		3.548	43.023
Fall Creek	IN5		3.308	44.186
Centralia	IL4	14274	3.170	45.349
Highland	IL10	7800	3.160	46.512
Osceola	IA17	4164	3.093	47.674
Coulterville	IL5	1100	2.918	48.837
HolidaySh	IL12	2142	2.918	50.000

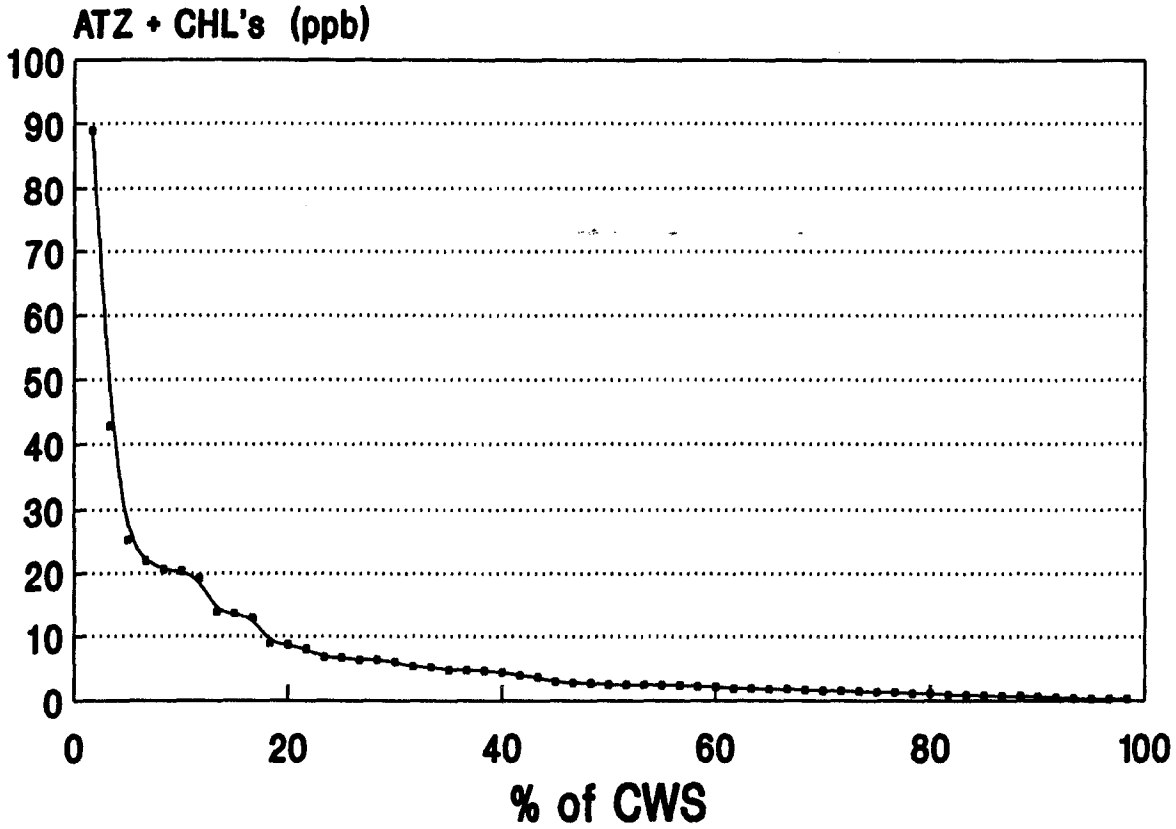
Voluntary Monitoring Study
Annual Maximum - 1995
Total of 85 CWS



Acute DWLOC is 298 ppb for females 13-50

CWS	ID	Population	1994 Max	Percentile
Salem	IL19	8000	88.961	1.667
Hillsboro	IL11	4400	42.931	3.333
Palmyra	IL17	60	25.138	5.000
Hettick	IL9	250	21.934	6.667
Centralia	IL4	14274	20.571	8.333
Shipman	IL21	675	20.315	10.000
ADGPTV	IL1	1183	19.261	11.667
Kinmundy	IL13	940	13.891	13.333
Queen City	MO28	743	13.602	15.000
Mt.Pleasant	IA14	8027	12.904	16.667
Cl.Cannon	MO7	25	8.967	18.333
Carlinville	IL2	6688	8.736	20.000
Highland	IL10	7800	8.081	21.667
Farina	IL7	600	6.839	23.333
Pittsfield	IL18	4245	6.770	25.000
Bloomfield	IA2	2580	6.462	26.667
Lamoni	IA9	2319	6.462	28.333
MonroeCity	MO26	2701	6.087	30.000
Mt. Ayr	IA15	1796	5.422	31.667
Centerville	IA3	5936	5.293	33.333
Marceline	MO23	2938	4.860	35.000
Wyaconda	MO35	358	4.860	36.667
Rathbun	IA19	22196	4.741	38.333
WayneCity	IL25	1424	4.521	40.000
Winterset	IA22	4196	4.024	41.667
Macon	MO22	5571	3.757	43.333
Albia	IA1	3870	3.034	45.000
Panora	IA18	1100	2.849	46.667
Coulterville	IL5	1100	2.798	48.333
Chariton	IA4	4616	2.567	50.000
Corning	IA6	1950	2.567	51.667
LaBelle	MO18	845	2.547	53.333
Clarinda	IA5	5104	2.492	55.000
Baring	MO3	182	2.492	56.667
Moberly	MO24	14050	2.287	58.333
Osceola	IA17	4164	2.225	60.000
Lake Park	IA8	996	1.980	61.667
Nashville	IL16	3450	1.945	63.333
Mt. Olive	IL15	2150	1.844	65.000
Belleville	IL20	400	1.844	66.667
Unionville	MO33	1989	1.703	68.333
Fairfield	IA7	9955	1.626	70.000
Edina	MO12	1283	1.589	71.667

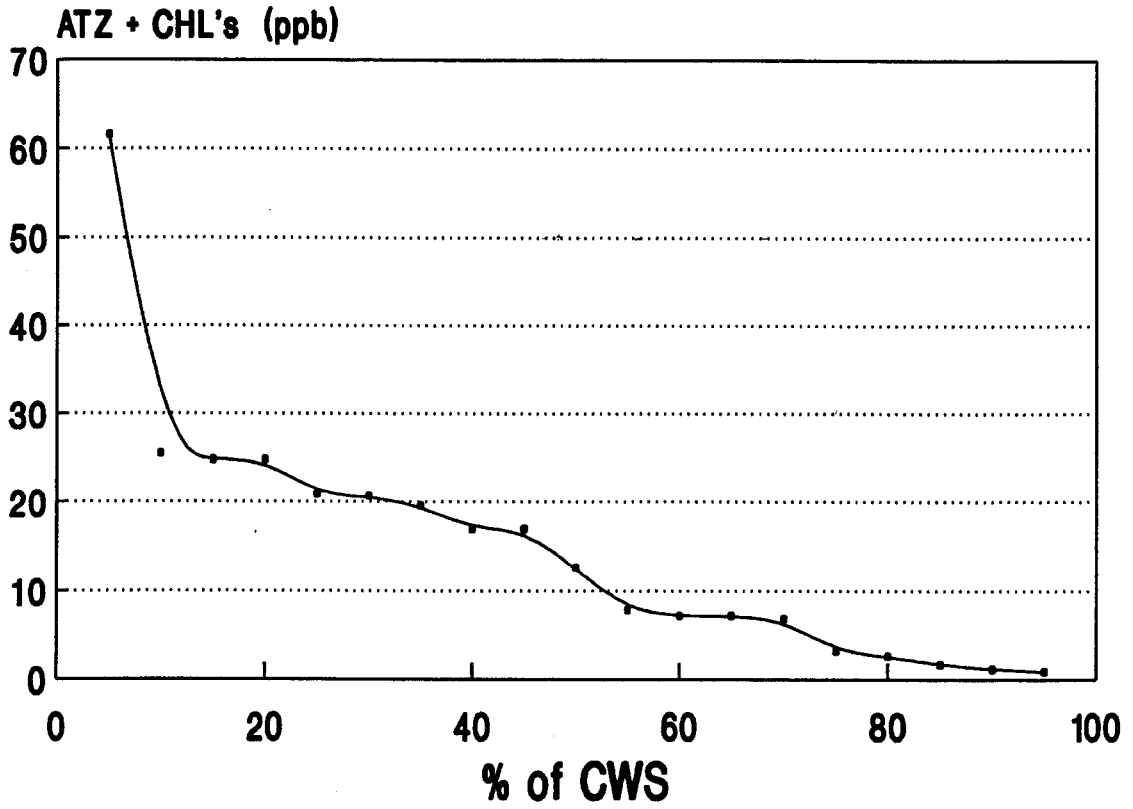
Voluntary Monitoring Study
Annual Maximum - 1994
Total of 59 CWS



Acute DWLOC is 298 ppb for females 13-50

CWS	ID	Population	1993 Max	Percentile
Salem	IL19	8000	61.610	5.00
Kinmundy	IL13	940	25.479	10.00
Farina	IL7	600	24.795	15.00
Shipman	IL21	675	24.795	20.00
ADGPTV	IL1	1183	20.850	25.00
Hettick	IL9	250	20.656	30.00
Palmyra	IL17	60	19.525	35.00
WayneCity	IL25	1424	16.905	40.00
Hillsboro	IL11	4400	16.876	45.00
Belleville	IL20	400	12.613	50.00
Coulterville	IL5	1100	7.791	55.00
Centralia	IL4	14274	7.143	60.00
Pittsfield	IL18	4245	7.143	65.00
White Hall	IL26	2950	6.770	70.00
Waverly	IL24	1402	3.230	75.00
Nashville	IL16	3450	2.645	80.00
Mt. Olive	IL15	2150	1.640	85.00
Highland	IL10	7800	1.125	90.00
Carlinville	IL2	6688	0.860	95.00

Voluntary Monitoring Study
Annual Maximum - 1993
Total of 19 CWS



Acute DWLOC is 298 ppb for females 13-5