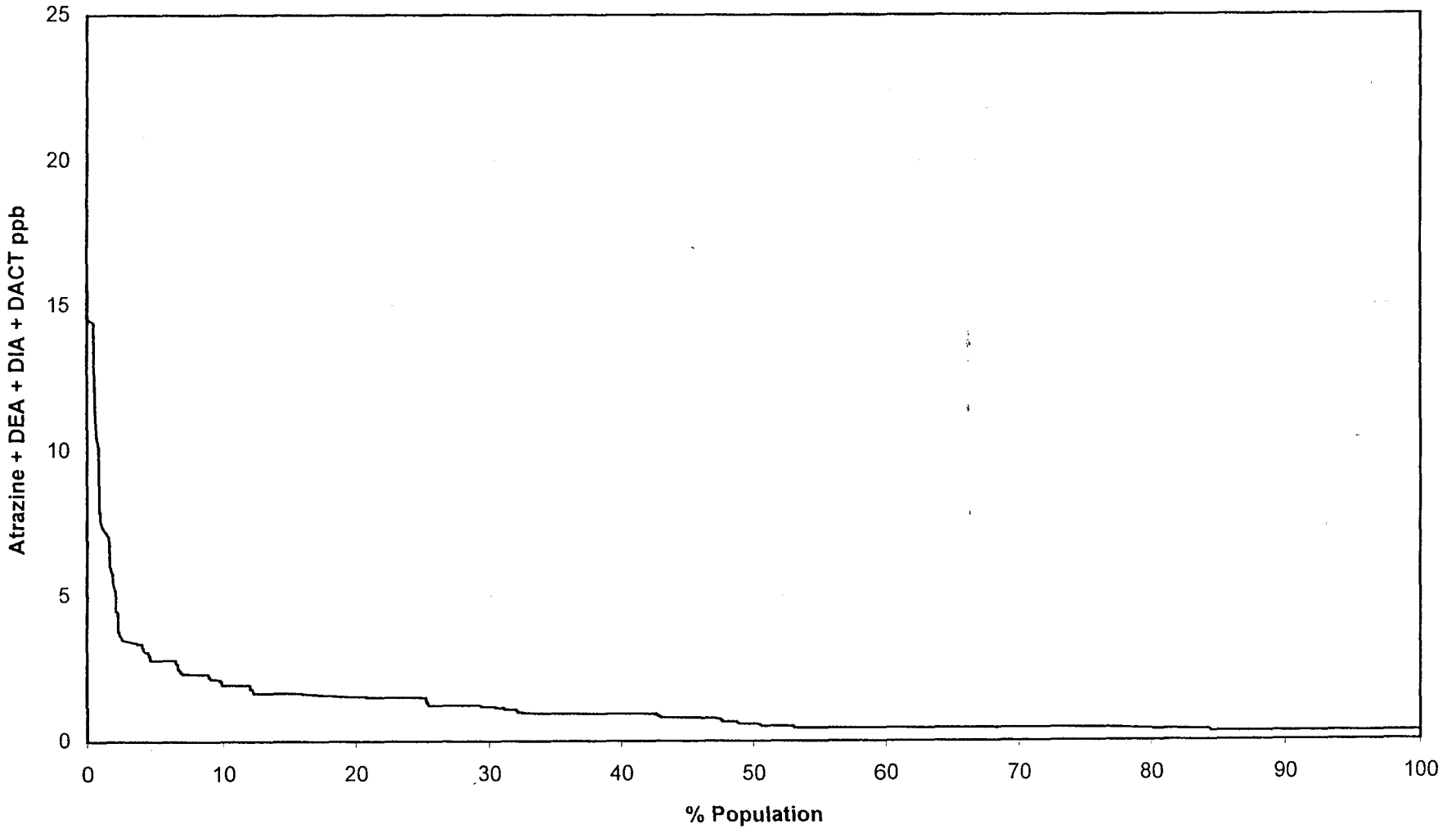
Sub-Appendix A-5: EFED generated, regression estimated, 1993-1998 annual maximum total chloro-triazine (atrazine + DEA + DIA + DACT) concentration cumulative exceedence tables (1st page) and curves (based upon data from the surface water portion of the Novartis CWS PLEX Database). The percentiles are based on the percentages of the assessed population exposed to an equal or lesser concentration.

CUMULATIVE CWS DISTRIBUTION (0-100 PERCENT RANGE) BASED ON ATRAZINE INDIVIDUAL MAXIMUM CONCENTRATIONS IN 1998 FOR 2,494 CWS IN THE 21 MAJOR ATRAZIN

PWSID	CWS NAME	DATA SOURCE	PURCHASE FROM	WATER SOURCE	YEAR		CUMULATI POPULATIO	OPULATIO %	NDIVIDUA MAXIMUM	SUM ATZ+CHL
pws_id	namecws	datasource	purch_from	medium	year	popserv	cum pop	cum percent	annual_max	
1010406-mo	jamesport	self		swat	1998	600	600	0.0014	14.20	20.3756
3500711-oh	MCCLURE, VILLAGE OF	self		swat	1998	850	1450	0.0033	14.00	20.092
1370450-il	WAVERLY	self		swat	1998	1402	2852	0.0065	11.20	16.1216
2010308-mo	glasgow	self		swat	1998	1295	4147	0.0094	10.90	15.6962
2024261-mo	HOWARD CO PWSD #2	purchaser	2010308-mo	swat	1998	850	4997	0.0114	10.90	15.6962
1047002-la	iberville wwks dist #3	self		swat	1998	10400	15397	0.0350	10.80	15.5544
3500811-oh	NAPOLEON, CITY OF	self		swat	1998	8884	24281	0.0552	10.66	15.35588
3500603-oh	LIBERTY CENTER, VLG. OF	purchaser	3500811-oh	swat	1998	1350	25631	0.0583	10.66	15.35588
3501203-oh	FLORIDA, CITY OF	purchaser	3500811-oh	swat	1998	500	26131	0.0594	10.66	15.35588
3501403-oh	MALINTA, VILLAGE OF	purchaser	3500811-oh	swat	1998	294	26425	0.0601	10.66	15.35588
5903011-ia	CHARITON MUNICIPAL WATER WORKS	self		swat	1998	4616	31041	0.0706	10.10	14.5618
2020906-ks	kansas city bd of pub. utilit	self		swat	1998	164462	195503	0.4446	10.00	14.42
0801011-oh	MOUNT ORAB, VILLAGE OF	self		swat	1998	3450	198953	0.4525	9.85	14.2073
2000111-oh	DEFIANCE, CITY OF	self		swat	1998	17000	215953	0.4911	9.44	13.62592
2000903-oh	AYERSVILLE WATER & SEWE	purchaser	2000111-oh	swat	1998	1600	217553	0.4948	9.44	13.62592
2001003-oh	CHRISTI MEADOWS SUBDIVI	purchaser	2000111-oh	swat	1998	300	217853	0.4955	9.44	13.62592
2001103-oh	BRUNERSBURG WATER & SEW	purchaser	2000111-oh	swat	1998	446	218299	0.4965	9.44	13.62592
1400111-oh	BLANCHESTER, VILLAGE OF	self		swat	1998	4450	222749	0.5066	8.63	12.47734
2010344-mo	hannibal	self		swat	1998	18004	240753	0.5475	8.28	11.98104
2024499-mo	RALLS CO PWSD #1	purchaser	2010344-mo	swat	1998	4750	245503	0.5583	8.28	11.98104
1010177-mo	clinton	self		swat	1998	9000	254503	0.5788	7.94	11.49892
2100311-oh	DELAWARE, CITY OF	self		swat	1998	28000	282503	0.6425	7.39	10.71902
1170500-il	HETTICK	self		swat	1998	220	282723	0.6430	7.30	10.5914
1300431-oh	clermont co water bmwt	self		swat	1998	63191	345914	0.7867	7.01	10.18018
2000506-ks	city of atchison	self		swat	1998	10638	356552	0.8109	7.00	10.166
2000505-ks	atchison co rwd #2	purchaser	2000506-ks	swat	1998	76	356628	0.8111	7.00	10.166
2000504-ks	atchison co rwd #3	purchaser	2000506-ks	swat	1998	110	356738	0.8113	7.00	10.166
2000509-ks	atchison co rwd #5	purchaser	2000506-ks	swat	1998	1800	358538	0.8154	7.00	10.166
2000510-ks	atchison co rwd #6	purchaser	2000506-ks	swat	1998	549	359087	0.8167	7.00	10.166
2000507-ks	city of lancaster	purchaser	2000506-ks	swat	1998	299	359386	0.8173	7.00	10.166
2000503-ks	atchison co rwd #1	purchaser	2000506-ks	swat	1998	490	359876	0.8185	7.00	10.166
5216005-in	westport water company	self		swat	1998	1440	361316	0.8217	6.80	9.8824
2100711-oh	LAKE OF THE WOODS WATER	self		swat	1998	475	361791	0.8228	6.75	9.8115
3900811-oh	MONROEVILLE, VILLAGE OF	self		swat	1998	1500	363291	0.8262	6.75	9.8115
7004511-oh	SHELBY, CITY OF	self		swat	1998	9800	373091	0.8485	6.60	9.5988
0510250-il	ST ELMO	self		swat	1998	1473	374564	0.8519	6.60	9.5988
1010193-mo	creighton	self		swat	1998	303	374867	0.8526	6.48	9.42864
5501711-oh	WEST MILTON, VILLAGE OF	self		swat	1998	4628	379495	0.8631	6.14	8.94652
2010045-mo	baring	self		swat	1998	206	379701	0.8636	6.13	8.93234
0000750-mi	blissfield	self		swat	1998	3230	382931	0.8709	6.00	8.748
0050300-il	SORENTO	self		swat	1998	750	383681	0.8726	5.60	8.1808
1635110-il	KASKASKIA WTR DSTRCT	self		swat	1998	0	383681	0.8726	5.60	8.1808
1570700-il	TILDEN	purchaser	1635110-il	swat	1998	1169	384850	0.8753	5.60	8.1808
1630700-il	LENZBURG	purchaser	1635110-il	swat	1998	585	385435	0.8766	5.60	8.1808

PLEX Annual Maximum for 1998 with 2494 CWS
Surface Water Source Only



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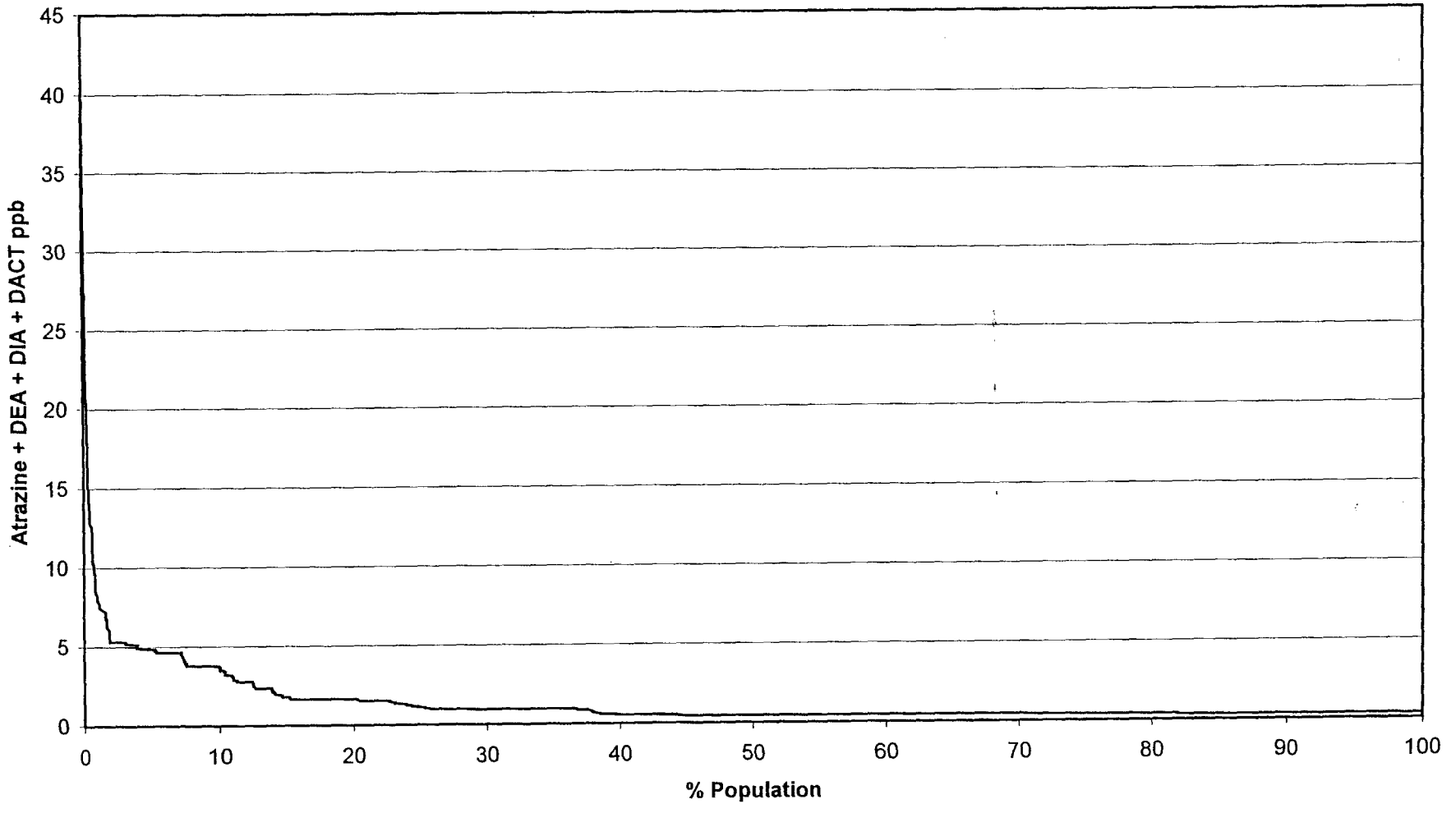
CUMULATIVE CWS DISTRIBUTION (0-100 PERCENT RANGE) BASED ON ATRAZINE INDIVIDUAL MAXIMUM CONCENTRATIONS IN 1997 FOR 2,132 CWS IN THE 21 MAJOR ATRAZINE

PWSID	CWS NAME	DATA SOURCE	PURCHASE FROM	WATER SOURCE	YEAR		CUMULATI POPULATIO	OPULATIO %	NDIVIDUA MAXIMUM	SUM ATZ+CHL
3900811-oh	MONROEVILLE, VILLAGE OF	self		swat	1997	1500	1500	0.0039	29.58	42.18444
4502314-oh	NEWARK, CITY OF	self		swat	1997	46000	47500	0.1244	20.75	29.6635
2000111-oh	DEFIANCE, CITY OF	self		swat	1997	17000	64500	0.1689	17.60	25.1968
2000903-oh	AYERSVILLE WATER & SEWE	purchaser	2000111-oh	swat	1997	1600	66100	0.1731	17.60	25.1968
2001003-oh	CHRISTI MEADOWS SUBDIVI	purchaser	2000111-oh	swat	1997	300	66400	0.1739	17.60	25.1968
2001103-oh	BRUNERSBURG WATER & SEW	purchaser	2000111-oh	swat	1997	446	66846	0.1750	17.60	25.1968
1047002-la	iberville wwks dist #3	self		swat	1997	10400	77246	0.2023	14.90	21.3682
2100311-oh	DELAWARE, CITY OF	self		swat	1997	28000	105246	0.2756	13.76	19.75168
2100711-oh	LAKE OF THE WOODS WATER	self		swat	1997	475	105721	0.2768	12.58	18.07844
3500811-oh	NAPOLEON, CITY OF	self		swat	1997	8884	114605	0.3001	12.47	17.92246
3500603-oh	LIBERTY CENTER, VLG. OF	purchaser	3500811-oh	swat	1997	1350	115955	0.3036	12.47	17.92246
3501203-oh	FLORIDA, CITY OF	purchaser	3500811-oh	swat	1997	500	116455	0.3049	12.47	17.92246
3501403-oh	MALINTA, VILLAGE OF	purchaser	3500811-oh	swat	1997	294	116749	0.3057	12.47	17.92246
1090068-tx	AQUILLA WATER SUPPLY DISTRICT	self		swat	1997	25	116774	0.3058	10.50	15.129
1090001-tx	HILLSBORO CITY OF	purchaser	1090068-tx	swat	1997	7380	124154	0.3251	10.50	15.129
1090018-tx	BRANDON-IRENE WATER SUPPLY COR	purchaser	1090068-tx	swat	1997	1644	125798	0.3294	10.50	15.129
1090020-tx	CHATT WATER SUPPLY CORPORATION	purchaser	1090068-tx	swat	1997	600	126398	0.3310	10.50	15.129
1090035-tx	FILES VALLEY WATER SUPPLY CORP	purchaser	1090068-tx	swat	1997	2070	128468	0.3364	10.50	15.129
1090041-tx	HILL COUNTY WATER SUPPLY CORP	purchaser	1090068-tx	swat	1997	2406	130874	0.3427	10.50	15.129
0700006-tx	MILFORD CITY OF	purchaser	1090068-tx	swat	1997	711	131585	0.3445	10.50	15.129
1090048-tx	BYNUM CITY OF - BLACKLAND SYST	purchaser	1090068-tx	swat	1997	232	131817	0.3451	10.50	15.129
5501211-oh	PIQUA, CITY OF	self		swat	1997	20500	152317	0.3988	9.92	14.30656
1301411-oh	WILLIAMSBURG, VILLAGE O	self		swat	1997	2466	154783	0.4053	9.82	14.16476
3901111-oh	NORWALK, CITY OF	self		swat	1997	14800	169583	0.4440	9.60	13.8528
0801011-oh	MOUNT ORAB, VILLAGE OF	self		swat	1997	3450	173033	0.4531	8.91	12.87438
1300431-oh	clermont co water bmwt	self		swat	1997	63191	236224	0.6185	8.73	12.61914
2010112-mo	bucklin	self		swat	1997	613	236837	0.6201	8.60	12.4348
3500711-oh	MCCLURE, VILLAGE OF	self		swat	1997	850	237687	0.6224	8.60	12.4348
8800511-oh	UPPER SANDUSKY, CITY OF	self		swat	1997	6600	244287	0.6396	8.22	11.89596
5269006-in	versailles water works	self		swat	1997	2000	246287	0.6449	7.90	11.4422
5269008-in	holton community water corp	purchaser	5269006-in	swat	1997	2200	248487	0.6506	7.90	11.4422
1170950-il	SHIPMAN	self		swat	1997	675	249162	0.6524	7.80	11.3004
1400111-oh	BLANCHESTER, VILLAGE OF	self		swat	1997	4450	253612	0.6641	7.53	10.91754
0001880-mi	dundee	self		swat	1997	2664	256276	0.6710	7.30	10.5914
0250200-il	LOUISVILLE	self		swat	1997	1194	257470	0.6742	7.20	10.4496
1401211-oh	WILMINGTON, CITY OF	self		swat	1997	11199	268669	0.7035	7.18	10.42124
1010184-mo	concordia	self		swat	1997	2600	271269	0.7103	7.11	10.32198
1010254-mo	EMMA	purchaser	1010184-mo	swat	1997	280	271549	0.7110	7.11	10.32198
5209006-in	logansport municipal utility	self		swat	1997	12621	284170	0.7441	7.10	10.3078
5247001-in	bedford water works	self		swat	1997	14310	298480	0.7815	6.90	10.0242
5247002-in	east lawrence water corp	purchaser	5247001-in	swat	1997	4150	302630	0.7924	6.90	10.0242
5247005-in	oolitic water works	purchaser	5247001-in	swat	1997	1295	303925	0.7958	6.90	10.0242
5216003-in	santee utilities	self		swat	1997	1244	305169	0.7991	6.90	10.0242
5501711-oh	WEST MILTON, VILLAGE OF	self		swat	1997	4628	309797	0.8112	6.82	9.91076
5219009-in	jasper municipal water utility	self		swat	1997	11340	321137	0.8409	6.70	9.7406

PLEX Annual Maximum for 1997 with 2132 CWS
Surface Water Source Only



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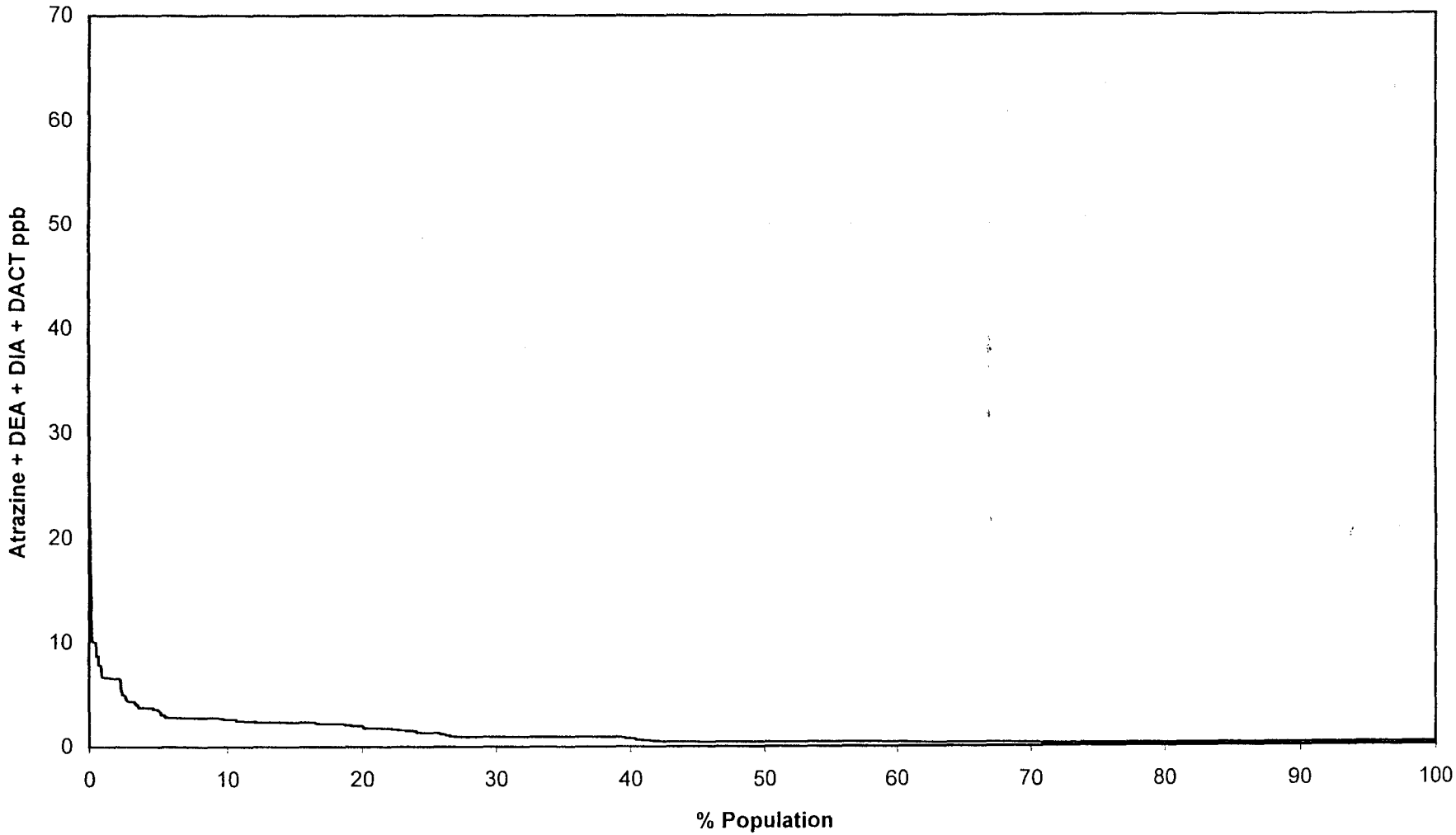
CUMULATIVE CWS DISTRIBUTION (0-100 PERCENT RANGE) BASED ON ATRAZINE INDIVIDUAL MAXIMUM CONCENTRATIONS IN 1996 FOR 2,547 CWS IN THE 21 MAJOR ATRAZINE US

PWSID	CWS NAME	DATA SOURCE	PURCHASE FROM	WATER SOURCE	YEAR	PULATI SERVED	MULATI PULATIO	POPULATION %	POPULATION MAXIMUM	SUM ATZ+CHL
1170400-il	GILLESPIE	self		swat	1996	3900	3900	0.0094	42.00	59.796
1170030-il	KAHO PUBLIC WATER DISTRICT	purchaser	1170400-il	swat	1996	847	4747	0.0114	42.00	59.796
1170050-il	BENLD	purchaser	1170400-il	swat	1996	1634	6381	0.0154	42.00	59.796
1170250-il	DORCHESTER	purchaser	1170400-il	swat	1996	531	6912	0.0167	42.00	59.796
1170300-il	EAGERVILLE	purchaser	1170400-il	swat	1996	127	7039	0.0170	42.00	59.796
1170650-il	MOUNT CLARE	purchaser	1170400-il	swat	1996	297	7336	0.0177	42.00	59.796
1171200-il	WILSONVILLE	purchaser	1170400-il	swat	1996	609	7945	0.0191	42.00	59.796
1175450-il	SPRING CREEK WTR ASSN	purchaser	1170400-il	swat	1996	60	8005	0.0193	42.00	59.796
0801511-oh	SARDINIA, VILLAGE OF	self		swat	1996	940	8945	0.0215	38.73	55.15914
1170950-il	SHIPMAN	self		swat	1996	675	9620	0.0232	19.00	27.182
0250200-il	LOUISVILLE	self		swat	1996	1194	10814	0.0261	17.00	24.346
2000506-ks	city of atchison	self		swat	1996	10638	21452	0.0517	16.00	22.928
2000505-ks	atchison co rwd #2	purchaser	2000506-ks	swat	1996	76	21528	0.0519	16.00	22.928
2000504-ks	atchison co rwd #3	purchaser	2000506-ks	swat	1996	110	21638	0.0521	16.00	22.928
2000509-ks	atchison co rwd #5	purchaser	2000506-ks	swat	1996	1800	23438	0.0565	16.00	22.928
2000510-ks	atchison co rwd #6	purchaser	2000506-ks	swat	1996	549	23987	0.0578	16.00	22.928
2000507-ks	city of lancaster	purchaser	2000506-ks	swat	1996	299	24286	0.0585	16.00	22.928
2000503-ks	atchison co rwd #1	purchaser	2000506-ks	swat	1996	490	24776	0.0597	16.00	22.928
1057003-la	THIBODAUX WATERWORKS	self		swat	1996	15810	40586	0.0978	12.90	18.5322
2012105-ks	city of osawatomie	self		swat	1996	4514	45100	0.1087	12.00	17.256
2012102-ks	miami co rwd #1	purchaser	2012105-ks	swat	1996	1536	46636	0.1124	12.00	17.256
2012104-ks	miami co rwd #3	purchaser	2012105-ks	swat	1996	1855	48491	0.1168	12.00	17.256
1170500-il	HETTICK	self		swat	1996	220	48711	0.1173	11.00	15.838
2013907-ks	city of osage city	self		swat	1996	2689	51400	0.1238	11.00	15.838
2013906-ks	osage co rwd #7	purchaser	2013907-ks	swat	1996	1430	52830	0.1273	11.00	15.838
2011114-ks	city of reading	purchaser	2013907-ks	swat	1996	264	53094	0.1279	11.00	15.838
2013902-ks	osage co rwd #6	purchaser	2013907-ks	swat	1996	370	53464	0.1288	11.00	15.838
0590250-il	OMAHA	self		swat	1996	286	53750	0.1295	11.00	15.838
2010238-mo	edina	self		swat	1996	1283	55033	0.1326	10.40	14.9872
3500811-oh	NAPOLEON, CITY OF	self		swat	1996	8884	63917	0.1540	10.16	14.64688
3500603-oh	LIBERTY CENTER, VLG. OF	purchaser	3500811-oh	swat	1996	1350	65267	0.1572	10.16	14.64688
3501203-oh	FLORIDA, CITY OF	purchaser	3500811-oh	swat	1996	500	65767	0.1584	10.16	14.64688
3501403-oh	MALINTA, VILLAGE OF	purchaser	3500811-oh	swat	1996	294	66061	0.1591	10.16	14.64688
1301411-oh	WILLIAMSBURG, VILLAGE O	self		swat	1996	2466	68527	0.1651	10.10	14.5618
0274580-il	KEYESPORT	self		swat	1996	500	69027	0.1663	10.00	14.42
8800511-oh	UPPER SANDUSKY, CITY OF	self		swat	1996	6600	75627	0.1822	9.97	14.37746
0240090-ky	CROFTON WATER DEPARTMENT	self		swat	1996	1881	77508	0.1867	8.00	11.584
0050300-il	SORENTO	self		swat	1996	750	78258	0.1885	8.00	11.584
0710247-ky	LEWISBURG WATER WORKS	self		swat	1996	3257	81515	0.1964	7.60	11.0168
0610150-il	GREENFIELD	self		swat	1996	1200	82715	0.1993	7.50	10.875
1010118-mo	butler	self		swat	1996	4000	86715	0.2089	7.34	10.64812
1024030-mo	BATES CO PWSD #1	purchaser	1010118-mo	swat	1996	300	87015	0.2096	7.34	10.64812
1024032-mo	BATES CO PWSD #3	purchaser	1010118-mo	swat	1996	389	87404	0.2106	7.34	10.64812
1024033-mo	BATES CO PWSD #4	purchaser	1010118-mo	swat	1996	1250	88654	0.2136	7.34	10.64812
1024035-mo	BATES CO PWSD #6	purchaser	1010118-mo	swat	1996	1500	90154	0.2172	7.34	10.64812

PLEX Annual Maximum for 1996 with 2547 CWS
Surface Water Source Only



CUMULATIVE CWS DISTRIBUTION (0-100 PERCENT RANGE) BASED ON ATRAZINE IVIDUAL MAXIMUM CONCENTRATIONS IN 1995 FOR 1,699 CWS IN THE 21 MAJOR ATRAZINE USE STA

PWSID	CWS NAME	DATA SOURCE	PURCHASE FROM	WATER SOURCE	YEAR	POPULATIO SERVED	UMULATIV OPULATIO	OPULATIO %	NDIVIDUA MAXIMUM	SUM ATZ+CHL
3500811-oh	NAPOLEON, CITY OF	self		swat	1995	8884	8884	0.0282567	10.26	14.78868
3500603-oh	LIBERTY CENTER, VLG. OF	purchaser	3500811-oh	swat	1995	1350	10234	0.0325505	10.26	14.78868
3501203-oh	FLORIDA, CITY OF	purchaser	3500811-oh	swat	1995	500	10734	0.0341409	10.26	14.78868
3501403-oh	MALINTA, VILLAGE OF	purchaser	3500811-oh	swat	1995	294	11028	0.035076	10.26	14.78868
1170150-il	CARLINVILLE	self		swat	1995	6688	17716	0.056348	9.1	13.1438
1175100-il	LAKE WILLIAMSON CHRISTIAN CN	purchaser	1170150-il	swat	1995	880	18596	0.059147	9.1	13.1438
1890100-il	ASHLEY	self		swat	1995	650	19246	0.0612144	8.5	12.293
1635289-il	SAVE SITE	self		swat	1995	400	19646	0.0624866	8.5	12.293
5269006-in	versailles water works	self		swat	1995	2000	21646	0.0688479	8.5	12.293
5269008-in	holton community water corp	purchaser	5269006-in	swat	1995	2200	23846	0.0758453	8.5	12.293
2000111-oh	DEFIANCE, CITY OF	self		swat	1995	17000	40846	0.1299159	8.44	12.20792
2000903-oh	AYERSVILLE WATER & SEWE	purchaser	2000111-oh	swat	1995	1600	42446	0.1350049	8.44	12.20792
2001003-oh	CHRISTI MEADOWS SUBDIVI	purchaser	2000111-oh	swat	1995	300	42746	0.1359591	8.44	12.20792
2001103-oh	BRUNERSBURG WATER & SEW	purchaser	2000111-oh	swat	1995	446	43192	0.1373777	8.44	12.20792
1170500-il	HETTICK	self		swat	1995	220	43412	0.1380774	8.2	11.8676
5219006-in	holland water works	self		swat	1995	1462	44874	0.1427275	8.2	11.8676
2009914-ks	city of parsons	self		swat	1995	11924	56798	0.1806533	7.8	11.3004
2013317-ks	neosho co rwd #4	purchaser	2009914-ks	swat	1995	932	57730	0.1836176	7.8	11.3004
2013315-ks	neosho co rwd #3	purchaser	2009914-ks	swat	1995	95	57825	0.1839198	7.8	11.3004
5202020-in	three rivers filtration plant	self		swat	1995	173072	230897	0.7343974	7.6	11.0168
5202009-in	new haven water dept	purchaser	5202020-in	swat	1995	10500	241397	0.767794	7.6	11.0168
5202018-in	sunnymede commercial water ass	purchaser	5202020-in	swat	1995	520	241917	0.7694479	7.6	11.0168
1971100-il	WILMINGTON	self		swat	1995	4850	246767	0.784874	7.1	10.3078
4502314-oh	NEWARK, CITY OF	self		swat	1995	46000	292767	0.9311829	6.99	10.15182
1010204-mo	dearborn	self		swat	1995	600	293367	0.9330912	6.92	10.05256
8700311-oh	BOWLING GREEN, CITY OF	self		swat	1995	30000	323367	1.0285101	6.22	9.05996
8700711-oh	GRAND RAPIDS, VILLAGE O	purchaser	8700311-oh	swat	1995	1380	324747	1.0328993	6.22	9.05996
8702503-oh	TONTOGANY, VILLAGE OF	purchaser	8700311-oh	swat	1995	365	325112	1.0340603	6.22	9.05996
8703211-oh	WESTON, VILLAGE OF	purchaser	8700311-oh	swat	1995	2100	327212	1.0407396	6.22	9.05996
8704003-oh	WOOD CO-BOWLING GRN RD	purchaser	8700311-oh	swat	1995	200	327412	1.0413757	6.22	9.05996
8704103-oh	WOOD CO-PORTAGE/RUDOLPH	purchaser	8700311-oh	swat	1995	1750	329162	1.0469418	6.22	9.05996
0470200-il	WEST SALEM	self		swat	1995	1058	330220	1.0503069	6	8.748
1010225-mo	drexel	self		swat	1995	936	331156	1.053284	5.99	8.73382
0210500-il	PANA	self		swat	1995	6240	337396	1.0731311	5.9	8.6062
1570250-il	EVANSVILLE	self		swat	1995	850	338246	1.0758346	5.8	8.4644
8000314-oh	MARYSVILLE, CITY OF	self		swat	1995	11500	349746	1.1124118	5.79	8.45022
8000603-oh	NEW CALIF. WATER SUBDIST	purchaser	8000314-oh	swat	1995	340	350086	1.1134933	5.79	8.45022
1635090-il	S L M WTR CMSN	self		swat	1995	300	350386	1.1144474	5.6	8.1808
0270500-il	TRENTON	purchaser	1635090-il	swat	1995	2600	352986	1.1227171	5.6	8.1808
0274700-il	NEW BADEN	purchaser	1635090-il	swat	1995	3000	355986	1.132259	5.6	8.1808
0275350-il	NEW MEMPHIS PWD	purchaser	1635090-il	swat	1995	291	356277	1.1331845	5.6	8.1808
1330150-il	HECKER	purchaser	1635090-il	swat	1995	535	356812	1.1348862	5.6	8.1808
1630600-il	FREEBURG	purchaser	1635090-il	swat	1995	3746	360558	1.1468008	5.6	8.1808
1630650-il	LEBANON	purchaser	1635090-il	swat	1995	3766	364324	1.158779	5.6	8.1808
1630800-il	MASCOUTAH	purchaser	1635090-il	swat	1995	6000	370324	1.1778628	5.6	8.1808

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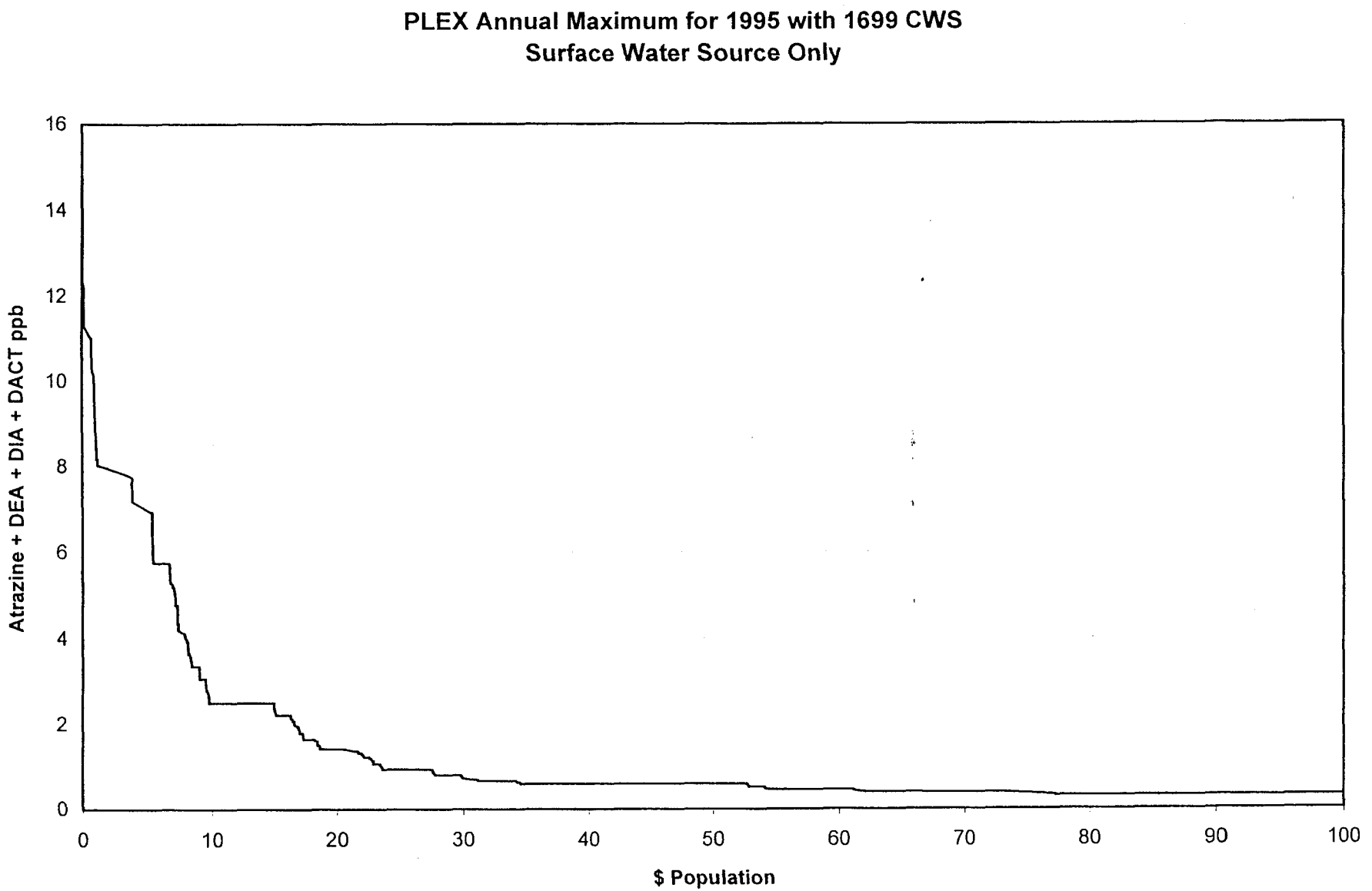
PLEX Annual Maximum for 1995 with 1699 CWS
Surface Water Source Only
Atrazine + DEA + DIA + DACT ppb
0
2
4
6
8
10
12
14
16
0
10
20
30
40
50
60
70
80
90
100
$ Population

A-90

CUMULATIVE CWS DISTRIBUTION (0-100 PERCENT RANGE) BASED ON ATRAZINE INDIVIDUAL MAXIMUM CONCENTRATIONS IN 1994 FOR 1,700 CWS IN THE 21 MAJOR ATRAZINE USE STATES

PWSID	CWS NAME	DATA SOURCE	PURCHASE FROM	WATER SOURCE	YEAR	OPULATIO SERVED	UMULATIV OPULATIO	POPULATION %	AXIMU	SUM ATZ+CHL
1350300-il	HILLSBORO	self		swat	1994	4400	4400	0.018306689	30	42.78
1350150-il	COFFEEN	purchaser	1350300-il	swat	1994	736	5136	0.021368899	30	42.78
1350600-il	SCHRAM CITY	purchaser	1350300-il	swat	1994	700	5836	0.024281327	30	42.78
1350650-il	TAYLOR SPRINGS	purchaser	1350300-il	swat	1994	650	6486	0.026985725	30	42.78
1010225-mo	drexel	self		swat	1994	936	7422	0.030880057	27	38.526
1010204-mo	dearborn	self		swat	1994	600	8022	0.033376423	19	27.182
1010363-mo	higginsville	self		swat	1994	4700	12722	0.052931296	17	24.346
1010009-mo	ALMA	purchaser	1010363-mo	swat	1994	446	13168	0.054786929	17	24.346
1010187-mo	CORDER	purchaser	1010363-mo	swat	1994	483	13651	0.056796504	17	24.346
1010511-mo	MAYVIEW	purchaser	1010363-mo	swat	1994	279	13930	0.057957315	17	24.346
2010552-mo	MOUNT LEONARD	purchaser	1010363-mo	swat	1994	100	14030	0.058373376	17	24.346
1010001-mo	adrian	self		swat	1994	1625	15655	0.065134369	16	22.928
1024034-mo	BATES CO PWSD #5	purchaser	1010001-mo	swat	1994	1700	17355	0.072207408	16	22.928
1671200-il	SPRINGFIELD	self		swat	1994	146000	163355	0.67965665	14	20.092
1670300-il	CHATHAM	purchaser	1671200-il	swat	1994	8500	171855	0.715021845	14	20.092
1670500-il	GRANDVIEW	purchaser	1671200-il	swat	1994	1647	173502	0.721874372	14	20.092
1670600-il	JEROME	purchaser	1671200-il	swat	1994	1460	174962	0.727948864	14	20.092
1671000-il	ROCHESTER	purchaser	1671200-il	swat	1994	3200	178162	0.74126282	14	20.092
1671300-il	WILLIAMSVILLE	purchaser	1671200-il	swat	1994	3240	181402	0.754743201	14	20.092
1675300-il	SUGAR CRK PWD	purchaser	1671200-il	swat	1994	850	182252	0.75827972	14	20.092
0450300-il	PARIS	self		swat	1994	8990	191242	0.795683615	13	18.674
0274580-il	KEYESPORT	self		swat	1994	500	191742	0.797763921	13	18.674
0250050-il	CLAY CITY	self		swat	1994	1033	192775	0.802061833	13	18.674
0250250-il	SAILOR SPRINGS	purchaser	0250050-il	swat	1994	136	192911	0.802627676	13	18.674
0250200-il	LOUISVILLE	self		swat	1994	1194	194105	0.807595445	13	18.674
1010118-mo	butler	self		swat	1994	4000	198105	0.82423789	13	18.674
1024030-mo	BATES CO PWSD #1	purchaser	1010118-mo	swat	1994	300	198405	0.825486074	13	18.674
1024032-mo	BATES CO PWSD #3	purchaser	1010118-mo	swat	1994	389	198794	0.827104552	13	18.674
1024033-mo	BATES CO PWSD #4	purchaser	1010118-mo	swat	1994	1250	200044	0.832305316	13	18.674
1024035-mo	BATES CO PWSD #6	purchaser	1010118-mo	swat	1994	1500	201544	0.838546233	13	18.674
1175150-il	PALMYRA-MODESTO WTR CMSN	self		swat	1994	70	201614	0.838837475	12	17.256
1170010-il	SCOTTVILLE RURAL WTR CMPNY I	purchaser	1175150-il	swat	1994	510	202124	0.840959387	12	17.256
1170600-il	MODESTO	purchaser	1175150-il	swat	1994	240	202364	0.841957934	12	17.256
1170800-il	PALMYRA	purchaser	1175150-il	swat	1994	850	203214	0.845494453	12	17.256
1170950-il	SHIPMAN	self		swat	1994	675	203889	0.848302866	12	17.256
0570950-il	VERMONT	self		swat	1994	806	204695	0.851656319	12	17.256
0670250-il	CARTHAGE	self		swat	1994	2760	207455	0.863139606	11	15.838
2000308-ks	anderson co rwd #2	self		swat	1994	245	207700	0.864158955	11	15.838
1010406-mo	jamesport	self		swat	1994	600	208300	0.866655322	10	14.42
1010184-mo	concordia	self		swat	1994	2600	210900	0.877472911	10	14.42
1010254-mo	EMMA	purchaser	1010184-mo	swat	1994	280	211180	0.878637882	10	14.42
0250100-il	FLORA	self		swat	1994	5675	216855	0.902249351	10	14.42
0250300-il	XENIA	purchaser	0250100-il	swat	1994	575	217430	0.904641703	10	14.42
1170500-il	HETTICK	self		swat	1994	220	217650	0.905557037	9.7	13.9946

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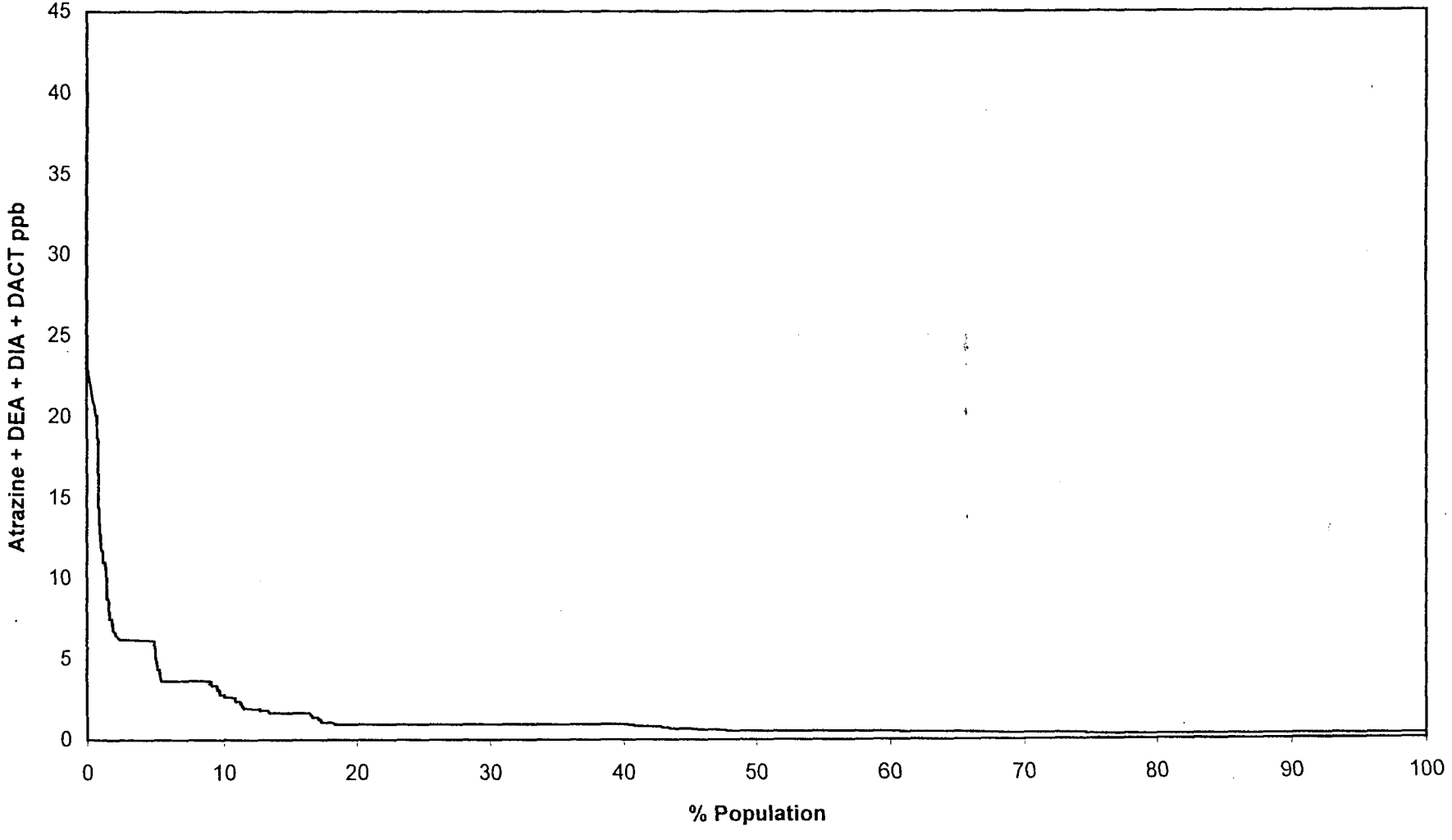
PLEX Annual Maximum for 1994 with 1700 CWS
Surface Water Source Only



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CUMULATIVE CWS DISTRIBUTION (0-100 PERCENT RANGE)
BASED ON ATRAZINE INDIVIDUAL MAXIMUM CONCENTRATIONS IN 1993
FOR 1,212 CWS IN THE 21 MAJOR ATRAZINE USE STATES

PWSID	CWS NAME	DATA SOURCE	PURCHASE FROM	WATER SOURCE	YEAR	POPULATION SERVED	CUMULATIV POPULATION	POPULATION %	INDIVIDUAL MAXIMUM	SUM ATZ+CHL
5202020-in	three rivers filtration plant	self		swat	1993	173072	173072	0.724766801	14.0	20.092
5202009-in	new haven water dept	purchaser	5202020-in	swat	1993	10500	183572	0.768737237	14.0	20.092
5202018-in	sunnymede commercial water ass	purchaser	5202020-in	swat	1993	520	184092	0.770914821	14.0	20.092
1175200-il	ADGPTV WTR CMSN	self		swat	1993	1257	185349	0.77617871	12.0	17.256
1170450-il	GIRARD	purchaser	1175200-il	swat	1993	2400	187749	0.786229096	12.0	17.256
1170750-il	NILWOOD	purchaser	1175200-il	swat	1993	1063	188812	0.790680579	12.0	17.256
1171100-il	VIRDEN	purchaser	1175200-il	swat	1993	3650	192462	0.80596554	12.0	17.256
1670050-il	AUBURN	purchaser	1175200-il	swat	1993	3724	196186	0.821560389	12.0	17.256
1670450-il	DIVERNON	purchaser	1175200-il	swat	1993	1200	197386	0.826585581	12.0	17.256
1670850-il	PAWNEE	purchaser	1175200-il	swat	1993	2384	199770	0.836568964	12.0	17.256
1671250-il	THAYER	purchaser	1175200-il	swat	1993	830	200600	0.840044723	12.0	17.256
1890100-il	ASHLEY	self		swat	1993	650	201250	0.842766702	8.3	12.0094
0670500-il	NAUVOO	self		swat	1993	1230	202480	0.847917525	8.0	11.584
1210400-il	PATOKA	self		swat	1993	731	203211	0.850978704	7.9	11.4422
1210020-il	FMC WTR CMPNY	purchaser	1210400-il	swat	1993	1138	204349	0.855744262	7.9	11.4422
1210550-il	VERNON	purchaser	1210400-il	swat	1993	207	204556	0.856611108	7.9	11.4422
1910450-il	WAYNE CITY	self		swat	1993	1424	205980	0.862574337	7.8	11.3004
1910010-il	WESTERN WAYNE WTR DSTRCT	purchaser	1910450-il	swat	1993	634	206614	0.865229314	7.8	11.3004
1910400-il	SIMS	purchaser	1910450-il	swat	1993	421	207035	0.866992319	7.8	11.3004
0250200-il	LOUISVILLE	self		swat	1993	1194	208229	0.871992385	7.4	10.7332
1210300-il	KINMUNDY	self		swat	1993	940	209169	0.875928786	7.3	10.5914
1210050-il	ALMA	purchaser	1210300-il	swat	1993	420	209589	0.877687604	7.3	10.5914
0250050-il	CLAY CITY	self		swat	1993	1033	210622	0.882013457	6.6	9.5988
0250250-il	SAILOR SPRINGS	purchaser	0250050-il	swat	1993	136	210758	0.882582979	6.6	9.5988
6010911-mo	st louis co water-central	self		swat	1993	600000	810758	3.395179358	6.4	9.37192
1175150-il	PALMYRA-MODESTO WTR CMSN	self		swat	1993	70	810828	3.395472494	5.8	8.4644
1170010-il	SCOTTVILLE RURAL WTR CMPNY I	purchaser	1175150-il	swat	1993	510	811338	3.397608201	5.8	8.4644
1170600-il	MODESTO	purchaser	1175150-il	swat	1993	240	811578	3.398613239	5.8	8.4644
1170800-il	PALMYRA	purchaser	1175150-il	swat	1993	850	812428	3.402172751	5.8	8.4644
1170500-il	HETTICK	self		swat	1993	220	812648	3.403094036	5.7	8.3226
1635090-il	S L M WTR CMSN	self		swat	1993	300	812948	3.404350334	5.5	8.039
0270500-il	TRENTON	purchaser	1635090-il	swat	1993	2600	815548	3.415238252	5.5	8.039
0274700-il	NEW BADEN	purchaser	1635090-il	swat	1993	3000	818548	3.427801234	5.5	8.039
0275350-il	NEW MEMPHIS PWD	purchaser	1635090-il	swat	1993	291	818839	3.429019843	5.5	8.039
1330150-il	HECKER	purchaser	1635090-il	swat	1993	535	819374	3.431260242	5.5	8.039
1630600-il	FREEBURG	purchaser	1635090-il	swat	1993	3746	823120	3.446947218	5.5	8.039
1630650-il	LEBANON	purchaser	1635090-il	swat	1993	3766	826886	3.462717948	5.5	8.039
1630800-il	MASCOUTAH	purchaser	1635090-il	swat	1993	6000	832886	3.487843912	5.5	8.039
1631300-il	SMITHTON	purchaser	1635090-il	swat	1993	1750	834636	3.495172318	5.5	8.039
1631350-il	SUMMERFIELD	purchaser	1635090-il	swat	1993	560	835196	3.497517408	5.5	8.039
1635300-il	FSH WTR CMSN	purchaser	1635090-il	swat	1993	500	835696	3.499611239	5.5	8.039
1190080-il	TRI TOWNSHIP WATER DISTRICT	purchaser	1635090-il	swat	1993	1944	837640	3.507752051	5.5	8.039
1170950-il	SHIPMAN	self		swat	1993	675	838315	3.510578722	4.7	6.9046

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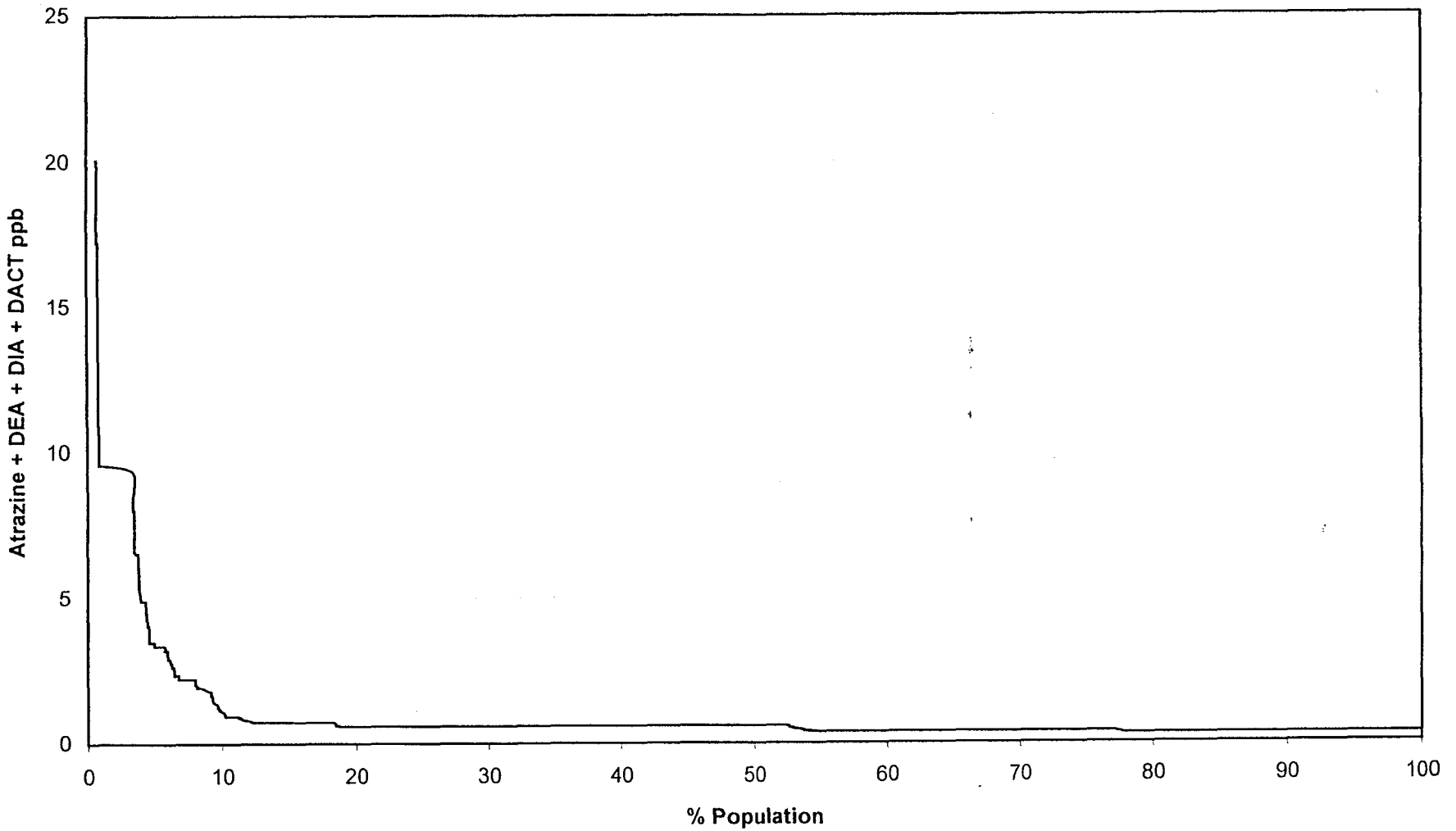
PLEX Annual Maximum for 1993 with 1212 CWS
Surface Water Source Only



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