

Appendix G. Documentation of Tapwater Distributions in Tapwater Input File Opwater.twc

Organophosphorus Pesticides (Methamidophos Equiv.)

North East		Public or private water system														
Spring	Rural	Minimum concentration (mg/l) 4.66e-008	1%ile 1.46e-007	5%ile 2.42e-007	25%ile 6.41e-007	50%ile 1.42e-005	75%ile 0.000248	90%ile 0.000822	95%ile 0.00135	97.5%ile 0.00197	99%ile 0.00301	99.5%ile 0.00354	99.75%ile 0.00416	99.9%ile 0.0045	99.95%ile 0.0047	Maximum concentration (mg/l) 0.00491
	Urban	Minimum concentration (mg/l) 4.66e-008	1%ile 1.46e-007	5%ile 2.42e-007	25%ile 6.41e-007	50%ile 1.42e-005	75%ile 0.000248	90%ile 0.000822	95%ile 0.00135	97.5%ile 0.00197	99%ile 0.00301	99.5%ile 0.00354	99.75%ile 0.00416	99.9%ile 0.0045	99.95%ile 0.0047	Maximum concentration (mg/l) 0.00491
Summer	Rural	Minimum concentration (mg/l) 1.24e-007	1%ile 7.88e-007	5%ile 3.07e-006	25%ile 1.81e-005	50%ile 4.26e-005	75%ile 0.000105	90%ile 0.000248	95%ile 0.000386	97.5%ile 0.000543	99%ile 0.00076	99.5%ile 0.000975	99.75%ile 0.00116	99.9%ile 0.00127	99.95%ile 0.0013	Maximum concentration (mg/l) 0.00139
	Urban	Minimum concentration (mg/l) 1.24e-007	1%ile 7.88e-007	5%ile 3.07e-006	25%ile 1.81e-005	50%ile 4.26e-005	75%ile 0.000105	90%ile 0.000248	95%ile 0.000386	97.5%ile 0.000543	99%ile 0.00076	99.5%ile 0.000975	99.75%ile 0.00116	99.9%ile 0.00127	99.95%ile 0.0013	Maximum concentration (mg/l) 0.00139
Fall	Rural	Minimum concentration (mg/l) 7.62e-008	1%ile 1.55e-007	5%ile 1.03e-006	25%ile 3.04e-006	50%ile 6.08e-006	75%ile 1.16e-005	90%ile 1.87e-005	95%ile 2.38e-005	97.5%ile 2.87e-005	99%ile 3.63e-005	99.5%ile 4.24e-005	99.75%ile 4.63e-005	99.9%ile 4.85e-005	99.95%ile 4.95e-005	Maximum concentration (mg/l) 5.03e-005
	Urban	Minimum concentration (mg/l) 7.62e-008	1%ile 1.55e-007	5%ile 1.03e-006	25%ile 3.04e-006	50%ile 6.08e-006	75%ile 1.16e-005	90%ile 1.87e-005	95%ile 2.38e-005	97.5%ile 2.87e-005	99%ile 3.63e-005	99.5%ile 4.24e-005	99.75%ile 4.63e-005	99.9%ile 4.85e-005	99.95%ile 4.95e-005	Maximum concentration (mg/l) 5.03e-005
Winter	Rural	Minimum concentration (mg/l) 1.96e-008	1%ile 2.8e-008	5%ile 9.38e-008	25%ile 1.04e-006	50%ile 2.1e-006	75%ile 4.48e-006	90%ile 7.34e-006	95%ile 9.9e-006	97.5%ile 1.17e-005	99%ile 1.31e-005	99.5%ile 1.37e-005	99.75%ile 1.51e-005	99.9%ile 1.67e-005	99.95%ile 1.7e-005	Maximum concentration (mg/l) 1.77e-005
	Urban	Minimum concentration (mg/l) 1.96e-008	1%ile 2.8e-008	5%ile 9.38e-008	25%ile 1.04e-006	50%ile 2.1e-006	75%ile 4.48e-006	90%ile 7.34e-006	95%ile 9.9e-006	97.5%ile 1.17e-005	99%ile 1.31e-005	99.5%ile 1.37e-005	99.75%ile 1.51e-005	99.9%ile 1.67e-005	99.95%ile 1.7e-005	Maximum concentration (mg/l) 1.77e-005
North East		Individual well														
Spring	Rural	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
	Urban	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
Summer	Rural	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
	Urban	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
Fall	Rural	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
	Urban	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
Winter	Rural	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
	Urban	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
North East		Other source														
Spring	Rural	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
	Urban	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
Summer	Rural	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													
	Urban	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0													

Fall	Rural	Minimum concentration (mg/l)	Maximum concentration (mg/l)													
		0	0													
Urban	Minimum concentration (mg/l)	Maximum concentration (mg/l)														
		0	0													
Winter	Rural	Minimum concentration (mg/l)	Maximum concentration (mg/l)													
		0	0													
Urban	Minimum concentration (mg/l)	Maximum concentration (mg/l)														
		0	0													
Mid West	Public or private water system															
Spring	Rural	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		4.64e-008	1.46e-007	2.42e-007	6.61e-007	2.43e-005	0.000287	0.000855	0.00138	0.00204	0.00314	0.00368	0.00429	0.00459	0.0048	0.0078
Urban	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)	
		4.64e-008	1.46e-007	2.42e-007	6.61e-007	2.43e-005	0.000287	0.000855	0.00138	0.00204	0.00314	0.00368	0.00429	0.00459	0.0048	0.0078
Summer	Rural	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		1.23e-007	7.79e-007	2.9e-006	1.63e-005	4.1e-005	0.000105	0.000253	0.000397	0.000564	0.000818	0.00106	0.00123	0.00137	0.0022	0.00622
Urban	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)	
		1.23e-007	7.79e-007	2.9e-006	1.63e-005	4.1e-005	0.000105	0.000253	0.000397	0.000564	0.000818	0.00106	0.00123	0.00137	0.0022	0.00622
Fall	Rural	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		7.6e-008	1.6e-007	1.02e-006	2.89e-006	5.55e-006	1.03e-005	1.75e-005	2.29e-005	2.86e-005	3.76e-005	4.38e-005	4.73e-005	4.97e-005	5.76e-005	0.000109
Urban	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)	
		7.6e-008	1.6e-007	1.02e-006	2.89e-006	5.55e-006	1.03e-005	1.75e-005	2.29e-005	2.86e-005	3.76e-005	4.38e-005	4.73e-005	4.97e-005	5.76e-005	0.000109
Winter	Rural	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		1.96e-008	2.92e-008	1.02e-007	1.02e-006	1.93e-006	3.98e-006	6.48e-006	8.35e-006	1.08e-005	1.25e-005	1.31e-005	1.34e-005	1.52e-005	1.71e-005	0.00158
Urban	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)	
		1.96e-008	2.92e-008	1.02e-007	1.02e-006	1.93e-006	3.98e-006	6.48e-006	8.35e-006	1.08e-005	1.25e-005	1.31e-005	1.34e-005	1.52e-005	1.71e-005	0.00158
Mid West	Individual well															
Spring	Rural	Minimum concentration (mg/l)	Maximum concentration (mg/l)													
		0	0													
Urban	Minimum concentration (mg/l)	Maximum concentration (mg/l)														
		0	0													
Summer	Rural	Minimum concentration (mg/l)	Maximum concentration (mg/l)													
		0	0													
Urban	Minimum concentration (mg/l)	Maximum concentration (mg/l)														
		0	0													
Fall	Rural	Minimum concentration (mg/l)	Maximum concentration (mg/l)													
		0	0													
Urban	Minimum concentration (mg/l)	Maximum concentration (mg/l)														
		0	0													
Winter	Rural	Minimum concentration (mg/l)	Maximum concentration (mg/l)													
		0	0													
Urban	Minimum concentration (mg/l)	Maximum concentration (mg/l)														
		0	0													
Mid West	Other source															
Spring	Rural	Minimum concentration (mg/l)	Maximum concentration (mg/l)													
		0	0													
Urban	Minimum concentration (mg/l)	Maximum concentration (mg/l)														
		0	0													
Summer	Rural	Minimum concentration (mg/l)	Maximum concentration (mg/l)													

	Urban	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
Summer	Rural	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
	Urban	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
Fall	Rural	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
	Urban	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
Winter	Rural	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
	Urban	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
West	Public or private water system															
Spring	Rural	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		5.14e-008	8.23e-007	1.64e-005	3.19e-005	4.31e-005	5.91e-005	8.02e-005	0.000115	0.000268	0.00068	0.00112	0.00157	0.00189	0.00221	0.00421
	Urban	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		5.14e-008	8.23e-007	1.64e-005	3.19e-005	4.31e-005	5.91e-005	8.02e-005	0.000115	0.000268	0.00068	0.00112	0.00157	0.00189	0.00221	0.00421
Summer	Rural	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		2.58e-007	4.67e-006	1.82e-005	2.84e-005	4.5e-005	6.69e-005	8.96e-005	9.48e-005	0.000105	0.000131	0.000192	0.000251	0.000387	0.000487	0.0012
	Urban	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		2.58e-007	4.67e-006	1.82e-005	2.84e-005	4.5e-005	6.69e-005	8.96e-005	9.48e-005	0.000105	0.000131	0.000192	0.000251	0.000387	0.000487	0.0012
Fall	Rural	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		1.04e-007	1.6e-006	5.07e-006	8.06e-005	0.00011	0.000134	0.000161	0.000178	0.000217	0.000321	0.000387	0.000463	0.000587	0.000639	0.00075
	Urban	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		1.04e-007	1.6e-006	5.07e-006	8.06e-005	0.00011	0.000134	0.000161	0.000178	0.000217	0.000321	0.000387	0.000463	0.000587	0.000639	0.00075
Winter	Rural	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		2.29e-008	6.21e-007	2.16e-006	5.62e-005	8.61e-005	0.000117	0.000147	0.000173	0.000194	0.000219	0.000238	0.00025	0.000264	0.000271	0.000279
	Urban	Minimum concentration (mg/l)	1%ile	5%ile	25%ile	50%ile	75%ile	90%ile	95%ile	97.5%ile	99%ile	99.5%ile	99.75%ile	99.9%ile	99.95%ile	Maximum concentration (mg/l)
		2.29e-008	6.21e-007	2.16e-006	5.62e-005	8.61e-005	0.000117	0.000147	0.000173	0.000194	0.000219	0.000238	0.00025	0.000264	0.000271	0.000279
West	Individual well															
Spring	Rural	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
	Urban	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
Summer	Rural	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
	Urban	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
Fall	Rural	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
	Urban	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
Winter	Rural	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	
	Urban	Minimum concentration (mg/l)													Maximum concentration (mg/l)	0
		0													0	

West	Other source		
Spring	Rural	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0
	Urban	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0
Summer	Rural	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0
	Urban	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0
Fall	Rural	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0
	Urban	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0
Winter	Rural	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0
	Urban	Minimum concentration (mg/l) 0	Maximum concentration (mg/l) 0