

EPA Health Advisories for Microcystin and Cylindrospermopsin				
	Microcystin	Cylindrospermopsin	Anatoxin-a (ppb)	Saxitoxin (ppb)
Adults (ppb)	1.6	3	3	1.6
Vulnerable Populations (ppb)	0.3	0.7	0.7	0.3

Sample Location: Middle Intake (North Santiam River Water Before Treatment Plant)					
Sample Date	Time	Total Microcystin (ppb)	Cylindrospermopsin (ppb)	Anatoxin-a (ppb)	Saxitoxin (ppb)
5/21/2018	13:10	0.2146	Below Detection Level	Below Detection Level	Below Detection Level
5/23/2018	12:50	0.003	0.023	Below Detection Level	Below Detection Level
5/24/2018	11:15	2.06	Below Detection Level	Below Detection Level	Below Detection Level
5/25/2018	13:05	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
5/27/2018	12:20	0.03	Below Detection Level	Below Detection Level	Below Detection Level
5/28/2018	8:45	0.608	Below Detection Level	Below Detection Level	Below Detection Level
5/29/2018	12:00	0.007	0.038	Below Detection Level	Below Detection Level
5/30/2018	11:25	0.009	Below Detection Level	Below Detection Level	Below Detection Level
5/31/2018	12:10	Below Detection Level	0.0463	Below Detection Level	Below Detection Level
6/1/2018	13:15	0.0074	0.0353	Below Detection Level	Below Detection Level
6/2/2018	12:20	0.0021	Below Detection Level	0.0072	Below Detection Level
6/3/2018	12:55	0.2431	0.0359	0.0035	Below Detection Level
6/4/2018	10:35	0.0037	0.055	0.0040	Below Detection Level

Sample Location: Aldersgate (Point of Entry to the Distribution System)					
Sample Date	Time	Total Microcystin (ppb)	Cylindrospermopsin (ppb)	Anatoxin-a (ppb)	Saxitoxin (ppb)
5/21/2018	13:50	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
5/23/2018	14:00	0.033	6.964	Below Detection Level	Below Detection Level
5/24/2018	13:00	0.755	Below Detection Level	Below Detection Level	Below Detection Level
5/25/2018	10:45	0.015	Below Detection Level	Below Detection Level	Below Detection Level
5/27/2018	12:50	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
5/28/2018	11:10	0.196	Below Detection Level	Below Detection Level	Below Detection Level
5/29/2018	12:40	0.019	Below Detection Level	Below Detection Level	Below Detection Level
5/30/2018	12:05	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
5/31/2018	13:30	0.0037	0.0203	Below Detection Level	Below Detection Level
Data on 5/31/2018 is		81 times below the Vulnerable Population HA	34 times below the Vulnerable Population HA		
6/1/2018	13:45	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
6/2/2018	8:05	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
6/3/2018	13:45	0.1807	Below Detection Level	0.0024	Below Detection Level
Data on 6/3/2018 is		1.7 times below the Vulnerable Population HA		291.7 times below the Vulnerable Population HA	
6/4/2018	10:10	0.0642	Below Detection Level	0.0043	Below Detection Level
Data on 6/4/2018 is		4.7 times below the Vulnerable Population HA		162.8 times below the Vulnerable Population HA	

Sample Location: Countryside (Northeast)					
Sample Date	Time	Total Microcystin (ppb)	Cylindrospermopsin (ppb)	Anatoxin-a (ppb)	Saxitoxin (ppb)
5/27/2018	14:10	2.375	Below Detection Level	Below Detection Level	Below Detection Level
5/28/2018	12:50	0.118	Below Detection Level	Below Detection Level	Below Detection Level
5/29/2018	13:30	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
5/30/2018	14:15	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
5/31/2018	10:45	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
6/1/2018	9:55	0.0052	Below Detection Level	Below Detection Level	Below Detection Level
Data on 06/01/2018 is		57.7 times below the Vulnerable Population HA			
6/2/2018	8:25	0.0938	Below Detection Level	0.0059	Below Detection Level
Data on 06/02/2018 is		3.2 times below the Vulnerable Population HA		118.6 times below the Vulnerable Population HA	
6/3/2018	8:15	0.351	Below Detection Level	0.0050	Below Detection Level
Data on 06/03/2018 is		Above the Vulnerable Population HA		140 times below the Vulnerable Population HA	
6/4/2018	11:10	0.3201	Below Detection Level	0.0042	Below Detection Level
Data on 06/04/2018 is		Above the Vulnerable Population HA		166.7 times below the Vulnerable Population HA	

Sample Location: Doral (South)					
Sample Date	Time	Total Microcystin (ppb)	Cylindrospermopsin (ppb)	Anatoxin-a (ppb)	Saxitoxin (ppb)
5/27/2018	13:30	0.123	Below Detection Level	Below Detection Level	Below Detection Level
5/28/2018	9:40	0.024	0.017	Below Detection Level	Below Detection Level
5/29/2018	14:35	0.746	Below Detection Level	Below Detection Level	Below Detection Level
5/30/2018	13:20	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
5/31/2018	9:50	0.0117	Below Detection Level	Below Detection Level	Below Detection Level
Data on 5/31/2018 is		25.6 times below the Vulnerable Population HA			
6/1/2018	12:00	0.0067	Below Detection Level	Below Detection Level	Below Detection Level
Data on 06/01/2018 is		44.8 times below the Vulnerable Population HA			
6/2/2018	9:40	0.0266	Below Detection Level	0.0056	Below Detection Level
Data on 06/02/2018 is		11.3 times below the Vulnerable Population HA		125 times below the Vulnerable Population HA	
6/3/2018	9:20	0.1954	Below Detection Level	0.0027	Below Detection Level
Data on 06/03/2018 is		1.5 times below the Vulnerable Population HA		259.3 times below the Vulnerable Population HA	
6/4/2018	13:15	0.2154	0.0422	0.0028	Below Detection Level
Data on 06/04/2018 is		1.4 times below the Vulnerable Population HA	16.6 times below the Vulnerable Population HA	250 times below the Vulnerable Population HA	

Sample Location: Lake Vanessa (West)					
Sample Date	Time	Total Microcystin (ppb)	Cylindrospermopsin (ppb)	Anatoxin-a (ppb)	Saxitoxin (ppb)
5/25/2018	12:40	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
5/27/2018	14:35	0.303	Below Detection Level	Below Detection Level	Below Detection Level
5/28/2018	12:20	0.007	Below Detection Level	Below Detection Level	Below Detection Level
5/29/2018	14:10	0.383	0.032	Below Detection Level	Below Detection Level
5/30/2018	14:45	0.004	Below Detection Level	Below Detection Level	Below Detection Level
5/31/2018	11:15	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
6/1/2018	13:10	0.0049	Below Detection Level	Below Detection Level	Below Detection Level
Data on 06/01/2018 is		61.2 times below the Vulnerable Population HA			
6/2/2018	9:00	Below Detection Level	Below Detection Level	0.0062	Below Detection Level
Data on 06/02/2018 is				112.9 times below the Vulnerable Population HA	
6/3/2018	8:45	0.2223	Below Detection Level	0.0032	Below Detection Level
Data on 06/03/2018 is		1.3 times below the Vulnerable Population HA		218.8 times below the Vulnerable Population HA	
6/4/2018	11:50	0.2418	Below Detection Level	0.0035	Below Detection Level
Data on 06/04/2018 is		1.2 times below the Vulnerable Population HA		200 times below the Vulnerable Population HA	

Sample Location: Nebraska (Central)					
Sample Date	Time	Total Microcystin (ppb)	Cylindrospermopsin (ppb)	Anatoxin-a (ppb)	Saxitoxin (ppb)
5/25/2018	12:20	0.014	1.902	Below Detection Level	Below Detection Level
5/27/2018	13:55	0.025	Below Detection Level	Below Detection Level	Below Detection Level
5/28/2018	11:40	0.031	Below Detection Level	Below Detection Level	Below Detection Level
5/29/2018	13:50	0.005	Below Detection Level	Below Detection Level	Below Detection Level
5/30/2018	13:55	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
5/31/2018	10:20	Below Detection Level	Below Detection Level	Below Detection Level	Below Detection Level
6/1/2018	12:40	0.062	Below Detection Level	Below Detection Level	Below Detection Level
Data on 06/01/2018 is		4.8 times below the Vulnerable Population HA			
6/2/2018	7:55	0.0065	Below Detection Level	Below Detection Level	Below Detection Level
Data on 06/02/2018 is		46.2 times below the Vulnerable Population HA			
6/3/2018	7:50	0.259	0.0191	0.0038	Below Detection Level
Data on 06/03/2018 is		1.2 times below the Vulnerable Population HA	36.6 times below the Vulnerable Population HA	184.2 times below the Vulnerable Population HA	
6/4/2018	10:45	0.2164	Below Detection Level	0.0031	Below Detection Level
Data on 06/04/2018 is		1.4 times below the Vulnerable Population HA		225.8 times below the Vulnerable Population HA	