

Table A1: Quabbin and Wachusett Reservoir - *Giardia* and *Cryptosporidium* Results

Location*	Sample Date	Volume Filtered (L)	<i>Crypto</i> Concentration (Oocysts/L)	<i>Giardia</i> Concentration (Cysts/L)	Comments or Morphological Characteristics
Brutsch Water Treatment Facility	02-JAN-2019	50.00	ND	ND	
	15-JAN-2019	50.04	ND	ND	
	29-JAN-2019	50.02	ND	ND	
	14-FEB-2019	50.14	ND	ND	
	26-FEB-2019	50.00	ND	0.02	Giardia cyst: 1 amorphous structure, 1 total
	12-MAR-2019	50.02	ND	ND	
	26-MAR-2019	50.08	ND	ND	
	09-APR-2019	50.00	ND	ND	
	23-APR-2019	50.00	ND	ND	
	07-MAY-2019	50.00	ND	ND	
	21-MAY-2019	50.10	ND	ND	
	04-JUN-2019	50.02	ND	ND	
	18-JUN-2019	50.00	ND	ND	
	01-JUL-2019	50.04	ND	ND	
	16-JUL-2019	50.42	ND	ND	
	30-JUL-2019	50.00	ND	ND	
	13-AUG-2019	50.00	ND	ND	
	27-AUG-2019	50.00	ND	ND	
	10-SEP-2019	50.20	ND	ND	
	24-SEP-2019	50.00	ND	ND	
	08-OCT-2019	50.00	ND	ND	
	22-OCT-2019	50.00	ND	ND	
	05-NOV-2019	50.10	ND	ND	
	19-NOV-2019	50.00	ND	ND	
	03-DEC-2019	50.14	ND	ND	
	17-DEC-2019	50.02	ND	ND	
	30-DEC-2019	50.14	ND	ND	

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Carroll Water Treatment Plant	02-JAN-2019	50.02	ND	ND	
	08-JAN-2019	50.05	ND	0.02	Giardia cyst: 1 empty, 1 total
	15-JAN-2019	50.03	ND	0.04	Giardia cysts: 2 one internal structure, 2 total
	22-JAN-2019	50.06	ND	0.02	Giardia cyst: 1 amorphous structure, 1 total
	29-JAN-2019	50.00	ND	0.10	Giardia cysts: 4 amorphous structure; 1 one internal structure. 5 total
	05-FEB-2019	50.04	ND	0.02	Giardia cyst: 1 amorphous structure, 1 total
	12-FEB-2019	50.14	ND	0.08	Giardia cysts: 4 amorphous structure, 4 total
	19-FEB-2019	50.08	ND	0.10	Giardia cysts: 3 empty, 2 amorphous structure, 5 total
	26-FEB-2019	50.02	ND	0.08	Giardia cysts: 1 empty, 2 amorphous structure, 1 >one internal structure, 4 total
	05-MAR-2019	50.00	ND	0.02	Giardia cyst: 1 amorphous structure, 1 total
	12-MAR-2019	50.00	ND	ND	
	19-MAR-2019	50.05	ND	0.02	Giardia cyst: 1 empty, 1 total
	26-MAR-2019	50.00	ND	0.06	Giardia cysts: 2 empty, 1 amorphous structure; 3 total
	02-APR-2019	50.02	ND	0.02	Giardia cyst: 1 amorphous structure, 1 total
	09-APR-2019	50.00	ND	0.06	Giardia cysts: 1 empty, 2 amorphous structure; 3 total
	16-APR-2019	50.06	ND	0.02	Giardia cysts: 1 empty, 1 total
	23-APR-2019	50.07	ND	0.04	Giardia cysts: 2 amorphous structure, 2 total
	30-APR-2019	50.00	ND	ND	
	07-MAY-2019	50.04	ND	ND	
	14-MAY-2019	50.00	ND	0.04	Giardia cysts: 1 empty, 1 amorphous structure, 2 total
	21-MAY-2019	50.13	ND	ND	
	28-MAY-2019	50.12	ND	0.02	Giardia cyst: 1 amorphous structure, 1 total
	04-JUN-2019	50.00	ND	ND	
	11-JUN-2019	50.04	ND	ND	
	18-JUN-2019	50.01	ND	ND	
	25-JUN-2019	50.00	ND	ND	
	01-JUL-2019	50.05	ND	ND	
	09-JUL-2019	50.02	ND	ND	
	16-JUL-2019	50.00	ND	ND	
	23-JUL-2019	50.00	ND	ND	
30-JUL-2019	50.02	ND	ND		
06-AUG-2019	50.03	ND	ND		
13-AUG-2019	50.14	ND	ND		
20-AUG-2019	44.87	ND	ND		
27-AUG-2019	50.00	ND	ND		

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Carroll Water Treatment Plant	03-SEP-2019	50.07	ND	ND	
	10-SEP-2019	50.00	ND	ND	
	17-SEP-2019	50.04	ND	ND	
	24-SEP-2019	50.02	ND	ND	
	01-OCT-2019	30.00	0.03	ND	Crypto oocysts: 1 empty, 1 total
	08-OCT-2019	47.50	ND	ND	
	15-OCT-2019	50.08	ND	ND	
	22-OCT-2019	50.08	ND	ND	
	29-OCT-2019	50.02	ND	ND	
	05-NOV-2019	50.00	ND	ND	
	12-NOV-2019	50.07	ND	ND	
	19-NOV-2019	50.02	ND	ND	
	25-NOV-2019	50.00	ND	ND	
	03-DEC-2019	52.41	ND	ND	
	10-DEC-2019	50.15	ND	ND	
	17-DEC-2019	50.00	ND	ND	
	27-DEC-2019	50.00	ND	0.04	Giardia cysts: 1 empty,1 amorphous structure; 2 total
	30-DEC-2019	50.14	ND	0.02	Giardia cysts: 1 empty,1 total

Reported concentrations are in oocysts/L for *Cryptosporidium* and cysts/L for *Giardia*.
 Testing Lab: Analytical Services Inc
 ND = Below Detection Limit if <0.02 Oocysts/L or <0.02 Cysts/L
 EPA Method 1623.1