

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	14-Jan-2020	50.00	ND	ND	
	28-Jan-2020	50.00	ND	ND	
	11-Feb-2020	50.13	ND	ND	
	25-Feb-2020	50.00	ND	ND	
	10-Mar-2020	50.02	ND	ND	
	24-Mar-2020	50.05	ND	ND	
	7-Apr-2020	50.00	ND	ND	
	21-Apr-2020	50.00	ND	ND	
	5-May-2020	50.00	ND	ND	
	19-May-2020	50.00	ND	ND	
	2-Jun-2020	50.00	ND	ND	
	16-Jun-2020	50.00	ND	ND	
	7-Jul-2020	50.02	ND	ND	
	14-Jul-2020	50.06	ND	ND	
	28-Jul-2020	50.00	ND	ND	
	11-Aug-2020	50.10	ND	ND	
	26-Aug-2020	50.00	ND	ND	
	8-Sep-2020	50.00	ND	ND	
	22-Sep-2020	50.00	ND	ND	
	6-Oct-2020	50.08	ND	ND	
20-Oct-2020	50.06	ND	ND		
3-Nov-2020	50.06	ND	ND		
17-Nov-2020	50.00	ND	ND		
1-Dec-2020	50.06	ND	ND		
15-Dec-2020	50.00	ND	ND		
29-Dec-2020	50.00	ND	ND		

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Location*	Sample Date	Volume Filtered (L)	Crypto Concentration (Oocysts/L)	Giardia Concentration (Cysts/L)	Comments or Morphological Characteristics
Carroll Water Treatment Plant	7-Jan-2020	50.00	ND	ND	
	14-Jan-2020	50.00	ND	ND	
	19-Jan-2020	50.00	ND	0.06	Giardia cysts: 1 empty, 1 amorphous structure, 1 internal structure; 3 total.
	22-Jan-2020	50.08	ND	0.18	Giardia cysts: 1 empty, 7 amorphous structure, 1 internal structure; 9 total.
	28-Jan-2020	50.01	ND	0.02	Giardia cysts: 1 amorphous structure, 1 total.
	4-Feb-2020	50.00	0.02	0.08	Giardia cysts: 3 amorphous structure. 1 internal structure, 4 total. Crypto cysts: 1 amorphous structure, 1 total.
	11-Feb-2020	50.00	0.02	0.10	Giardia cysts: 2 empty, 2 amorphous structure, 1 internal structure, 5 total; Crypto cysts: 1 amorphous structure, 1 total.
	18-Feb-2020	50.80	ND	0.02	Giardia cysts: 1 empty, 1 total.
	25-Feb-2020	50.06	ND	0.06	Giardia cysts: 2 empty, 1 amorphous structure, 3 total.
	3-Mar-2020	50.04	ND	0.06	Giardia cysts: 2 amorphous structure, 1 internal structure, 3 total.
	10-Mar-2020	50.10	0.02	0.06	Giardia cysts: 2 empty, 1 amorphous, 3 total. Crypto cysts: 1 empty, 1 total.
	24-Mar-2020	50.00	ND	0.06	Giardia cysts: 1 amorphous structure, 2 internal structure. 3 total.
	31-Mar-2020	50.07	ND	0.14	Giardia cysts: 4 empty, 2 amorphous structure, 1 internal structure, 7 total.
	7-Apr-2020	50.00	ND	0.06	Giardia cysts: 1 empty, 2 amorphous structure, 3 total.
	14-Apr-2020	50.02	ND	0.06	Giardia cysts: 1 empty, 2 amorphous structure, 3 total.
	22-Apr-2020	50.06	ND	0.06	Giardia cysts: 1 amorphous structure, 2 internal structure, 3 total.
	28-Apr-2020	50.04	ND	0.08	Giardia cysts: 3 empty, 1 amorphous structure, 4 total.
	5-May-2020	50.00	ND	0.02	Giardia cysts: 1 internal structure, 1 total.
	12-May-2020	50.04	ND	0.04	Giardia cysts: 1 empty, 1 amorphous, 2 total.
	19-May-2020	50.00	ND	ND	
	26-May-2020	50.13	ND	ND	
	3-Jun-2020	50.03	ND	ND	
	9-Jun-2020	50.05	ND	0.02	Giardia cysts: 1 amorphous structure, 1 total.
	15-Jun-2020	50.00	ND	0.02	Giardia cysts: 1 amorphous structure, 1 total.
	23-Jun-2020	50.05	ND	ND	
	29-Jun-2020	50.04	ND	ND	
	7-Jul-2020	50.00	ND	ND	
	14-Jul-2020	50.00	ND	ND	
	21-Jul-2020	50.04	ND	ND	
	28-Jul-2020	50.00	ND	ND	

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Location*	Sample Date	Volume Filtered (L)	<i>Crypto</i> Concentration (Oocysts/L)	<i>Giardia</i> Concentration (Cysts/L)	Comments or Morphological Characteristics
Carroll Water Treatment Plant	4-Aug-2020	50.02	ND	ND	
	11-Aug-2020	50.00	ND	ND	
	18-Aug-2020	50.17	ND	ND	
	25-Aug-2020	50.00	ND	ND	
	2-Sep-2020	50.00	ND	ND	
	8-Sep-2020	50.00	ND	ND	
	15-Sep-2020	50.64	ND	ND	
	22-Sep-2020	50.00	ND	ND	
	29-Sep-2020	50.02	ND	ND	
	6-Oct-2020	50.00	ND	ND	
	10-Oct-2020	50.01	ND	ND	
	13-Oct-2020	49.98	ND	ND	
	20-Oct-2020	50.04	ND	ND	
	27-Oct-2020	50.03	ND	ND	
	3-Nov-2020	50.00	ND	ND	
	19-Nov-2020	50.00	ND	ND	
	23-Nov-2020	51.07	ND	ND	
	1-Dec-2020	50.68	ND	ND	
	8-Dec-2020	50.00	ND	ND	
	15-Dec-2020	50.92	ND	ND	
21-Dec-2020	50.00	ND	ND		
29-Dec-2020	50.10	ND	ND		

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