

1 **Supplemental Material for**

2 **“Presence and molecular characterization of *Cryptosporidium* and**
3 ***Giardia* in recreational lake water in Tianjin, China: a preliminary**
4 **study”**

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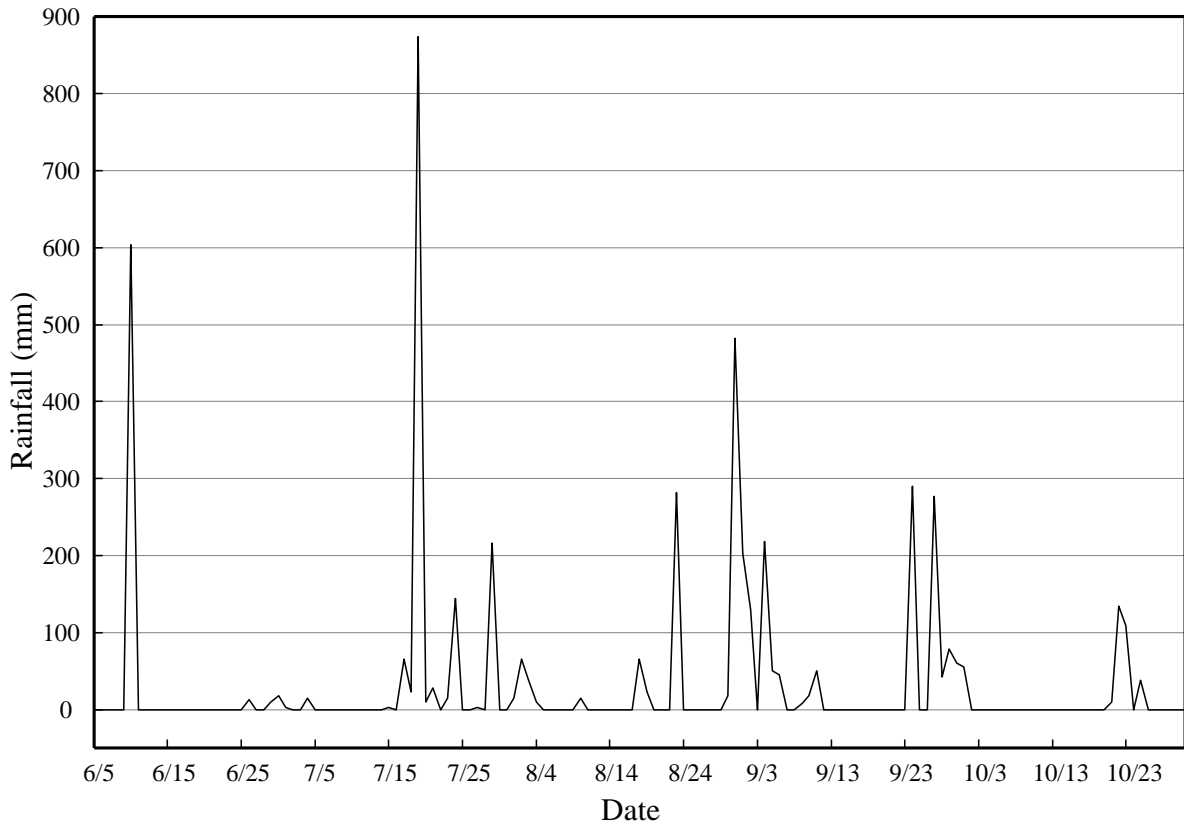
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19 **Figure S1** Daily rainfalls in Tianjin, China from the beginning of June to the end of
20 October, 2015.

21 **Table S1.** Initial precision and recovery (IPR) test of *Cryptosporidium* oocysts and
 22 *Giardia* cysts for the method used.

Protozoa	Spiked number	Recovered number (n=4)	Recovery (range) (%)	Relative standard deviation (%)
<i>Cryptosporidium</i> oocyst	120	49.5 (56, 39, 42, 61)	41.25 (32.50–50.83)	21.54
<i>Giardia</i> cyst	137	52.5 (63, 37, 45, 65)	38.32 (27.01–47.45)	26.09

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24 **Table S2.** Primers and conditions of the PCR reaction used in this study for
 25 amplification of *Cryptosporidium* and *Giardia* at SSU rRNA gene loci.

Parasite		PCR Primers	PCR Parameters
<i>Crypto.</i>	1st	CPB-DIAGF:5'-AAGCTCGTAGTTGGATTTCTG-3' CPB-DIAGR:5'-TAAGGTGCTGAAGGAGTAAGG-3'	7 min at 94 °C followed by 35 cycles of 30 s at 94 °C , 60 s at 68 °C and 30 s at 72 °C
	2nd	N-DIAGF2:5'-CAATTGGAGGGCAAGTCTGGTGCCAGC-3' N-DIAGR2:5'-CCTTCCTATGTCTGGACCTGGTGAGT-3'	7 min at 94 °C followed by 35 cycles of 30 s at 94 °C , 60 s at 60 °C and 30 s at 72 °C
<i>Giardia</i>	1st	GiaF:5'-AAGTGTGGTGCAGACGGACTC-3' GiaR:5'-CTGCTGCCGTCCTTGGATGT-3'	5 min at 94 °C followed by 35 cycles of 45 s at 96 °C , 30 s at 55 °C and 45 s at 72 °C
	2nd	RH11:5'-CATCCGGTTCGATCCTGCC-3' RH4:5'-AGTCGAACCTGATTCTCCGCCAGG-3'	3 min at 96 °C followed by 35 cycles of 45 s at 96 °C , 30 s at 59 °C and 30 s at 72 °C

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