

Supplementary Materials for Quantitative Microbial Risk Assessment

for Private Wells in Flood-Impacted Areas

Table S1. Median daily risk of infection for each age group and reference pathogen for drinking water

	Reference Pathogen					
Age Group	<i>Cryptosporidium</i>	<i>E. coli</i> O157:H7	<i>Giardia</i>	Norovirus	<i>Salmonella</i>	<i>Campylobacter</i>
Infant	2.5591E-06	5.73E-09	1.73E-07	5.2501E-05	6.54E-09	4.53E-07
Age 2-6	2.3718E-06	5.31E-09	1.60E-07	4.8659E-05	6.06E-09	4.20E-07
Age 6-16	4.057E-06	9.08E-09	2.74E-07	8.3231E-05	2.84E-09	7.18E-07
Adult	7.802E-06	1.75E-08	5.28E-07	1.6005E-04	1.99E-08	1.3817E-06

Table S2. Median daily risk of infection for indirect ingestion exposure scenarios

Reference Pathogen	Bathing	Showering	Brushing Teeth	Toilet Flushing	Washing Food and Dishes
<i>Campylobacter</i>	4.66137E-07	4.3203E-07	1.13692E-09	8.52691E-10	3.97923E-09
<i>Cryptosporidium</i>	8.13062E-08	2.38696E-09	1.65132E-08	1.892E-09	7.56823E-08
<i>E. coli</i> O157:H7	5.68574E-09	5.26971E-09	1.3868E-11	1.0401E-11	4.8537E-11
<i>Giardia</i>	1.37434E-10	4.295E-12	3.0841E-11	3.392E-12	1.36576E-10
Norovirus	1.77669E-06	5.76636E-08	3.82443E-07	4.25618E-08	1.78795E-06
<i>Salmonella</i>	6.69518E-10	6.20529E-10	1.63292E-12	1.22458E-12	5.7154E-12