

## Supporting information

### **S1 Table. Estimated municipal wastewater effluent flow contribution into the Bow River.**

Mean daily flow from each of Calgary's wastewater treatment plants, and the Bow River in m<sup>3</sup>/s, and estimated effluent flow contribution into the Bow River (% effluent) during the 26 d exposure period in September and October 2016.

WWTP	Exposure period	Bow River flow (m <sup>3</sup> /s)	WWTP flow (m <sup>3</sup> /s)	Effluent contribution (%)
1	Sep. 11 – Oct. 7	54.3	4.5	8.3
2	Sep. 8 – Oct. 4	58.5	0.4	0.6
3	Sep. 7 – Oct. 3	58.5	1.1	1.9