## **Accepted Manuscript**

The influence of precursors and treatment process on the formation of lodo-THMs in Canadian drinking water

Anca-Maria Tugulea, Rocio Aranda-Rodriguez, Denis Berube, Michèle Giddings, France Lemieux, Joan Hnatiw, Luda Dabeka, François Breton

PII: S0043-1354(17)30983-1

DOI: 10.1016/j.watres.2017.11.055

Reference: WR 13385

To appear in: Water Research

Received Date: 19 July 2017

Revised Date: 23 November 2017 Accepted Date: 25 November 2017

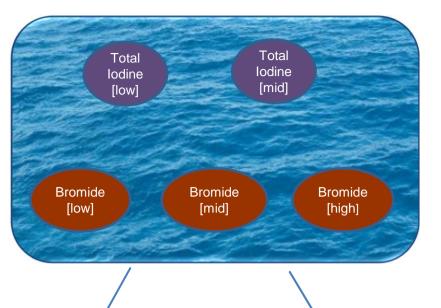
Please cite this article as: Tugulea, A.-M., Aranda-Rodriguez, R., Berube, D., Giddings, Michè., Lemieux, F., Hnatiw, J., Dabeka, L., Breton, Franç., The influence of precursors and treatment process on the formation of Iodo-THMs in Canadian drinking water, *Water Research* (2017), doi: 10.1016/j.watres.2017.11.055.

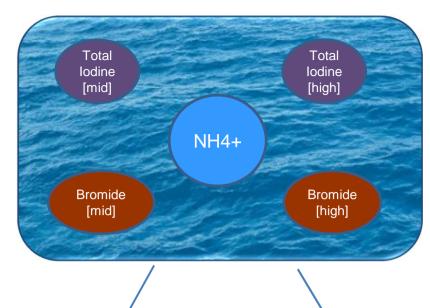
This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



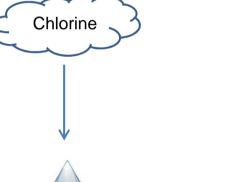
A CCEDTED MANIFICATION

Precursors in the Source Water





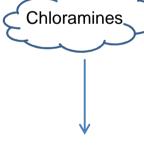
Disinfection Process







Chlorine



Iodo-THM formation in Treated Water





CHI<sub>3</sub> Mean [I-THMs] 10.4 μg/L

## Download English Version:

## https://daneshyari.com/en/article/8874562

Download Persian Version:

https://daneshyari.com/article/8874562

<u>Daneshyari.com</u>