

# Nordion®

A Sotera Health company

## **Annual Report on Toxic Substance Reduction - 2018**

447 March Road  
Ottawa, ON, Canada K2K 1X8

**Section 1 – Facility Information**

<b>Company Name</b>	Nordion (Canada) Inc
<b>Company Address / Mailing Address</b>	447 March Road Ottawa, Ontario K2K 1X8
<b>Web Site Address</b>	<a href="http://www.nordion.com">www.nordion.com</a>
<b>NPRI ID</b>	0000002247
<b>NAICS Code</b>	325410
<b>Number of Employees</b>	324
<b>Were there any periods, of one week or longer, where the facility was shut down</b>	No
<b>Does the facility report under other Environmental Regulations or Permits</b>	Yes
<b>Person who prepared the report:</b>	
<b>First Name</b>	Jennifer
<b>Last Name</b>	Mahoney
<b>Position</b>	Manager, EHS & Documents & Corporate Records
<b>Telephone</b>	613-592-3400
<b>Extension</b>	2737
<b>Fax</b>	613-592-2006
<b>Email</b>	<a href="mailto:jennifer.mahoney@nordion.com">jennifer.mahoney@nordion.com</a>
<b>Address</b>	447 March Road Ottawa, Ontario K2K 1X8
<b>Certifying Official</b>	Richard Wassenaar
<b>Position</b>	Director, Regulatory and EHS
<b>Reporting Programs</b>	NPRI Toxics Reduction Act

## Section 2 – Materials Reported under the Toxics Reduction Act

Lead (and its compounds)			
	Quantity (kg) *	Percent Change (2016 to 2017)	Reason for Change
<b>Enters the Facility</b>			
Nature of Activities: Process the substance as an article component and as a by-product; ancillary/other use, as a by-product.			
Amount of substance that enters a process as the substance itself or part of another substance (range)	10,000 – 100,000	66.93% decrease	Less lead was purchased in 2018. There is not always a direct correlation between the amount of lead used and the amount transferred off-site for recycling due to the fact that a number of these materials are used over a number of years for containers and shielding.
<b>Created</b>			
Amount of substance created (range)	0 - 1	0	No change
<b>Contained in Product</b>			
Amount of substance contained in product (range)	0 – 1	0	No change
<b>Releases to Air</b>			
Releases to air (range)	0 – 1	0	No change
<b>Disposals</b>			
Disposals	0 – 1	0	No change
<b>Off-Site Transfers for Recycling</b>			
Reasons why substance is recycled: Off-specification products; contaminated materials; unusable parts or discards; machine or finishing residues.			
Recycling – Recovery of Metals and Metal Compounds	1,000 – 10,000	62.84 % Decrease	Less lead waste was sent off-site for recycling in 2018. There is not always a direct correlation between the amount of lead used and the amount disposed of (recycled) due to the fact that a number of these materials are used over a number of years for containers and shielding.

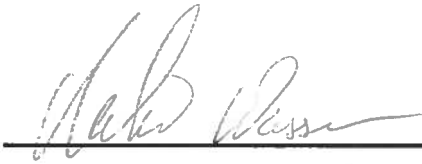
\* Ranges as prescribed by the Ontario Ministry of the Environment:  
 >0-1 >1-10 >10-100 >100-1,000 >1,000-10,000 >10,000-100,000

### **Section 3 – Toxic Reduction Plan Objective**

As described in Nordion's Toxic Substance Reduction Plan Summary dated December 14, 2012, as well as subsequent Plan Summaries, there are currently no viable options to replace lead that are both technologically and financially viable. This plan will be reviewed in accordance with the Act and Regulation, at which time new options may be identified and considered for implementation.

### **Section 4 – Certification by Highest Ranking Official**

I certify that I have read the Toxic Reduction Plan and am familiar with its content. To the best of my knowledge the report is factually accurate, and the report complies with the Toxics Reduction Act, 2009, and Ontario Regulations 455/09 and 125/10.

A handwritten signature in black ink, appearing to read "Richard Wassenaar", is written above a solid horizontal line.

Richard Wassenaar, Director, Regulatory and EHS

**Nordion (Canada) Inc.**

447 March Road  
Ottawa, ON K2K 1X8  
Canada

[www.nordion.com](http://www.nordion.com)

**CORE PURPOSE**

To make a distinctive contribution to the health and well-being of people around the world.

**CORE VALUES**

**Commitment to excellence**

Striving to reach our full potential as a company and as individuals; doing the right things the right way.

**Mutual Trust**

Having confidence enough to rely on other and be open to new people and different ideas.

**Respect for people**

Showing genuine concern for others, and treating People as individuals, with understanding and appreciation.

**Integrity**

Being reliable and accountable in word and behavior.

