

NOVOZYMES CANADA LIMITED

OTTAWA, ONTARIO

**PUBLIC REPORTING UNDER O.REG. 455/09
AS REQUIRED UNDER TOXICS REDUCTION ACT**
July 15, 2020

FACILITY INFORMATION

Company Name & Address: Novozymes Canada
 300 Hunt Club Rd.
 Ottawa, Ontario
 K1V 1C1

National Pollutant Release Inventory Identification Number: 27957

Number of Employees: 61

NAICS: 325999

TRA ACCOUNTING

For comparison purposes, the following tables provide a summary of the 2018 and 2019 TRA accounting values.

Ammonia (total), CAS RN NA – 16

Reporting Year	2019	2018	Change	% Change
Use (tonnes)	>100 to 1000	>100 to 1000	3 tonnes	3 %
Creation (tonnes)	0	0	0	0
Contained in Product (tonnes)	0	0	0	0
Releases to Air (tonnes)	0.14	0.24	- 0.1	-42%
Off-Site Disposal (tonnes)	10.270	20.51	-10.24	-50%
Off-Site Transfers for Disposal (tonnes)	1.05	12.4	-11.3	-92%

Phosphorous (total), CAS RN NA – 22

Reporting Year	2019	2018	Change	% Change
Use	>10 to 100	>10 to 100	-44.70	-54%
Creation (tonnes)	0	0	0	0%
Contained in Product (tonnes)	>10 to 100	>10 to 100	-41.36	-65%
Releases to Air (tonnes)	0	0	0	0%
Off-Site Disposal (tonnes)	14.09	12.02	2.07	17%
Off-Site Transfers for Disposal (tonnes)	2.12	3.77	-1.65	-44%

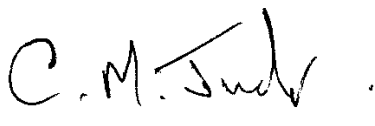
TRA PLAN OBJECTIVES FOR AMMONIA (TOTAL) AND PHOSPHORUS (TOTAL)

Novozymes will strive to minimize waste through process simplification improvements in its spill and leak protection plan and workplace safety programs. However, Novozymes has not set objectives for reducing the use of these substances.

CERTIFICATION

As of July 15, 2020, I, Christopher Judge, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to above and am familiar with its contents, and to my knowledge the information contained in the reports is factually accurate and the reports complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Signed July 15, 2020. Original signature is on file at the facility.



Christopher Judge, Head of Operations
 Novozymes Canada Limited
 (613)-241-9889