

Canada Gazette, Part I, Volume 154, Number 7: Notice with respect to the substances in the National Pollutant Release Inventory for 2020 and 2021

February 15, 2020

DEPARTMENT OF THE ENVIRONMENT

CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999

Notice with respect to the substances in the National Pollutant Release Inventory for 2020 and 2021

Notice is hereby given, pursuant to subsection 46(1) of the *Canadian Environmental Protection Act, 1999* (the Act), that for the purpose of conducting research, creating an inventory of data, formulating objectives and codes of practice, issuing guidelines or assessing or reporting on the state of the environment, any person who owns or operates a facility described in Schedule 3 to this notice, and who possesses or who may reasonably be expected to have access to information described in Schedule 4, shall provide the Minister of the Environment with this information.

This notice applies to the calendar years 2020 and 2021. Information pertaining to the 2020 calendar year shall be provided no later than June 1, 2021. Information pertaining to the 2021 calendar year shall be provided no later than June 1, 2022.

If a person who owns or operates a facility with respect to which information pertaining to at least one substance was submitted for the 2019 calendar year in response to the *Notice with respect to the substances in the National*

Pollutant Release Inventory for 2018 and 2019 determines that the facility does not meet any of the criteria set out in this notice for the 2020 calendar year, the person shall notify the Minister of the Environment that the facility does not meet these criteria, and provide the reason that the facility does not meet these criteria, no later than June 1, 2021.

If a person who owns or operates a facility with respect to which information pertaining to at least one substance is submitted for the 2020 calendar year in response to this notice determines that the facility does not meet any of the criteria set out in this notice for the 2021 calendar year, the person shall notify the Minister of the Environment that the facility does not meet these criteria, and provide the reason that the facility does not meet these criteria, no later than June 1, 2022.

Pursuant to subsection 46(8) of the Act, persons who are subject to this notice shall keep copies of the information required under this notice, together with any calculations, measurements and other data on which the information is based, at the facility to which the calculations, measurements and other data relate, or at the principal place of business in Canada of the person who owns or operates the facility, for a period of three years from the date the information is required to be submitted.

Persons subject to the notice shall address responses or enquiries to the following address:

National Pollutant Release Inventory
Environment and Climate Change Canada
Gatineau, Quebec
K1A 0H3
Telephone: 1-877-877-8375
Email: ec.inrp-npri.ec@canada.ca

The Minister of the Environment intends to publish, in part, the information submitted in response to this notice. Pursuant to section 51 of the Act, any person who provides information in response to this notice may submit, with their information, a written request that it be treated as confidential based on the reasons set out in section 52 of the Act. The person requesting confidential treatment of the information shall indicate which of the reasons in section 52 of the Act applies to their request. Nevertheless, the Minister may disclose, in accordance with subsection 53(3) of the Act, information submitted in response to this notice.

Jacqueline Gonçalves

Director General

Science and Risk Assessment Directorate

On behalf of the Minister of the Environment

SCHEDULE 1

Substances

The substances captured under this notice are those set out in parts 1 through 5 of this schedule.

PART 1

GROUP A SUBSTANCES

	<i>Name</i>	<i>CAS Registry Number</i> †
1.	Acetaldehyde	75-07-0
2.	Acetonitrile	75-05-8

3.	Acetophenone	98-86-2
4.	Acrolein	107-02-8
5.	Acrylamide	79-06-1
6.	Acrylic acid (and its salts) ¹	79-10-7
7.	Allyl alcohol	107-18-6
8.	Aluminum (fume or dust only)	7429-90-5
9.	Aluminum oxide (fibrous forms only)	1344-28-1
10.	Ammonia (total) ²	*
11.	Aniline (and its salts) ¹	62-53-3
12.	Antimony (and its compounds) ³	*
13.	Asbestos (friable form only)	1332-21-4
14.	Benzene	71-43-2
15.	Benzoyl chloride	98-88-4
16.	Benzoyl peroxide	94-36-0
17.	Benzyl chloride	100-44-7
18.	Biphenyl	92-52-4
19.	<i>Bis</i> (2-ethylhexyl) adipate	103-23-1
20.	<i>Bis</i> (2-ethylhexyl) phthalate	117-81-7

21.	Boron trifluoride	7637-07-2
22.	Bromine	7726-95-6
23.	Bromomethane	74-83-9
24.	1,3-Butadiene	106-99-0
25.	2-Butoxyethanol	111-76-2
26.	Butyl acrylate	141-32-2
27.	<i>i</i> -Butyl alcohol	78-83-1
28.	<i>n</i> -Butyl alcohol	71-36-3
29.	<i>sec</i> -Butyl alcohol	78-92-2
30.	<i>tert</i> -Butyl alcohol	75-65-0
31.	Butyl benzyl phthalate	85-68-7
32.	1,2-Butylene oxide	106-88-7
33.	Butyraldehyde	123-72-8
34.	C.I. Basic Green 4	569-64-2
35.	Calcium fluoride	7789-75-5
36.	Carbon disulphide	75-15-0
37.	Carbon tetrachloride	56-23-5
38.	Carbonyl sulphide	463-58-1

39.	Catechol	120-80-9
40.	CFC-11	75-69-4
41.	CFC-12	75-71-8
42.	CFC-13	75-72-9
43.	CFC-114	76-14-2
44.	CFC-115	76-15-3
45.	Chlorine	7782-50-5
46.	Chlorine dioxide	10049-04-4
47.	Chloroacetic acid (and its salts) ¹	79-11-8
48.	Chlorobenzene	108-90-7
49.	Chloroethane	75-00-3
50.	Chloroform	67-66-3
51.	Chloromethane	74-87-3
52.	Chromium (and its compounds) ⁴	*
53.	Copper (and its compounds) ³	*
54.	Cresol (all isomers, and their salts) ^{1, 5}	1319-77-3
55.	Cumene	98-82-8
56.	Cumene hydroperoxide	80-15-9

57.	Cyanides (ionic)	*
58.	Cyclohexane	110-82-7
59.	Cyclohexanol	108-93-0
60.	2,6-Di- <i>t</i> -butyl-4-methylphenol	128-37-0
61.	Dibutyl phthalate	84-74-2
62.	<i>o</i> -Dichlorobenzene	95-50-1
63.	<i>p</i> -Dichlorobenzene	106-46-7
64.	3,3'-Dichlorobenzidine dihydrochloride	612-83-9
65.	1,2-Dichloroethane	107-06-2
66.	Dichloromethane	75-09-2
67.	2,4-Dichlorophenol (and its salts) ¹	120-83-2
68.	1,2-Dichloropropane	78-87-5
69.	Dicyclopentadiene	77-73-6
70.	Diethanolamine (and its salts) ¹	111-42-2
71.	Diethyl phthalate	84-66-2
72.	Diethyl sulphate	64-67-5
73.	Dimethylamine	124-40-3
74.	<i>N,N</i> -Dimethylaniline (and its salts) ¹	121-69-7

75.	<i>N,N</i> -Dimethylformamide	68-12-2
76.	Dimethyl phthalate	131-11-3
77.	Dimethyl sulphate	77-78-1
78.	4,6-Dinitro- <i>o</i> -cresol (and its salts) ¹	534-52-1
79.	2,4-Dinitrotoluene	121-14-2
80.	Di- <i>n</i> -octyl phthalate	117-84-0
81.	1,4-Dioxane	123-91-1
82.	Diphenylamine	122-39-4
83.	Epichlorohydrin	106-89-8
84.	2-Ethoxyethanol	110-80-5
85.	2-Ethoxyethyl acetate	111-15-9
86.	Ethyl acrylate	140-88-5
87.	Ethylbenzene	100-41-4
88.	Ethylene	74-85-1
89.	Ethylene glycol	107-21-1
90.	Ethylene oxide	75-21-8
91.	Ethylene thiourea	96-45-7
92.	Fluorine	7782-41-4

93.	Formaldehyde	50-00-0
94.	Formic acid	64-18-6
95.	Halon 1211	353-59-3
96.	Halon 1301	75-63-8
97.	HCFC-22	75-45-6
98.	HCFC-122 (all isomers) ⁶	41834-16-6
99.	HCFC-123 (all isomers) ⁷	34077-87-7
100.	HCFC-124 (all isomers) ⁸	63938-10-3
101.	HCFC-141b	1717-00-6
102.	HCFC-142b	75-68-3
103.	Hexachlorocyclopentadiene	77-47-4
104.	Hexachlorophene	70-30-4
105.	<i>n</i> -Hexane	110-54-3
106.	Hydrochloric acid	7647-01-0
107.	Hydrogen cyanide	74-90-8
108.	Hydrogen fluoride	7664-39-3
109.	Hydrogen sulphide	7783-06-4
110.	Hydroquinone (and its salts) ¹	123-31-9

111.	Iron pentacarbonyl	13463-40-6
112.	Isobutyraldehyde	78-84-2
113.	Isophorone diisocyanate	4098-71-9
114.	Isopropyl alcohol	67-63-0
115.	Lithium carbonate	554-13-2
116.	Maleic anhydride	108-31-6
117.	Manganese (and its compounds) ³	*
118.	2-Mercaptobenzothiazole	149-30-4
119.	Methanol	67-56-1
120.	2-Methoxyethanol	109-86-4
121.	2-(2-Methoxyethoxy)ethanol	111-77-3
122.	2-Methoxyethyl acetate	110-49-6
123.	Methyl acrylate	96-33-3
124.	Methyl <i>tert</i> -butyl ether	1634-04-4
125.	<i>p,p'</i> -Methylenebis(2-chloroaniline)	101-14-4
126.	1,1-Methylenebis(4-isocyanatocyclohexane)	5124-30-1
127.	Methylenebis(phenylisocyanate)	101-68-8
128.	<i>p,p'</i> -Methylenedianiline	101-77-9

129.	Methyl ethyl ketone	78-93-3
130.	Methyl iodide	74-88-4
131.	Methyl isobutyl ketone	108-10-1
132.	Methyl methacrylate	80-62-6
133.	<i>N</i> -Methylolacrylamide	924-42-5
134.	<i>N</i> -Methyl-2-pyrrolidone	872-50-4
135.	Michler's ketone (and its salts) ¹	90-94-8
136.	Molybdenum trioxide	1313-27-5
137.	Naphthalene	91-20-3
138.	Naphthenic acid fraction compounds (and their salts) ^{1, 9}	*
139.	Nickel (and its compounds) ³	*
140.	Nitrate ion ¹⁰	*
141.	Nitric acid	7697-37-2
142.	Nitrilotriacetic acid (and its salts) ¹	139-13-9
143.	Nitroglycerin	55-63-0
144.	2-Nitropropane	79-46-9
145.	<i>N</i> -Nitrosodiphenylamine	86-30-6

146. Octylphenol and its ethoxylates ¹¹	*
147. Peracetic acid (and its salts) ¹	79-21-0
148. Phenol (and its salts) ¹	108-95-2
149. <i>p</i> -Phenylenediamine (and its salts) ¹	106-50-3
150. Phosgene	75-44-5
151. Phosphorus (yellow or white only)	7723-14-0
152. Phosphorus (total) ¹²	*
153. Phthalic anhydride	85-44-9
154. Polymeric diphenylmethane diisocyanate	9016-87-9
155. Potassium bromate	7758-01-2
156. Propionaldehyde	123-38-6
157. Propylene	115-07-1
158. Propylene oxide	75-56-9
159. Pyridine (and its salts) ¹	110-86-1
160. Silver (and its compounds) ³	*
161. Sodium fluoride	7681-49-4
162. Sodium nitrite	7632-00-0
163. Styrene	100-42-5

164.	Sulphuric acid	7664-93-9
165.	1,1,1,2-Tetrachloroethane	630-20-6
166.	1,1,2,2-Tetrachloroethane	79-34-5
167.	Tetrachloroethylene	127-18-4
168.	Thiourea	62-56-6
169.	Thorium dioxide	1314-20-1
170.	Titanium tetrachloride	7550-45-0
171.	Toluene	108-88-3
172.	Total reduced sulphur (expressed as hydrogen sulphide) ¹³	*
173.	1,2,4-Trichlorobenzene	120-82-1
174.	1,1,2-Trichloroethane	79-00-5
175.	Trichloroethylene	79-01-6
176.	Triethylamine	121-44-8
177.	1,2,4-Trimethylbenzene	95-63-6
178.	2,2,4-Trimethylhexamethylene diisocyanate	16938-22-0
179.	Vanadium (and its compounds) ¹⁴	*
180.	Vinyl acetate	108-05-4

181.	Vinyl chloride	75-01-4
182.	Xylene (all isomers) ¹⁵	1330-20-7
183.	Zinc (and its compounds) ³	*

GROUP B SUBSTANCES

	<i>Name</i>	<i>CAS Registry Number</i> [†]
184.	Acrylonitrile	107-13-1
185.	Arsenic (and its compounds) ³	*
186.	Azo disperse dyes ¹⁶	*
187.	1,4-Benzenediamine, <i>N,N'</i> -mixed phenyl and tolyl derivatives	68953-84-4
188.	Bisphenol A	80-05-7
189.	Cadmium (and its compounds) ³	*
190.	Chlorinated alkanes, medium-chain, $C_nH_xCl_{(2n+2-x)}$, $14 \leq n \leq 17$ ¹⁷	*
191.	Chlorinated alkanes, long-chain, $C_nH_xCl_{(2n+2-x)}$, $18 \leq n \leq 20$ ¹⁸	*
192.	Cobalt (and its compounds) ³	*
193.	Hexavalent chromium (and its compounds) ³	*
194.	Hydrazine (and its salts) ¹	302-01-2

195.	Isoprene	78-79-5
196.	Lead (and its compounds) ¹⁹	*
197.	Mercury (and its compounds) ³	*
198.	Nonylphenol and its ethoxylates ²⁰	*
199.	2-Propanone, reaction products with diphenylamine	68412-48-6
200.	Selenium (and its compounds) ³	*
201.	Tetraethyl lead	78-00-2
202.	Thallium (and its compounds) ³	*
203.	Toluene-2,4-diisocyanate	584-84-9
204.	Toluene-2,6-diisocyanate	91-08-7
205.	Toluenediisocyanate (mixed isomers) ²¹	26471-62-5

PART 2

	<i>Name</i>	<i>CAS Registry Number</i> †
206.	Acenaphthene	83-32-9
207.	Acenaphthylene	208-96-8
208.	Anthracene	120-12-7
209.	Benz[a]anthracene	56-55-3

210.	Benzo[a]pyrene	50-32-8
211.	Benzo[b]fluoranthene	205-99-2
212.	Benzo[e]pyrene	192-97-2
213.	Benzo[ghi]perylene	191-24-2
214.	Benzo[j]fluoranthene	205-82-3
215.	Benzo[k]fluoranthene	207-08-9
216.	Chrysene	218-01-9
217.	Dibenz[a,h]acridine	226-36-8
218.	Dibenz[a,h]anthracene	53-70-3
219.	Dibenz[a,j]acridine	224-42-0
220.	Dibenzo[a,e]fluoranthene	5385-75-1
221.	Dibenzo[a,e]pyrene	192-65-4
222.	Dibenzo[a,h]pyrene	189-64-0
223.	Dibenzo[a,i]pyrene	189-55-9
224.	Dibenzo[a,l]pyrene	191-30-0
225.	7H-Dibenzo[c,g]carbazole	194-59-2
226.	7,12-Dimethylbenz[a]anthracene	57-97-6
227.	Fluoranthene	206-44-0

228.	Fluorene	86-73-7
229.	Indeno[1,2,3-cd]pyrene	193-39-5
230.	3-Methylcholanthrene	56-49-5
231.	5-Methylchrysene	3697-24-3
232.	1-Nitropyrene	5522-43-0
233.	Perylene	198-55-0
234.	Phenanthrene	85-01-8
235.	Pyrene	129-00-0
236.	Quinoline	91-22-5

PART 3

	<i>Name</i>	<i>CAS Registry Number</i> †
237.	2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin	1746-01-6
238.	1,2,3,7,8-Pentachlorodibenzo- <i>p</i> -dioxin	40321-76-4
239.	1,2,3,4,7,8-Hexachlorodibenzo- <i>p</i> -dioxin	39227-28-6
240.	1,2,3,7,8,9-Hexachlorodibenzo- <i>p</i> -dioxin	19408-74-3
241.	1,2,3,6,7,8-Hexachlorodibenzo- <i>p</i> -dioxin	57653-85-7
242.	1,2,3,4,6,7,8-Heptachlorodibenzo- <i>p</i> -dioxin	35822-46-9

243.	Octachlorodibenzo- <i>p</i> -dioxin	3268-87-9
244.	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9
245.	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4
246.	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6
247.	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9
248.	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9
249.	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9
250.	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5
251.	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4
252.	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7
253.	Octachlorodibenzofuran	39001-02-0
254.	Hexachlorobenzene	118-74-1

PART 4 — CRITERIA AIR CONTAMINANTS

	<i>Name</i>	<i>CAS Registry Number</i> [‡]
255.	Carbon monoxide	630-08-0
256.	Nitrogen oxides (expressed as nitrogen dioxide)	11104-93-1
257.	PM _{2.5} ²² , ²³	*

258.	PM ₁₀ 23 , 24	*
259.	Sulphur dioxide	7446-09-5
260.	Total particulate matter 23 , 25	*
261.	Volatile organic compounds 26	*

PART 5 — VOLATILE ORGANIC COMPOUNDS WITH ADDITIONAL REPORTING REQUIREMENTS

INDIVIDUAL SUBSTANCES

	<i>Name</i>	<i>CAS Registry Number</i> †
262.	Acetylene	74-86-2
263.	Benzene	71-43-2
264.	1,3-Butadiene	106-99-0
265.	2-Butoxyethanol	111-76-2
266.	<i>p</i> -Dichlorobenzene	106-46-7
267.	1,2-Dichloroethane	107-06-2
268.	Dimethylether	115-10-6
269.	Ethanol	64-17-5
270.	Ethyl acetate	141-78-6
271.	Ethylene	74-85-1

272.	Formaldehyde	50-00-0
273.	Furfuryl alcohol	98-00-0
274.	<i>n</i> -Hexane	110-54-3
275.	Isopropyl alcohol	67-63-0
276.	D-Limonene	5989-27-5
277.	Methanol	67-56-1
278.	Methyl ethyl ketone	78-93-3
279.	Methylcyclopentane	96-37-7
280.	Methyl isobutyl ketone	108-10-1
281.	Myrcene	123-35-3
282.	beta-Phellandrene	555-10-2
283.	alpha-Pinene	80-56-8
284.	beta-Pinene	127-91-3
285.	Propane	74-98-6
286.	<i>n</i> -Propyl alcohol	71-23-8
287.	Propylene	115-07-1
288.	Styrene	100-42-5
289.	Tetrahydrofuran	109-99-9

290.	Toluene	108-88-3
291.	1,2,4-Trimethylbenzene	95-63-6
292.	Vinyl acetate	108-05-4

ISOMER GROUPS

	<i>Name</i>	<i>CAS Registry Number</i> †
293.	Butane (all isomers)	* -
294.	Butene (all isomers)	25167-67-3
295.	Butyl acetate 27	* -
296.	Cycloheptane (all isomers)	* -
297.	Cyclohexene (all isomers)	* -
298.	Cyclooctane (all isomers)	* -
299.	Decane (all isomers)	* -
300.	Ethyltoluene (all isomers)	* -
301.	Heptane (all isomers)	* -
302.	Hexane 28	* -
303.	Hexene (all isomers)	25264-93-1
304.	Nonane (all isomers)	* -

305.	Octane (all isomers)	* -
306.	Pentane (all isomers)	* -
307.	Pentene (all isomers)	* -
308.	Propyl acetate (all isomers)	* -
309.	Propylene glycol methyl ether acetate (all isomers)	108-65-6
310.	Trimethylbenzene ²⁹	25551-13-7
311.	Xylene (all isomers) ¹⁵	1330-20-7

OTHER GROUPS AND MIXTURES

	Name	CAS Registry Number [‡]
312.	Analytically unresolved hydrocarbons (C ₁₀ to C ₁₆ ⁺) ³⁰	* -
313.	Heavy aromatic solvent naphtha	64742-94-5
314.	Hydrotreated heavy naphtha	64742-48-9
315.	Hydrotreated light distillate	64742-47-8
316.	Light aromatic solvent naphtha	64742-95-6
317.	Mineral spirits	64475-85-0
318.	Naphtha	8030-30-6

319.	Other glycol ethers and acetates (and their isomers)	<u>31</u>	*
320.	Solvent naphtha light aliphatic		64742-89-8
321.	Solvent naphtha medium aliphatic		64742-88-7
322.	Stoddard solvent		8052-41-3
323.	VM & P naphtha		8032-32-4

SCHEDULE 2

Definitions

1. The following definitions apply to this notice and its schedules:

“alloy” means metal products containing two or more elements as a solid solution, intermetallic compounds, and mixtures of metallic phases.

« alliage »

“article” means a manufactured item that does not release a substance when it undergoes processing or other use. « article »

“base metal” means copper, lead, nickel or zinc. It does not include aluminum or any other metals. « métal commun »

“by-product” means a substance which is incidentally manufactured, processed or otherwise used at the facility at any concentration, and released to the environment or disposed of. « sous-produit »

“CAS Registry Number” or “CAS RN” refers to the Chemical Abstracts Service Registry Number. « numéro d’enregistrement CAS » ou « NE CAS »

“compressor station” means a facility where gas pressure is increased to overcome friction losses through a pipeline or pipe system or for

underground natural gas storage. « station de compression »

“contiguous facility” means all buildings, equipment, structures and stationary items that are located on a single site, or on contiguous sites or adjacent sites that are owned or operated by the same person and that function as a single integrated site, including wastewater collection systems that release treated or untreated wastewater into surface waters. « installation contiguë »

“electricity generation unit” means physically connected equipment that operates together to produce electricity for sale or distribution to the grid by means of thermal energy and is stationary when used, and is not in or on a machine that is self-propelled. « unité de production d’électricité »

“emission factors” means numerical values that relate the quantity of substances emitted from a source to a common activity associated with those emissions, and that can be categorized as published emission factors or site-specific emission factors. « facteurs d’émission »

“employee” means an individual employed at the facility and includes the owner of the facility who performs work on-site at the facility, and a person, such as a contractor, who, at the facility, performs work that is related to the operations of the facility, for the period of time that the person is performing that work. « employé »

“external combustion equipment” means any equipment with a combustion process that occurs at atmospheric pressure and with excess air. « appareil à combustion externe »

“facility” means a contiguous facility, a portable facility, a pipeline installation, or an offshore installation. « installation »

“fossil fuel” means fuel that is in a solid or liquid state at standard temperature and pressure, such as coal, petroleum or any solid or liquid

fuel derived from such. « combustible fossile »

“full-time employee equivalent” means the unit obtained by dividing by 2 000 hours the sum of

(a) the total hours worked by individuals employed at the facility and the total hours of paid vacation and of sick leave taken by individuals employed at the facility;

(b) the hours worked on-site at the facility by the owner of the facility, if not employed by the facility; and

(c) the hours worked on-site at the facility by a person, such as a contractor, who, at the facility, performs work related to the operations of the facility. « équivalent d’employé à temps plein »

“level of quantification” means, in respect of a substance, the lowest concentration that can be accurately measured using sensitive but routine sampling and analytical methods. « limite de dosage »

“manufacture” means to produce, prepare, or compound a substance, and includes the incidental production of a substance as a by-product.

« fabrication »

“offshore installation” means an offshore drilling unit, production platform or ship, or subsea installation that is related to the exploitation of oil or natural gas and that is attached or anchored to the continental shelf of Canada or within Canada’s exclusive economic zone. « installation extracôtière »

“other use” or “otherwise used” means any use, disposal or release of a substance which is not included in the definitions of “manufacture” or “process,” and includes the other use of by-products. « autre utilisation » or « utilisation d’une autre manière »

“parent company” means the highest level company or group of companies that owns or directly controls the reporting facility. « société mère »

“pipeline installation” means a collection of equipment situated at a single site, used in the operation of a natural gas transmission or distribution pipeline. « installation de pipeline »

“pit” means an excavation that is open to the air, and any associated infrastructure that is operated for the purpose of extracting sand, clay, marl, earth, shale, gravel, unconsolidated rock, or other unconsolidated materials, but not bitumen. « sablière »

“pollution prevention” means the use of processes, practices, materials, products, substances or energy that avoid or minimize the creation of pollutants and waste, and reduce the overall risk to the environment or human health. « prévention de la pollution »

“portable facility” means portable polychlorinated biphenyl (PCB) destruction equipment, portable asphalt plants, and portable concrete batching plants. « installation mobile »

“potential electrical output” means the quantity of electricity that would be generated by a unit in a calendar year if the unit were to operate at full capacity at all times during that calendar year. « production électrique potentielle »

“process” means the preparation of a substance, after its manufacture, for commercial distribution and includes preparation of the substance in the same physical state or chemical form as that received by the facility, or preparation which produces a change in physical state or chemical form, and also includes the processing of the substance as a by-product.
« préparation »

“quarry” means an excavation that is open to the air and any associated infrastructure that is operated for the purpose of working, recovering or extracting limestone, sandstone, dolostone, marble, granite, or other consolidated rock. « carrière »

“recycling” means any activity that prevents a material or a component of the material from becoming a material destined for disposal. « recyclage »

“secondary aluminum” means aluminum-bearing scrap or aluminum-bearing materials. « aluminium de récupération »

“secondary lead” means lead-bearing scrap or lead-bearing materials, other than lead-bearing concentrates derived from a mining operation. « plomb de récupération »

“terminal operations” means

(a) the use of storage tanks and associated equipment at a site used to store or transfer crude oil, artificial crude or intermediates of fuel products into or out of a pipeline; or

(b) operating activities of a primary distribution installation normally equipped with floating roof tanks that receives gasoline by pipeline, railcar, marine vessel or directly from a refinery. « opérations de terminal »

“treatment” means subjecting the substance to physical, chemical, biological or thermal processes. « traitement »

“wood preservation” means the use of a preservative for the preservation of wood by means of heat or pressure treatment, or both, and includes the manufacture, blending, or reformulation of wood preservatives for that purpose. « préservation du bois »

SCHEDULE 3

Criteria for reporting

GENERAL

1. (1) This notice applies to any person who owns or operates a facility that meets one or more of the criteria listed in Part 1 to Part 5 of this schedule and that satisfies any of the following, during a given calendar year:

(a) is one at which any of the following activities take place, regardless of the number of hours worked by employees:

(i) non-hazardous solid waste incineration of 26 tonnes or more of waste, including, but not limited to, incineration with conical burners and beehive burners,

(ii) biomedical or hospital waste incineration of 26 tonnes or more of waste,

(iii) hazardous waste incineration,

(iv) sewage sludge incineration,

(v) wood preservation,

(vi) terminal operations,

(vii) discharge of treated or untreated wastewater from a wastewater collection system with an average discharge of 10 000 m³ or more per day into surface waters, or

(viii) production of 500 000 tonnes or more at pits or quarries;

(b) is one at which the employees work a total of 20 000 hours or more;

(c) is one for which the person is subject to the [*Chromium Electroplating, Chromium Anodizing and Reverse Etching Regulations*](#) (SOR/2009-162);

(d) is one at which the employees work a total of less than 20 000 hours and that meets the criteria of Part 4 of this schedule; or

(e) is a pipeline installation.

(2) Despite subsection (1), this notice does not apply to a facility if the only activities that take place at that facility during a given calendar year are

(a) exploration for oil or gas, or the drilling of oil or gas wells;

(b) discharge of treated or untreated wastewater from a wastewater collection system with an average discharge of less than 10 000 m³ per day into surface waters; or

(c) production of fewer than 500 000 tonnes at pits or quarries.

2. (1) In calculating the mass reporting thresholds set out in this schedule, a person subject to this notice shall exclude the quantity of a substance that is manufactured, processed or otherwise used in the following activities:

(a) education or training of students;

(b) research or testing;

(c) maintenance and repair of vehicles, where vehicles include automobiles, trucks, locomotives, ships or aircraft;

(d) distribution, storage, or retail sale of fuels, except as part of terminal operations;

(e) wholesale or retail sale of articles or products that contain the substance;

(f) retail sale of the substance;

(g) growing, harvesting, or management of a renewable natural resource;
or

(h) practice of dentistry.

(2) For the purpose of paragraph (1)(c), the painting and stripping of vehicles or their components, and the rebuilding or remanufacturing of vehicle components, are not to be excluded from the calculation of mass reporting thresholds in this schedule.

(3) Despite subsection (1), the quantity of a substance listed in Part 4 or Part 5 of Schedule 1 that is released to air as the result of combustion of fuel in stationary combustion equipment shall be included in calculating the mass reporting thresholds set out in Part 4 or Part 5 of this schedule.

(4) If one or more of the activities listed in subsection (1) are the only activities that take place at the facility, Part 1 to Part 3 of Schedule 3 and Schedule 4 do not apply.

3. (1) In calculating the mass reporting thresholds set out in this schedule, a person subject to this notice shall exclude the quantity of a substance that is

(a) manufactured, processed or otherwise used in the

(i) exploration for oil or gas, or the drilling of oil or gas wells,

(ii) discharge of treated or untreated wastewater from a wastewater collection system with an average discharge of less than 10 000 m³ per day into surface waters, or

(iii) production of less than 500 000 tonnes at pits or quarries; or

(b) contained in

(i) articles,

(ii) materials used as structural components of the facility, but not the process equipment,

(iii) materials used in janitorial or facility grounds maintenance,

(iv) materials used for personal use by employees or other persons,

(v) intake water or intake air, including, but not limited to, water used for process cooling or air used either as compressed air or for combustion,

(vi) unconsolidated overburden,

(vii) waste rock that is inert or clean according to the terms or conditions of a valid federal or provincial operating permit issued for the facility, or

(viii) components of tailings that are inert and inorganic and that are not reduced in size or otherwise physically or chemically altered during extraction, recovery or beneficiation.

(2) If there is no applicable permit as referenced in subparagraph (1)(b)(vii), a person subject to this notice shall exclude the quantity of a substance that is contained in waste rock if

(a) the concentration of sulphur in the waste rock is more than 0.2%, and the ratio of neutralizing potential to acid-generating potential is 3:1 or more; or

(b) the concentration of sulphur in the waste rock is 0.2% or less.

(3) Despite subparagraph (1)(b)(vii) and subsection (2), a person subject to this notice shall not exclude the quantity of arsenic contained in waste rock if the concentration of arsenic in the waste rock is more than 12 mg of arsenic per kilogram of waste rock.

(4) Despite subsections (1), (2) and (3), a quantity of a substance released to air or surface waters from materials listed under subparagraphs (1)(b)(vi) through (viii) shall be included in the calculation of the mass reporting thresholds.

4. (1) For the purpose of this notice, disposal of a substance is to be construed as its

(a) final disposal to landfill, land application or underground injection, either on-site or off-site;

(b) transfer off-site for storage or treatment prior to final disposal; or

(c) movement into an area where tailings or waste rock are discarded or stored, and further managed to reduce or prevent releases to air, water or land, either on-site or off-site.

(2) The quantity of a substance disposed of shall be included in the calculation of the mass reporting thresholds for parts 1 and 2 of this schedule.

(3) The disposal of a substance is not to be included as a release.

5. The person who owns or operates the facility as of December 31 of a given calendar year shall report for that entire calendar year. If operations at a facility are terminated, the last owner or operator of that facility is required to report for the portion of the calendar year during which the facility was in operation.

PART 1

CRITERIA FOR REPORTING SUBSTANCES LISTED IN PART 1 OF SCHEDULE 1

6. (1) A person subject to this notice shall report information with respect to a given calendar year, pertaining to a contiguous facility or an offshore installation in relation to a substance listed in Part 1 of Schedule 1, whether or not there is a release, disposal or transfer off-site for recycling of the substance, if, during that calendar year,

(a) employees at that facility work a total of 20 000 hours or more or an activity listed in paragraph 1(1)(a) of this schedule takes place at that facility; and

(b) the substance is manufactured, processed or otherwise used

- (i) in a quantity equal to or greater than the applicable mass reporting threshold set out in column 2 of Table 1, and
- (ii) at a concentration equal to or greater than the applicable concentration by weight set out in column 3 of Table 1, or regardless of concentration if there is no corresponding value in that column for the substance.

(2) For the purpose of paragraph (1)(b), the quantity of a substance that is a by-product or is contained in tailings shall be included in the calculation of the mass reporting threshold set out in column 2 of Table 1, regardless of concentration.

(3) For the purpose of paragraph (1)(b), the quantity of a substance, including a by-product, contained in waste rock shall be included in the calculation of the mass reporting threshold set out in column 2 of Table 1 if it is at a concentration equal to or greater than 1% concentration by weight for Part 1, Group A substances, or regardless of concentration for Part 1, Group B substances.

7. Despite subsection 6(1), a person subject to the [Chromium Electroplating, Chromium Anodizing and Reverse Etching Regulations](#) (SOR/2009-162) for a facility during a given calendar year shall report information pertaining to that facility, with respect to that calendar year, in relation to hexavalent chromium (and its compounds).

Table 1: Mass reporting threshold and concentration by weight for substances listed in Part 1 of Schedule 1

Item	Column 1	Column 2	Column 3
	Substances in Part 1 of Schedule 1	Mass reporting threshold	Concentration by weight

1.	Group A substances	10 t	1%
2.	Acrylonitrile	1 000 kg	0.1%
3.	Arsenic (and its compounds)	50 kg	0.1%
4.	Azo disperse dyes	10 kg	0.1%
5.	1,4-Benzenediamine, <i>N,N'</i> -mixed phenyl and tolyl derivatives	50 kg	1%
6.	Bisphenol A	100 kg	1%
7.	Cadmium (and its compounds)	5 kg	0.1%
8.	Chlorinated alkanes, medium-chain, $C_nH_xCl_{(2n+2-x)}$, $14 \leq n \leq 17$	1 000 kg	1%
9.	Chlorinated alkanes, long-chain, $C_nH_xCl_{(2n+2-x)}$, $18 \leq n \leq 20$	1 000 kg	1%
10.	Cobalt (and its compounds)	50 kg	0.1%
11.	Hexavalent chromium (and its compounds)	50 kg	0.1%
12.	Hydrazine (and its salts)	1 000 kg	1%
13.	Isoprene	100 kg	1%
14.	Lead (and its compounds)	50 kg	0.1%
15.	Mercury (and its compounds)	5 kg	N/A

16.	Nonylphenol and its ethoxylates	1 000 kg	1%
17.	2-Propanone, reaction products with diphenylamine	50 kg	1%
18.	Selenium (and its compounds)	100 kg	0.000005%
19.	Tetraethyl lead	50 kg	0.1%
20.	Thallium (and its compounds)	100 kg	1%
21.	Toluene-2,4-diisocyanate	100 kg	0.1%
22.	Toluene-2,6-diisocyanate	100 kg	0.1%
23.	Toluenediisocyanate (mixed isomers)	100 kg	0.1%

PART 2

CRITERIA FOR REPORTING SUBSTANCES LISTED IN PART 2 OF SCHEDULE 1

8. A person subject to this notice shall report information with respect to a given calendar year, pertaining to a contiguous facility, a portable facility or an offshore installation in relation to substances listed in Part 2 of Schedule 1 if, during that calendar year,

(a) employees at that facility work a total of 20 000 hours or more or an activity listed in paragraph 1(1)(a) of this schedule takes place at that facility; and

(b) the total quantity of all substances listed in Part 2 of Schedule 1 released, disposed of, or transferred off-site for recycling, as a result of incidental manufacture or as a result of the generation of tailings, is 50 kg or more.

9. Despite section 8, a person subject to this notice shall report information with respect to a given calendar year, pertaining to a contiguous facility in relation to substances listed in Part 2 of Schedule 1 if, during that calendar year,

- (a) wood preservation using creosote takes place at the facility; and
- (b) the substance is released, disposed of, or transferred off-site for recycling as a result of wood preservation using creosote.

PART 3

CRITERIA FOR REPORTING SUBSTANCES LISTED IN PART 3 OF SCHEDULE 1

10. A person subject to this notice shall report information with respect to a given calendar year, pertaining to a contiguous facility, a portable facility or an offshore installation in relation to substances listed in Part 3 of Schedule 1 if, during that calendar year,

(a) one or more of the following activities take place at that facility, regardless of the number of hours worked by employees:

- (i) non-hazardous solid waste incineration of 26 tonnes or more of waste, including, but not limited to, incineration with conical burners and beehive burners,
- (ii) biomedical or hospital waste incineration of 26 tonnes or more of waste,
- (iii) hazardous waste incineration,
- (iv) sewage sludge incineration, or
- (v) wood preservation using pentachlorophenol; or

(b) employees at that facility work a total of 20 000 hours or more and one or more of the following activities take place at that facility:

- (i) base metals smelting,
- (ii) smelting of secondary aluminum,
- (iii) smelting of secondary lead,
- (iv) production of iron ore pellets using an induration furnace or manufacturing of sinter using the iron sintering process,
- (v) operation of electric arc furnaces in steel foundries,
- (vi) operation of electric arc furnaces in steel manufacturing,
- (vii) production of magnesium,
- (viii) manufacturing of Portland cement,
- (ix) production of chlorinated organic solvents or chlorinated monomers,
- (x) combustion of fossil fuel in a boiler unit with a nameplate capacity of 25 MW of electricity or greater, for the purpose of producing steam for the production of electricity,
- (xi) combustion of hog fuel originating from logs that were transported or stored in salt water in the pulp and paper sector,
- (xii) combustion of fuel in kraft liquor boilers used in the pulp and paper sector, or
- (xiii) titanium dioxide pigment production using the chloride process.

PART 4

CRITERIA FOR REPORTING SUBSTANCES LISTED IN PART 4 OF SCHEDULE 1

11. (1) A person subject to this notice shall report information with respect to a given calendar year, in relation to a substance listed in Part 4 of Schedule 1 if, during that calendar year, the substance is released to air from a facility in a

quantity equal to or greater than the mass reporting threshold set out in column 2 of Table 2 for that substance.

(2) Despite subsection (1), a person subject to this notice shall report information pertaining to a facility classified under the North American Industry Classification System (NAICS) 2017 version 2.0 Canada code 211110 [Oil and gas extraction (except oil sands)], excluding compressor stations, where employees work a total of less than 20 000 hours, with respect to a given calendar year, in relation to all substances listed in Part 4 of Schedule 1 if, during that calendar year, at least one Part 4 substance is released to air from the facility in a quantity equal to or greater than the mass reporting threshold set out in column 2 of Table 2 for that substance.

(3) Despite subsections (1) and (2), a person subject to this notice shall report information pertaining to a light or medium crude oil battery with an annual oil throughput of 1 900 m³ or more, where employees work a total of less than 20 000 hours, with respect to a given calendar year, in relation to volatile organic compounds.

12. For the purpose of section 11, a person subject to this notice shall include releases to air from road dust of PM_{2.5}, PM₁₀ and total particulate matter for the calculation of the mass reporting thresholds set out in this part if vehicles travelled more than 10 000 vehicle-kilometres on unpaved roads at the contiguous facility.

13. For the purpose of section 11 and despite section 12, the person shall include only the quantity of the substance released to air from the combustion of fuel in a stationary combustion equipment at the facility when calculating the mass reporting threshold for that substance, if, during the calendar year,

(a) the facility is a contiguous facility, a portable facility or an offshore installation where employees work a total of less than 20 000 hours, but

not one at which an activity listed in paragraph 1(1)(a) of this schedule takes place;

(b) the facility is a pipeline installation; or

(c) one or more of the activities listed in section 2 of this schedule are the only activities that take place at that facility.

14. Despite subsection 11(1), the person is not required to report information pertaining to a given calendar year, in relation to a substance listed in Part 4 of Schedule 1 if, during that calendar year, the substance is released to air exclusively from stationary external combustion equipment, where

(a) the cumulative nameplate capacity of the equipment is less than 10 million British thermal units per hour; and

(b) the only type of fuel combusted in the equipment is commercial grade natural gas, liquefied petroleum gas, Number 1 or 2 fuel oil or any combination thereof.

Table 2: Mass reporting threshold for substances listed in Part 4 of Schedule 1

Item	Column 1	Column 2
	Substance in Part 4 of Schedule 1	Mass reporting threshold
1.	Carbon monoxide	20 t
2.	Nitrogen oxides	20 t
3.	PM _{2.5}	0.3 t
4.	PM ₁₀	0.5 t

5.	Sulphur dioxide	20 t
6.	Total particulate matter	20 t
7.	Volatile organic compounds	10 t

PART 5

CRITERIA FOR REPORTING SUBSTANCES LISTED IN PART 5 OF SCHEDULE 1

15. (1) A person subject to this notice shall report information with respect to a given calendar year, in relation to a substance listed in Part 5 of Schedule 1 if, during that calendar year, the criteria under subsection 11(1) are satisfied for volatile organic compounds and the substance is released to air in a quantity of one tonne or more.

(2) Despite subsection (1), a person subject to this notice shall report information with respect to a given calendar year, in relation to benzene, if, during that calendar year, the criteria under subsection 11(2) or 11(3) are satisfied.

16. For the purpose of section 15, the person shall include only the quantity of the substance released to air from the combustion of fuel in a stationary combustion equipment at the facility when calculating the mass reporting threshold for that substance, if, during the calendar year,

(a) the facility is a contiguous facility, a portable facility, or an offshore installation where employees work a total of less than 20 000 hours, but not one at which an activity listed in paragraph 1(1)(a) of this schedule takes place;

(b) the facility is a pipeline installation; or

(c) one or more of the activities listed in section 2 of this schedule are the only activities that take place at that facility.

SCHEDULE 4

Information required by this notice and manner of reporting

GENERAL

1. (1) If a person subject to this notice is required by federal or provincial legislation or a municipal by-law to measure or monitor releases, disposals or transfers off-site for recycling of any of the substances set out in Schedule 1 of this notice, the person shall use those data to report in response to this notice.

(2) Despite subsection (1), all releases, disposals and transfers must be reported for a substance for which the criteria of Schedule 3 have been satisfied, regardless of whether they are measured, monitored or calculated using other methods of estimation, unless otherwise specified in this schedule.

2. If the person is not subject to any of the requirements described in subsection 1(1) of this schedule, the person shall report information by using one of the following methods: continuous emission monitoring, predictive emission monitoring, source testing, mass balance, published emission factors, site-specific emission factors, or engineering estimates.

3. If a person subject to this notice is not required to include a quantity of a substance when calculating the mass reporting threshold pursuant to section 2, 3 or 12 or subsection 6(3) of Schedule 3, the person is not required to report information in respect of those quantities of the substance when reporting under this schedule.

4. If information in relation to a substance was submitted for the previous calendar year, but none of the criteria for reporting that substance are met for the current calendar year, a person subject to this notice shall provide the

reason the substance does not meet the criteria in the current calendar year. If the reason that the criteria are not met for that substance is due to pollution prevention activities, this must be specified.

5. A person subject to this notice shall provide a Statement of Certification or electronic certification certifying that the information is true, accurate and complete or shall authorize another person to act on their behalf and so certify using the Statement of Certification or electronic certification.

6. A person subject to this notice shall provide the information required in this schedule, for each calendar year for which the criteria in Schedule 3 have been satisfied, using the online reporting system or by mail sent to the address provided in this notice. The required information shall be reported separately by facility.

FACILITY INFORMATION

7. A person subject to this notice shall report the following information in respect of a facility:

- (a) the facility name and the address of its physical location;
- (b) the legal and trade name of the person who owns or operates the facility, their mailing address, their Dun and Bradstreet number (if applicable), and their federal Business Number as assigned by the Canada Revenue Agency;
- (c) the legal name or names of the Canadian parent companies (if any), their civic addresses, percentage of ownership, Dun and Bradstreet number (if applicable), and federal Business Number as assigned by the Canada Revenue Agency;
- (d) the name, position, email address and telephone number of the person who

(i) is the technical contact,

(ii) is the contact for the public (if any),

(iii) is coordinating the submission of the report (if any), and

(iv) owns or operates the facility subject to this notice, or the company official authorized to act on their behalf pursuant to section 5 of this schedule;

(e) if an independent contractor completed the report, the name, company name, email address, and telephone number of the independent contractor;

(f) the National Pollutant Release Inventory (NPRI) identification number;

(g) the primary, secondary and tertiary six-digit North American Industry Classification System (NAICS) Canada code;

(h) the provincial licence number or numbers or the provincial identification number or numbers for a facility classified under NAICS Canada code 211110 [Oil and gas extraction (except oil sands)];

(i) the number of full-time employee equivalents;

(j) the latitude and longitude coordinates of the facility if the facility is portable or the person is reporting in respect of the facility for the first time;

(k) identification of the activities listed in paragraph 1(1)(a) of Schedule 3 that take place at the facility;

(l) identification of the activities listed in section 10 of Schedule 3 that take place at the facility;

(m) identification of whether or not wood preservation using creosote takes place at the facility;

- (n) identification of whether or not the person is required to report one or more substances listed in Part 4 of Schedule 1 and, if reporting is required,
- (i) the usual daily and weekly operating schedule of the facility, and
 - (ii) any periods of time longer than one week when operations at the facility are shut down, whether the shutdown period was complete or partial and whether the shutdown period is an annually recurring event;
- (o) identification of whether, during the calendar year, the person subject to the notice prepared or implemented a pollution prevention plan, and if so, whether the pollution prevention plan
- (i) was required by a notice published under Part 4 of the *Canadian Environmental Protection Act, 1999*, and, if so, the name of the notice,
 - (ii) was prepared or implemented for another government or under another Act of Parliament, and, if so, the name of the jurisdiction and the name of the program or requirement,
 - (iii) was prepared or implemented on a voluntary basis,
 - (iv) in respect of the 2020 calendar year, was updated, and
 - (v) in respect of the 2020 calendar year, addressed substances, energy conservation or water conservation; and
- (p) any pollution prevention activities undertaken by the facility during the calendar year, listed separately according to the following:
- (i) substituting materials,
 - (ii) redesigning or reformulating products,
 - (iii) changing equipment or processes,
 - (iv) preventing spills and leaks,
 - (v) recovering, reusing and repairing on-site,

- (vi) changing inventory and buying practices,
- (vii) changing operating practices and providing training,
- (viii) undertaking modifications, procedures or practices other than any set out in the preceding subparagraphs (specify), or
- (ix) not undertaking pollution prevention activities, and if so, the reason no pollution prevention activities were undertaken; and

(q) in respect of the 2021 calendar year, identification of the substances listed in parts 1 through 4 of Schedule 1 for which the pollution prevention activities identified in subparagraphs (p)(i) through (viii) were undertaken.

PART 1

INFORMATION TO PROVIDE RESPECTING SUBSTANCES LISTED IN PART 1 OF SCHEDULE 1

8. A person subject to this notice shall report the following information, with respect to a given calendar year, in respect of each substance listed in Part 1 of Schedule 1 for which the criteria in Part 1 of Schedule 3 have been satisfied:

- (a) the identity of the substance, including, if applicable, its CAS RN;
- (b) the nature of the manufacturing, if applicable, listed separately by on-site use or processing, for sale or distribution, as a by-product, or as an impurity;
- (c) the nature of the processing, if applicable, listed separately as a reactant, as a formulation component, as an article component, for repackaging only, or as a by-product;
- (d) the nature of the other use, if applicable, listed separately as a physical or chemical processing aid, as a manufacturing aid, for ancillary or other use, or as a by-product;

(e) the quantity released to air, stated separately by stack or point releases, storage or handling releases, fugitive releases, spills or other non-point releases;

(f) for each electricity generation unit with a capacity of 25 MW or more,

(i) the quantity of mercury released to air during the 2020 calendar year, if 33% or more of the potential electrical output of the unit is distributed or sold to the grid in the 2018, 2019 or 2020 calendar year,

(ii) the quantity of mercury released to air during the 2021 calendar year, if 33% or more of the potential electrical output of the unit is distributed or sold to the grid in the 2019, 2020 or 2021 calendar year, and

(iii) if the criteria of subparagraph (i) or (ii) are satisfied, the gross generating capacity in megawatts, the commissioning year, and the technology or fuel type of the electricity generation unit, identification of any operating air pollutant controls, and an indication of whether emissions from secondary combustion sources are included in the quantity reported pursuant to subparagraph (i) or (ii);

(g) the quantity released to surface waters, stated separately by direct discharges, spills, or leaks, and the name of, and quantity released to, each receiving surface water body;

(h) the quantity released to land, including surface or underground releases, stated separately by spills, leaks, or other releases to land that are not disposals (the nature of other releases must be specified);

(i) the quantity disposed of on-site to landfill, land application, or underground injection, stated separately by landfill, land application, or underground injection;

(j) the net quantity disposed of on-site to an area where tailings or waste rock are discarded or stored, and further managed, taking into account any additions or removals of the substance from the area, stated separately by tailings management area or waste rock management area;

(k) the quantity transferred off-site for disposal, stated separately by landfill, land application, underground injection, tailings management area, waste rock management area, or storage, and the name and street address of, and the quantity transferred to, each receiving facility;

(l) the quantity transferred off-site for treatment prior to final disposal, stated separately by physical treatment, chemical treatment, biological treatment, incineration or thermal treatment, or treatment in a municipal sewage treatment plant, and the name and street address of, and the quantity transferred to, each receiving facility;

(m) the quantity transferred off-site for recycling, stated separately by energy recovery, recovery of solvents, recovery of organic substances (not solvents), recovery of metals and metal compounds, recovery of inorganic materials (not metals), recovery of acids or bases, recovery of catalysts, recovery of pollution abatement residues, refining or reuse of used oil, or other, and the name and street address of, and the quantity transferred to, each receiving facility;

(n) the method used to determine the quantities referred to in paragraphs (e) through (m), listed separately by continuous emission monitoring, predictive emission monitoring, source testing, mass balance, published emission factors, site-specific emission factors, or engineering estimates;

(o) the concentration of the substance released to surface waters under paragraph (g);

- (p) the concentration of the substance in tailings or waste rock disposed of or transferred off-site for disposal under paragraphs (j) and (k);
- (q) if the quantity of a substance contained in waste rock is excluded pursuant to section 3 of Schedule 3, the relevant permit number, name of issuing authority, applicable provisions, and date issued, or the concentration of sulphur, and, if applicable, the ratio of neutralizing potential to acid-generating potential, for the waste rock that is excluded;
- (r) the quarterly breakdown of total releases referred to in paragraphs (e), (g) and (h), by percentage;
- (s) the reasons for changes in quantities of releases referred to in paragraphs (e), (g) and (h), of disposals referred to in paragraphs (i) through (l) and of transfers off-site for recycling referred to in paragraph (m) from the previous year; and
- (t) the reasons for disposals and the reasons for transfers off-site for recycling.

9. For the purpose of section 8, in respect of total reduced sulphur, the person shall only report the information identified in section 8, paragraphs (a) through (e), (n), (r) and (s).

10. Despite section 8, paragraphs (e), (g) and (h), a person subject to this notice may report releases to air, water and land as total releases, in respect of a substance listed in Schedule 1, Part 1, Group A, if the total releases to all media are less than one tonne.

11. A person subject to this notice shall report information in respect of a substance listed in

- (a) Group A in Part 1 of Schedule 1 in tonnes; or
- (b) Group B in Part 1 of Schedule 1 in kilograms.

PART 2

INFORMATION TO PROVIDE RESPECTING SUBSTANCES LISTED IN PART 2 OF SCHEDULE 1

12. If the criteria in Part 2 of Schedule 3 have been satisfied, a person subject to this notice shall report the information required in section 8, paragraphs (a) through (e) and (g) through (t), of this schedule in respect of substances listed in Part 2 of Schedule 1, with respect to a given calendar year, in kilograms, and in accordance with the following:

(a) if information on an individual substance is available, and that substance is released, disposed of, or transferred off-site for recycling in a quantity of 5 kg or more, the person shall report information in respect of the individual substance; or

(b) if information on individual substances is not available, the person shall report the information as total unspciated polycyclic aromatic hydrocarbons.

13. For the purpose of section 12, the person shall only report information relating to incidental manufacture, generation of tailings, or wood preservation using creosote.

PART 3

INFORMATION TO PROVIDE RESPECTING SUBSTANCES LISTED IN PART 3 OF SCHEDULE 1

14. (1) A person subject to this notice shall report, with respect to a given calendar year, the information required in section 8, paragraphs (a) through (e) and (g) through (t), of this schedule in respect of substances listed in Part 3 of Schedule 1, if the criteria in Part 3 of Schedule 3 have been satisfied.

(2) For the purpose of this part, the toxic equivalent shall be the sum of the masses or concentrations of individual congeners of polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans multiplied by weighting factors set out in column 3 of Table 3.

15. For the purpose of section 14, the person shall only report information relating to the incidental manufacture of the substance from activities identified in section 9 of Schedule 3 or the presence of the substance as a contaminant in pentachlorophenol used for wood preservation.

16. In respect of the information required under section 8, paragraphs (e) and (g) through (m), pursuant to section 14, if the method of estimation is monitoring or source testing, a person subject to this notice shall indicate whether the concentration of the substance is less than, equal to or greater than the estimated level of quantification set out in section 18 for that substance in the corresponding medium.

17. If the method of estimation is monitoring or source testing, and the concentration of the substance is less than the estimated level of quantification set out in section 18 for that substance in the corresponding medium, the information requirements of section 8, paragraphs (e) and (g) through (m), pursuant to section 14, do not apply for that substance.

18. For the purpose of sections 16 and 17, the estimated level-of-quantification values for substances listed in Part 3 of Schedule 1 are

(a) 32 picograms toxic equivalent of dioxins and furans per cubic metre of gaseous material;

(b) 20 picograms toxic equivalent of dioxins and furans per litre of liquid material;

(c) 9 picograms toxic equivalent of dioxins and furans per gram of solid material;

(d) 6 nanograms of hexachlorobenzene per cubic metre of gaseous material;

(e) 70 nanograms of hexachlorobenzene per litre of liquid material; and

(f) 2 nanograms of hexachlorobenzene per gram of solid material.

19. A person subject to this notice shall report information in respect of substances listed in Part 3 of Schedule 1, in accordance with the following:

(a) if information on individual substances is available, the person shall report information in respect of the individual substances in grams;

(b) if information on total dioxins and furans is available, but information on individual substances is not available, the person shall report total dioxins and furans in grams toxic equivalent; or

(c) if no information is available to determine a quantity required to be reported for a substance, the person shall report “no information available” for that quantity.

Table 3: Toxicity equivalent weighting factors for dioxins and furans listed in Part 3 of Schedule 1

Item	Column 1	Column 2	Column 3
	Substance in Part 3 of Schedule 1	CAS Registry Number [†]	Toxicity equivalent weighting factor
1.	2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin	1746-01-6	1
2.	1,2,3,7,8-Pentachlorodibenzo- <i>p</i> -dioxin	40321-76-4	1
3.	1,2,3,4,7,8-Hexachlorodibenzo- <i>p</i> -dioxin	39227-28-6	0.1

4.	1,2,3,7,8,9- Hexachlorodibenzo- <i>p</i> -dioxin	19408-74-3	0.1
5.	1,2,3,6,7,8- Hexachlorodibenzo- <i>p</i> -dioxin	57653-85-7	0.1
6.	1,2,3,4,6,7,8- Heptachlorodibenzo- <i>p</i> -dioxin	35822-46-9	0.01
7.	Octachlorodibenzo- <i>p</i> -dioxin	3268-87-9	0.0003
8.	2,3,7,8- Tetrachlorodibenzofuran	51207-31-9	0.1
9.	2,3,4,7,8- Pentachlorodibenzofuran	57117-31-4	0.3
10.	1,2,3,7,8- Pentachlorodibenzofuran	57117-41-6	0.03
11.	1,2,3,4,7,8- Hexachlorodibenzofuran	70648-26-9	0.1
12.	1,2,3,7,8,9- Hexachlorodibenzofuran	72918-21-9	0.1
13.	1,2,3,6,7,8- Hexachlorodibenzofuran	57117-44-9	0.1
14.	2,3,4,6,7,8- Hexachlorodibenzofuran	60851-34-5	0.1
15.	1,2,3,4,6,7,8- Heptachlorodibenzofuran	67562-39-4	0.01

16.	1,2,3,4,7,8,9- Heptachlorodibenzofuran	55673-89-7	0.01
17.	Octachlorodibenzofuran	39001-02-0	0.0003

‡ The Chemical Abstracts Service Registry Number (CAS RN) is the property of the American Chemical Society, and any use or redistribution, except as required in supporting regulatory requirements and/or for reports to the Government of Canada when the information and the reports are required by law or administrative policy, is not permitted without the prior, written permission of the American Chemical Society.

PART 4

INFORMATION TO PROVIDE RESPECTING SUBSTANCES LISTED IN PART 4 OF SCHEDULE 1

20. A person subject to this notice shall report the following information, with respect to a given calendar year, in respect of each substance listed in Part 4 of Schedule 1 for which the criteria in Part 4 of Schedule 3 have been satisfied:

- (a) the identity of the substance, including, if applicable, its CAS RN;
- (b) the quantity released to air, stated separately by stack or point releases, storage or handling releases, fugitive releases, spills, road dust or other non-point releases;
- (c) for each stack with a height of 50 m or more above grade, if the substance is released to air from the stack in a quantity equal to or greater than the minimum quantity set out in column 2 of Table 4 corresponding to that substance,
 - (i) the quantity of the substance that is released from the stack, and

(ii) the stack height above grade, the equivalent diameter of the stack, the average exit velocity of the release, the average exit temperature of the release, the provincial identification number of the stack, if applicable, and the latitude and longitude coordinates of the stack;

(d) for each electricity generation unit with a capacity of 25 MW or more,

(i) the quantity of the substance listed in Part 4 of Schedule 1 released to air during the 2020 calendar year, if 33% or more of the potential electrical output of the unit is distributed or sold to the grid in the 2018, 2019 or 2020 calendar year,

(ii) the quantity of the substance listed in Part 4 of Schedule 1 released to air during the 2021 calendar year, if 33% or more of the potential electrical output of the unit is distributed or sold to the grid in the 2019, 2020 or 2021 calendar year, and

(iii) if the criteria of subparagraph (i) or (ii) are satisfied, the gross generating capacity in megawatts, the commissioning year, and the technology or fuel type of the electricity generation unit, the identification of any operating air pollutant controls, and an indication of whether emissions from secondary combustion sources are included in the quantity reported pursuant to subparagraph (i) or (ii);

(e) the method used to determine the quantities reported pursuant to paragraphs (b) through (d) listed separately by continuous emission monitoring, predictive emission monitoring, source testing, mass balance, published emission factors, site-specific emission factors, or engineering estimates;

(f) the monthly breakdown of releases to air by percentage; and

(g) the reasons for changes in quantities of releases to air from the previous year.

Table 4: Minimum quantity released from stack

Item	Column 1	Column 2
	Substance name	Minimum quantity released from stack
1.	Carbon monoxide	5 t
2.	Nitrogen oxides	5 t
3.	PM _{2.5}	0.15 t
4.	PM ₁₀	0.25 t
5.	Sulphur dioxide	5 t
6.	Total particulate matter	5 t
7.	Volatile organic compounds	5 t

21. For the purpose of section 20 of this schedule,

(a) if the criteria of subsection 11(1) of Schedule 3, but not the criteria of section 13 of Schedule 3, have been satisfied, the person subject to this notice shall report information on all quantities of the substance released to air;

(b) if the criteria of subsection 11(1) and section 13 of Schedule 3 have been satisfied, the person subject to this notice shall report information on quantities of the substance released to air from stationary combustion equipment only;

(c) if the criteria of subsection 11(2) of Schedule 3 have been satisfied, the person subject to this notice shall report information on all quantities of the

substances released to air; and

(d) if the criteria of subsection 11(3) of Schedule 3 have been satisfied, the person subject to this notice shall report information on quantities of volatile organic compounds released to air from storage tanks only.

22. A person subject to this notice shall report information in respect of a substance listed in Part 4 of Schedule 1 in tonnes.

PART 5

INFORMATION TO PROVIDE RESPECTING SUBSTANCES LISTED IN PART 5 OF SCHEDULE 1

23. A person subject to this notice shall report the following information, with respect to a given calendar year, in respect of each substance listed in Part 5 of Schedule 1 for which the criteria in Part 5 of Schedule 3 have been satisfied:

(a) the identity of the substance, including, if applicable, its CAS RN;

(b) the quantity released to air, from each stack with a height of 50 m or more, if the quantity of volatile organic compounds released to air from the stack is 5 tonnes or more; and

(c) the quantity of all other releases to air, excluding those quantities reported under paragraph (b).

24. For the purpose of section 23 of this schedule,

(a) if the criteria of subsection 15(1) of Schedule 3, but not the criteria of section 16 of Schedule 3, have been satisfied, the person subject to this notice shall report information on all quantities of the substance released to air;

(b) if the criteria of subsection 15(1) and section 16 of Schedule 3 have been satisfied, the person subject to this notice shall report information on

quantities of the substance released to air from stationary combustion equipment only;

(c) if the criteria of subsections 11(2) and 15(1) of Schedule 3 have been satisfied, the person subject to this notice shall report information on all quantities of the substance released to air;

(d) if the criteria of subsections 11(2) and 15(2) of Schedule 3 have been satisfied, the person subject to this notice shall report information on all quantities of benzene to air; and

(e) if the criteria of subsections 11(3) and 15(2) of Schedule 3 have been satisfied, the person subject to this notice shall report information on quantities of benzene released to air from storage tanks only.

25. A person subject to this notice shall report information in respect of a substance listed in Part 5 of Schedule 1 in tonnes.

EXPLANATORY NOTE

(This note is not part of the notice.)

Users should take note that this notice sets out the requirements for reporting to the NPRI for two individual calendar years — 2020 and 2021. Information for the 2020 calendar year must be submitted by June 1, 2021. Information for the 2021 calendar year must be submitted by June 1, 2022.

Users of this notice should take note of the changes to reporting requirements, as described below, which are in effect as of the 2020 and 2021 calendar years. Consultations were undertaken with respect to these changes. Information on the rationale for these changes is available on the NPRI website or by contacting the NPRI.

Changes to reporting requirements in effect as of the 2020 calendar year

Deletion of substances

Two substances have been deleted from the Part 1, Group A, list:

- C.I. Disperse Yellow 3 (CAS RN 2832-40-8)
- Decabromodiphenyl oxide (CAS RN 1163-19-5)

Three substances have been deleted from the Part 5 list:

- Adipic acid (CAS RN 124-04-9)
- Heavy alkylate naphtha (CAS RN 64741-65-7)
- White mineral oil (CAS RN 8042-47-5)

Change to previously listed substance

- All isomers of propylene glycol methyl ether acetate (CAS RN 108-65-6) must now be reported

Addition of substances

One substance has been added to the Part 1, Group A list:

- Naphthenic acid fraction compounds and their salts (no specific CAS RN applies)

Three substances have been added to the Part 1, Group B, list:

- 2-Propanone, reaction products with diphenylamine, also known as PREPOD (CAS RN 68412-48-6)
- 1,4-Benzenediamine, *N,N'*-mixed phenyl and tolyl derivatives, also known as BENPAT (CAS RN 68953-84-4)
- Azo disperse dyes (27 CAS RNs apply)

Changes to the requirements for reporting Part 3 substances

Facilities that produce iron ore pellets using an induration furnace are now required to report for dioxins, furans and hexachlorobenzene.

The toxic equivalency factors for five dioxin and furan congeners have been updated:

- 1,2,3,7,8-Pentachlorodibenzo-*p*-dioxin (CAS RN 40321-76-4)
- Octachlorodibenzo-*p*-dioxin (CAS RN 3268-87-9)
- 2,3,4,7,8-Pentachlorodibenzofuran (CAS RN 57117-31-4)
- 1,2,3,7,8-Pentachlorodibenzofuran (CAS RN 57117-41-6)
- Octachlorodibenzofuran (CAS RN 39001-02-0)

Changes to reporting requirements in effect as of the 2021 calendar year

Pollution prevention information

There are no changes to the requirements for reporting facility-level pollution prevention information between the 2019 and 2020 reporting years. Beginning with the 2021 calendar year, facilities will be required to link their pollution prevention activities to specific substances.

Changes to reporting requirements planned for the 2022 calendar year

Environment and Climate Change Canada intends to make changes to the reporting requirements for Part 4 and 5 substances beginning with the 2022 calendar year, including, among other changes,

- Requiring reporting from more individual stacks by lowering the stack height threshold and increasing the stack air release thresholds;
- Requiring stack or point releases of criteria air contaminants and speciated volatile organic compounds to be reported separately by

combustion and non-combustion sources; and

- Requiring the fuel type(s) associated with combustion releases to be reported.

Environment and Climate Change Canada intends to consult on how to implement these changes in advance of the publication of the reporting requirements for 2022–2023. Users of this notice that are interested in more information on these changes can visit the [NPRI website](#) or contact the NPRI at ec.inrp-npri.ec@canada.ca.

The National Pollutant Release Inventory — Background information

The NPRI is Canada’s legislated, publicly accessible inventory of pollutant releases, disposals and recycling. It includes information collected from facilities under the authority of section 46 of the *Canadian Environmental Protection Act, 1999* (the “Act”).

The Act contains information-gathering provisions, that allow the Minister of the Environment to require reporting of information on certain substances. The provisions also require the Minister to establish and publish a national inventory of releases of pollutants. These provisions under the Act form the primary legislative basis for the NPRI.

For the latest reporting year, over 7 500 industrial, commercial and other facilities reported to Environment and Climate Change Canada on their releases, disposals and transfers for recycling of more than 300 substances of concern.

The NPRI is a key part of the Government of Canada’s efforts to track toxic substances and other substances of concern. It is a key tool for identifying and monitoring sources of pollution in Canada, as well as for developing indicators for the quality of air, water and land. Information collected through the NPRI is

used as part of the comprehensive Air Pollutant Emissions Inventory and for chemicals management initiatives, and it is made publicly available to Canadians each year. Public access to the NPRI motivates industry to prevent and reduce pollutant releases. NPRI data helps the Government of Canada to track progress in pollution prevention, evaluate releases and transfers of substances of concern, identify environmental priorities, conduct air quality modelling, and implement policy initiatives and risk management measures.

For more information on the NPRI, including guidance documents, annual data highlights and overview reports, and access to the NPRI data in a variety of formats, including an online search and databases, please visit the [NPRI website](#).

Input from stakeholders and other interested parties on the NPRI is welcome. Contact information is provided at the beginning of this notice.

Reporting to the National Pollutant Release Inventory

Reporting requirements outlined in this notice are collected via [Environment and Climate Change Canada's Single Window reporting system](#).

For those who meet the requirements of this notice, reporting is mandatory. Obtaining the relevant guidance documents is the responsibility of the person required to report under this notice. Visit the [NPRI website](#) or contact Environment and Climate Change Canada at the address provided at the beginning of this notice for guidance documents.

Changes to contacts, ownership and reported information

It is important that contact and ownership information be kept up to date and any errors in submitted data be corrected in a timely manner, so that the information provided by the NPRI continues to be relevant and accurate.

Therefore, persons who submitted reports for a previous year are strongly encouraged to update their information, through the Single Window reporting system or by contacting Environment and Climate Change Canada directly, if

- there has been a change in the name, telephone number, or email address of the contacts identified for the facility since the submission of the report for the previous year;
- there is a change in the owner or operator of a facility for which a report has been submitted for the previous year; or
- the person becomes aware that the information submitted for any previous year was mistaken or inaccurate.

If a person is providing an update to previously submitted information, the person should indicate the reason the information is being updated.

Obligation to comply with the *Canadian Environmental Protection Act, 1999*

Compliance with the Act is mandatory and specific offences are established by subsection 272.1(1) of the Act. Subsections 272.1(2), (3) and (4) of the Act set the penalties for persons who contravene section 46 of the Act. Offences include the offence of failing to comply with an obligation arising from the present notice and the offence of providing false or misleading information. Penalties include fines, and the amount of the fine can range from a maximum of \$25,000 for an individual convicted following summary proceedings to a maximum of \$500,000 for a large corporation convicted on indictment. The maximum fines are doubled for second or subsequent offences.

The current text of the [Act](#), including the most recent amendments, is available on Justice Canada's website.

The Act is enforced in accordance with the [compliance and enforcement policy](#) for the *Canadian Environmental Protection Act, 1999*. Suspected violations under the Act can be reported to the Enforcement Branch by email at ec.enviroinfo.ec@canada.ca.

Footnotes

- † The Chemical Abstracts Service Registry Number (CAS RN) is the property of the American Chemical Society, and any use or redistribution, except as required in supporting regulatory requirements and/or for reports to the Government of Canada when the information and the reports are required by law or administrative policy, is not permitted without the prior, written permission of the American Chemical Society.
- * No single CAS RN applies to this substance.
- 1 Total of the acid or base and its salts, expressed as the molecular weight of the acid or base. Where provided, the CAS RN corresponds to the weak acid or base.
- 2 Total of ammonia (NH₃ — CAS RN 7664-41-7) and the ammonium ion (NH₄⁺ — CAS RN 14798-03-9) in solution, expressed as ammonia.
- 3 Total of the pure element and the equivalent weight of the element contained in any compound, alloy or mixture.
- 4 Total of pure chromium and the equivalent weight of chromium contained in any compound, alloy or mixture. Excludes hexavalent chromium (and its compounds).

- 5 Total of all isomers of cresol: *m*-cresol (CAS RN 108-39-4), *o*-cresol (CAS RN 95-48-7) and *p*-cresol (CAS RN 106-44-5).
- 6 Total of all isomers, including, but not limited to, isomers with CAS RNs 354-12-1, 354-15-4 and 354-21-2.
- 7 Total of all isomers, including, but not limited to, isomers with CAS RNs 306-83-2, 354-23-4, 812-04-4 and 90454-18-5.
- 8 Total of all isomers, including, but not limited to, isomers with CAS RNs 76-14-2, 354-25-6, 374-07-2 and 2837-89-0.
- 9 Mono-carboxylic acids that include chain compounds and compounds with one or more alicyclic ring structures with the general formula $C_nH_{2n+Z}O_2$, where “n” indicates the carbon number and “Z” is referred to as the “hydrogen deficiency” (the number of hydrogen atoms that are lost as the structures become more compact) and is zero or a negative, even integer (from -2 to -12). Includes diverse polar organic compounds present in bitumen and oil sands process-affected water.
- 10 Nitrate ion in solution at a pH of 6.0 or more.
- 11 Total of octylphenol and its ethoxylates, limited to CAS RNs 140-66-9, 1806-26-4, 27193-28-8, 68987-90-6, 9002-93-1 and 9036-19-5.
- 12 Excludes yellow or white phosphorus (CAS RN 7723-14-0).
- 13 Total of hydrogen sulphide (CAS RN 7783-06-4), carbon disulphide (CAS RN 75-15-0), carbonyl sulphide (CAS RN 463-58-1), dimethyl sulphide (CAS RN 75-18-3), dimethyl disulphide (CAS RN 624-92-0), and methyl mercaptan (CAS RN 74-93-1), expressed as hydrogen sulphide.

- 14 Total of pure vanadium and the equivalent weight of vanadium contained in any compound or mixture. Excludes vanadium contained in an alloy.
- 15 Total of all isomers of xylene: *m*-xylene (CAS RN 108-38-3), *o*-xylene (CAS RN 95-47-6) and *p*-xylene (CAS RN 106-42-3).
- 16 Total of 26 azo disperse dyes with molar weights below 360 g/mol, limited to CAS RNs 12222-69-4, 16889-10-4, 20721-50-0, 21811-64-3, 2581-69-3, 27184-69-6, 2734-52-3, 2832-40-8, 2872-52-8, 31464-38-7, 31482-56-1, 3179-89-3, 3180-81-2, 40880-51-1, 43047-20-7, 4314-14-1, 6054-48-4, 6250-23-3, 6253-10-7, 6300-37-4, 6439-53-8, 65122-05-6, 6657-00-7, 69472-19-1, 730-40-5, 83249-52-9 and 842-07-9.
- 17 Including, but not limited to, chloroalkanes, C₁₄₋₁₇ (CAS RN 85535-85-9), as well as substances or components of mixtures that meet the molecular formula definition.
- 18 Including, but not limited to, chloroalkanes, C₁₈₋₂₀(CAS RN 106232-85-3), as well as substances or components of mixtures that meet the molecular formula definition.
- 19 Total of pure lead and the equivalent weight of lead contained in any compound, alloy or mixture. Excludes lead (and its compounds) contained in stainless steel, brass or bronze alloys and lead contained in tetraethyl lead (CAS RN 78-00-2).

- 20 Total of nonylphenol, its ethoxylates and derivatives, limited to CAS RNs 104-40-5, 25154-52-3, 84852-15-3, 1323-65-5, 26523-78-4, 28987-17-9, 68081-86-7, 68515-89-9, 68515-93-5, 104-35-8, 20427-84-3, 26027-38-3, 27177-05-5, 27177-08-8, 28679-13-2, 27986-36-3, 37251-69-7, 7311-27-5, 9016-45-9, 27176-93-8, 37340-60-6, 51811-79-1, 51938-25-1, 68412-53-3, 68412-54-4, 9051-57-4, 37205-87-1 and 127087-87-0.
- 21 Total of all isomers occurring in mixtures.
- 22 Particulate matter with a diameter less than or equal to 2.5 micrometres.
- 23 Filterable particulate matter, on a dry basis. Excludes condensable particulate matter.
- 24 Particulate matter with a diameter less than or equal to 10 micrometres.
- 25 Particulate matter with a diameter less than 100 micrometres.
- 26 Volatile organic compounds as set out in section 65 of the List of Toxic Substances in Schedule 1 of the *Canadian Environmental Protection Act, 1999*.
- 27 Total of *n*-butyl acetate (CAS RN 123-86-4), isobutyl acetate (CAS RN 110-19-0), and *sec*-butyl acetate (CAS RN 105-46-4). Excludes *tert*-butyl acetate (CAS RN 540-88-5).
- 28 Total of all isomers. Excludes *n*-hexane (CAS RN 110-54-3).

- 29 Total of 1,2,3-trimethylbenzene (CAS RN 526-73-8) and 1,3,5-trimethylbenzene (CAS RN 108-67-8). Excludes 1,2,4-trimethylbenzene (CAS RN 95-63-6).
- 30 An agglomeration of volatile organic compounds in the C₁₀ to C₁₆⁺ range that could not be separated into individual components by the selected gas chromatography column.
- 31 Total of CAS RNs 112-07-2, 112-15-2, 112-25-4, 112-34-5, 5131-66-8, 107-98-2, 109-59-1, 111-90-0, 124-17-4, 1569-01-3, 1569-02-4, 2807-30-9, 29911-27-1, 29911-28-2, 34590-94-8, 54839-24-6, 623-84-7 and 88917-22-0, and their isomers.
-