Scottish Environment Protection Agency
Buidheann Dìon Àrainneachd na h-Alba

For the future of our environment

The Scottish Pollutant Release Inventory (SPRI) Schedule 2023

This Schedule covers the year 2023 for which reports must be submitted by 28th February 2024

DO NOT COMPLETE THIS SCHEDULE

This Schedule should be used to identify the information on pollutant emissions and waste transfers which must be reported to the Scottish Pollutant Release Inventory.

To make your annual return, you should complete the operator form supplied to the SPRI contact by email, unless you have an agreed alternative arrangement to supply SEPA with this data. Note that parts of the form will be pre-populated with your information.

Sections A to G – Show the information you are required to report to SPRI

Section H – Identifies the Activities which require emissions and waste transfers to be reported for any Facility carrying them out**.**

Updates for 2023:

Administrative updates to reflect the new reporting method are included.

Section A – Address and contact information

Information in this section is carried over annually. You should inform us if any part of it has changed since your 2022 SPRI return was submitted.

NIC number	
Facility Details:	
Facility Name	
Facility Address	
Authorisation, Licence or Permit Number(s)	
Company Details:	"Company" refers to the company that has been granted an authorisation by SEPA to operate under a particular regulation at a particular facility.
Company Name	
Registered Company Number	Where applicable.
Proper Address	The Proper Address is the address to which SEPA sends all formal correspondence such as Notices, Licences and Variations. This is the address to which SEPA will serve the Notice under Regulation 63(2) of the Pollution Prevention and Control (Scotland) Regulations 2012 (as amended).
Company email address	

SPRI Contact Details:	The contact details of the individual within the company who is responsible for ensuring the company meets its obligations to SPRI. (This may not be the person who completes the return).
Contact Name	
Contact Telephone Number	
Contact Email Address	

Section B – Activity information

Information in this section is carried over annually. You should inform us if any part of it has changed since your 2022 SPRI return was submitted.

Further information on SPRI activity codes is available at the SPRI activity and SIC codes webpage.

		Code	Description
Main/Primary Activity at Installation	SPRI		
Sub-activity 1	SPRI		
Sub-activity 2	SPRI		
Sub-activity 3	SPRI		
Etc.	SPRI		

Section C – Pollutant releases

Please check the guidance listed on the SPRI webpages for detailed information on completing your return.

For all pollutants emitted you must provide:

Name of field	Field type	What should you provide?
Measurement type (M, C or E)	Drop down	State whether your emission value is Measured, Calculated or Estimated.
Method type	Drop down	Use the option which best matches the method you used to produce your emission value. Where available the method must include the UK or international quality standard reference number(s).
Method description	Free text (unlimited)	Please explain how you produced the emission value. Include calculations where appropriate. The more information you provide, the less likely we will contact you for clarification.
Value (kg)	Number	Enter your annual total emission value. This value should be the total emission of the identified pollutant to the specified media for the reporting year. It should include any accidental releases if reportable to SEPA. The threshold condition (ART/BRT/NE/NA) will be automatically calculated based on your emission value. If there was no emission this year but there is likely to be emissions in future years, then input zero (0) for no emission (NE). If the pollutant is never likely to be released from this facility, then leave this field blank (empty) and it will be flagged as NA (not applicable). It will be removed for future returns. Give values in kilograms, to three significant figures. NB: If you need to report accidental emission of a pollutant, ensure the value is **INCLUDED IN THE TOTAL EMISSION** and complete the *Accidental release of pollutants* section on the Return information tab.

Qualification	Free text (unlimited)	Please provide an explanation for any differences between 2022 and 2023 for this pollutant, particularly where prompted by the check fields. More information here helps us validate your data and reduces the likelihood of us having to contact you for clarification.

If your facility has released additional pollutants to those pre-populated on your form in 2023, you should check the tables below to see whether they should be reported. If so, let us know on the *Additional pollutants* section of the Return information tab, and we will contact you for further information.

Pollutants and thresholds are given in the tables below.

Pollutant releases to air

CAS No.	Pollutant (systemic name)	Pollutant (common name)	Threshold kg/yr
Pollutant releases to air			
Inorganics			
7664-41-7	NH_3	Ammonia	1,000
1332-21-4	-	Asbestos	1
124-38-9	CO_2	Carbon dioxide	10,000,000
630-08-0	CO	Carbon monoxide	100,000
7647-01-0	HCl	Hydrogen chloride	10,000
74-90-8	HCN	Hydrogen cyanide	100
10024-97-2	N_2O	Nitrous oxide	10,000
2551-62-4	SF_6	Sulphur hexafluoride	10
Organics			
309-00-2	-	Aldrin	1
120-12-7	-	Anthracene	10
71-43-2	-	Benzene	1,000
50-32-8	-	Benzo(a)pyrene	1
106-99-0	1,3-Butadiene	Butadiene	100
56-23-5	Tetrachloromethane	Carbon tetrachloride	10
57-74-9	-	Chlordane	1
143-50-0	-	Chlordecone	1
67-66-3	Trichloromethane	Chloroform	100
218-01-9	-	Chrysene	10
117-81-7	DEHP	Di(2-ethylhexyl) phthalate	10
–	DDT – all isomers	Dichlorodiphenyltrichloroethane – all isomers	1
60-57-1	-	Dieldrin	1
72-20-8	-	Endrin	1
107-06-2	1,2-Dichloroethane	Ethylene dichloride	1,000
75-21-8	1,2-Epoxyethane	Ethylene oxide	1,000
50-00-0	Methanal	Formaldehyde	10
76-44-8	-	Heptachlor	1
36355-01-8	-	Hexabromobiphenyl	0.1
118-74-1	-	Hexachlorobenzene	1
608-73-1	-	Hexachlorocyclohexane – all isomers	1
193-39-5	-	Indeno (1, 2, 3-cd) pyrene	1
58-89-9	-	Lindane	1
74-82-8	-	Methane	10,000
74-87-3	Chloromethane	Methyl chloride	1,000
71-55-6	1,1,1-Trichloroethane	Methyl chloroform	10
75-09-2	Dichloromethane (DCM)	Methylene chloride	1,000
2385-85-5	-	Mirex	1
91-20-3	-	Naphthalene	100
87-86-5	-	Pentachlorophenol	1

608-93-5	-	Pentachlorobenzene	1
100-42-5	-	Styrene	100
79-34-5	1,1,2,2-Tetrachloroethane	Tetrachloroethane	10
127-18-4	-	Tetrachloroethylene	100
108-88-3		Toluene	100
8001-35-2	-	Toxaphene	1
12002-48-1	-	Trichlorobenzene – all isomers	1
79-01-6	-	Trichloroethylene	1,000
75-01-4	-	Vinyl chloride	1,000
Metal compounds			
7440-36-0	Sb	Antimony	1
7440-38-2	As	Arsenic	1
7440-43-9	Cd	Cadmium	1
7440-47-3	Cr	Chromium	10
7440-50-8	Cu	Copper	10
7439-92-1	Pb	Lead	100
7439-96-5	Mn	Manganese	10
7439-97-6	Hg	Mercury	1
7440-02-0	Ni	Nickel	10
7782-49-2	Se	Selenium	100
7440-62-2	V	Vanadium	10
7440-66-6	Zn	Zinc	100
Other pollutant groups			
-	-	Chlorine and total inorganic chlorine compounds – as HCl	10,000
-	CFCs	Chlorofluorocarbons (CFCs)	1
-	PCDDs + PCDFs	Dioxins and furans – as ITEQ	0.00001
-	PCDDs + PCDFs	Dioxins and furans – as WHO TEQ	0.00001
7782-41-4	-	Fluorine and total inorganic fluorine compounds – as HF	1,000
-	-	Halons	1
-	HCFCs	Hydrochlorofluorocarbons (HCFCs)	1
-	HFCs	Hydrofluorocarbons (HFCs)	100
-	NOx	Nitrogen oxides, NO and NO_2 as NO_2	100,000
-	NMVOCs	Non-methane volatile organic compounds (NMVOCs)	10,000
-	PM_{10}	Particulate matter – PM_{10} and smaller	10,000
-		Particulate matter – total	50,000
-	-	Particulates – $PM_{2.5}$ and smaller only	1,000
-	PFCs	Perfluorocarbons (PFCs)	10
1336-36-3	PCBs as WHO TEQ	Polychlorinated biphenyls – total as WHO TEQ	0.00001
1336-36-3	PCBs	Polychlorinated biphenyls (PCBs)	0.1
-	PAHs	Polycyclic aromatic hydrocarbons (PAH's) (four indicator compounds of LRTAP)	1
-	SOx	Sulphur oxides, SO_2 and SO_3 as SO_2	100,000

Radionuclide emissions to air for premises with nuclear and non-nuclear authorisations

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold MBq/yr
Radionuclide emissions to air for premises with nuclear and non-nuclear authorisations			
-	-	Americium-241	0
-	-	Argon-41	0
-	-	Caesium-137	0
-	-	Carbon-14	0
-	-	Fluorine-18	0
-	-	Iodine-125	0
-	-	Iodine-129	0
-	-	Iodine-131	0
-	-	Krypton-85	0
-	-	Lead-210	0
-	-	Plutonium-alpha	0
-	-	Polonium-210	0
-	-	Radium-226	0
-	-	Radium-228	0
-	-	Radon-222	0
-	-	Ruthenium-106	0
-	-	Sulphur-35	0
-	-	Technetium-99m	0
-	-	Tritium	0
-	-	Uranium-alpha	0
-	-	Xenon-133	0
-	-	Other Alpha-emitting Radionuclides	0
-	-	Other Non Alpha-emitting Radionuclides	0
-	-	Group of Two or More Specified Radionuclide	0
-	-	Other Radionuclide Not Listed	0

Pollutant releases to water

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold kg/yr
Pollutant releases to water			
Inorganics			
1332-21-4	-	Asbestos	0.1
Organics			
15792-60-8	-	Alachlor	0.1
309-00-2	-	Aldrin	0.0005
7664-41-7	-	Ammonia (total)	20
120-12-7	-	Anthracene	0.1
1912 24-9	-	Atrazine	0.05
35575-96-3	-	Azamethiphos	0.001
71-43-2	-	Benzene	10
191-24-2	-	Benzo(g, h, i) perylene	0.1
50-32-8	-	Benzo(a)pyrene	1
85-68-7	BBP	Benzyl butyl phthalate	0.1
80-05-7	-	Bisphenol-A	0.1
56-23-5	Tetrachloromethane	Carbon tetrachloride	1
57-74-9	-	Chlordane	0.1
143-50-0	-	Chlordecone	0.1
470-90-8	-	Chlorfenvinphos	0.1
67-66-3	Trichloromethane	Chloroform	5
2921-88-2	-	Chlorpyrifos	0.1
52315-07-8	-	Cypermethrin	0.005
52918-63-5	-	Deltamethrin	0.002
117-81-7	DEHP	Di(2-ethylhexyl) phthalate	0.1
333-41-5	-	Diazinon	0.01
50-29-3	DDT	Dichlorodiphenyltrichloroethane – all isomers	0.0005
120-83-2	-	2,4-Dichlorophenol	0.1
94-75-7	-	2,4-Dichlorophenoxyacetic acid (2,4-D) – ester and non-ester	0.1
62-73-7	-	Dichlorvos	0.0005
60-57-1	-	Dieldrin	0.0005
60-51-5		Dimethoate	0.01
330-541	-	Diuron	0.05
137512-74-4	-	Emamectin Benzoate	0.001
115-29-7	-	Endosulfan	0.0005
72-20-8	-	Endrin	0.0005
100-41-4	-	Ethylbenzene	10
107-06-2	1,2-Dichloroethane	Ethylene dichloride	10
75-21-8	1, 2-epoxyethane	Ethylene oxide	1
206-44-0	-	Fluoranthene	0.1
76-44-8	-	Heptachlor (and Heptachlor epoxide)	0.1
36355-1-8	-	Hexabromobiphenyl	0.1
25637-99-4	-	Hexabromocyclododecane	0.1
118-74-1	-	Hexachlorobenzene	0.01
87-68-3	-	Hexachlorobutadiene	0.1
608-73-1	-	Hexachlorocyclohexane – all isomers	0.01
465-73-6	-	Isodrin	0.0005

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold kg/yr
Pollutant releases to water			
34123-59-6	-	Isoproturon	0.01
58-89-9	-	Lindane	0.1
330-55-2	-	Linuron	0.01
93-65-2	-	Mecoprop	1
75-09-2	Dichloromethane (DCM)	Methylene chloride	10
2385-85-5	-	Mirex	0.1
91-20-3	-	Naphthalene	1
608-93-5	-	Pentachlorobenzene	0.1
87-86-5	-	Pentachlorophenol	0.05
-	-	Perfluoro octanyl sulphate (PFOS)	0.1
52645-53-1	-	Permethrin	0.001
122-34-9	-	Simazine	0.01
83121-18-0	-	Teflubenzuron	0.001
140-66-9	-	4-tert-octylphenol	1
127-18-4	-	Tetrachloroethylene	1
108-88-3	-	Toluene	10
8001-35-2	-	Toxaphene	0.1
12002-48-1	-	Trichlorobenzene – all isomers	0.01
79-01-6	-	Trichloroethylene	1
1582-09-8	-	Trifluralin	0.001
75-01-4	-	Vinyl chloride	1
1330-20-7	Dimethylbenzene	Xylene – all isomers	10
Metals and compounds – expressed as mass of metal			
7440-38-2	As	Arsenic	5
7440-43-9	Cd	Cadmium	1
7440-47-3	Cr	Chromium (total)	20
-	-	Chromium (III)	20
18540-29-9	-	Chromium (VI)	20
7440-50-8	Cu	Copper	20
7439-89-6	Fe	Iron	1000
7439-92-1	Pb	Lead	20
7439-97-6	Hg	Mercury	0.1
7439-96-5	Mn	Manganese	200
7440-02-0	Ni	Nickel	20
7440-66-6	Zn	Zinc	100
Other pollutant groups – report as total mass unless otherwise stated			
-	-	Brominated diphenylethers – total as Br	0.1
-	-	Chlorides – total as Cl	2,000,000
-	-	Cyanides – total as CN	50
-	F	Fluorides – total as F	2,000
-	AOX	Halogenated organic compounds – total as AOX	1000
-	-	Nitrogen – total as N	50,000
-	-	Nonylphenol ethoxylates	1
-	-	Nonylphenols	1
-	-	Nonylphenol ethoxylates and nonylphenols	1
-	-	Octylphenol ethoxylates	1
-	-	Octylphenols	1

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold kg/yr
Pollutant releases to water			
-	-	Octylphenol ethoxylates and octylphenols	1
-	Sn	Organotin compounds – total as Sn	5
-	PCDDs + PCDFs	Dioxins and Furans as ITEQ	0.0001
-	PCDDs + PCDFs	Dioxins and Furans as WHO TEQ	0.0001
108-95-2	-	Phenols – total as C	20
-	-	Phosphorus – total as P	5,000
1336-36-3	PCBs	Polychlorinated biphenyls	0.001
1336-36-3	PCBs as WHO TEQ	Polychlorinated biphenyls – total as WHO TEQ	0.002
-	PAHs	Polycyclic aromatic hydrocarbons (PAHs) (four indicator compounds of LRTAP)	1
-	TOC	Total organic carbon or COD/3	50,000
85535-84-8	-	Chloro-alkanes (C10-C13)	1
3380-34-5	-	Triclosan	0.1
56573-85-4	TBT compounds	Tributyltin compounds	0.005
668-38-8	TPT compounds	Triphenyltin compounds	0.1

Radionuclide emissions to water for premises with nuclear and non-nuclear authorisations

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold MBq/yr
Radionuclide emissions to water for premises with nuclear and non-nuclear authorisations			
-	-	Americium-241	0
-	-	Antimony-125	0
-	-	Caesium-134	0
-	-	Caesium-137	0
-	-	Carbon-14	0
-	-	Cerium-144	0
-	-	Cobalt-60	0
-	-	Curium-242	0
-	-	Iodine-129	0
-	-	Lead-210	0
-	-	Neptunium-237	0
-	-	Niobium-95	0
-	-	Polonium-210	0
-	-	Plutonium-alpha	0
-	-	Plutonium-241	0
-	-	Radium-226	0
-	-	Radium-228	0
-	-	Ruthenium-106	0
-	-	Strontium-90	0
-	-	Sulphur-35	0
-	-	Technetium-99m	0
		Thorium-230	0
		Thorium-232	0
-	-	Tritium	0
-	-	Uranium-alpha	0
-	-	Yttrium-90	0
		Zirconium-95	0
-	-	Other Alpha-emitting Radionuclides	0
-	-	Other Non Alpha-emitting Radionuclides	0
-	-	Group of Two or More Specified Radionuclide	0
-	-	Other Radionuclide Not Listed	0

Pollutant releases to land

The reportable substances and reportable thresholds shown in the table below apply only to pollutants in waste which is subject to the disposal operations of land treatment or deep injection

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold kg/yr
Pollutant releases to land			
Inorganics			
1332-21-4	-	Asbestos	0.1
Organics			
15972-60-8	-	Alachlor	1
309-00-2	-	Aldrin	1
120-12-7	-	Anthracene	1
1912-24-9	-	Atrazine	1
71-43-2	-	Benzene	200
57-74-9	-	Chlordane	1
143-50-0	-	Chlordecone	1
470-90-8	-	Chlorfenvinphos	1
2921-88-2	-	Chlorpyrifos	1
50-29-3	DDT	Dichlorodiphenyltrichloroethane – all isomers	1
75-09-2	Dichloromethane (DCM)	Methylene chloride	10
60-57-1	-	Dieldrin	1
117-81-7	DEHP	Di(2-ethylhexyl)phthalate	1
330-54-1	-	Diuron	1
115-29-7	-	Endosulfan	1
72-20-8	-	Endrin	1
100-41-4	-	Ethylbenzene	200(6)
107-06-2	1,2-Dichloroethane	Ethylene dichloride	10
75-21-8	1,2-Epoxyethane	Ethylene oxide	10
76-44-8	-	Heptachlor	1
36355-01-8	-	Hexabromobiphenyl	0.1
118-74-1	-	Hexachlorobenzene	1
87-68-3	-	Hexachlorobutadiene	1
608-73-1	-	Hexachlorocyclohexane – all isomers	1
34123-59-6	-	Isoproturon	1
58-89-9	-	Lindane	1
2385-85-5	-	Mirex	1
91-20-3	-	Naphthalene	10
87-86-5	-	Pentachlorophenol	1
608-93-5	-	Pentachlorobenzene	1
122-34-9	-	Simazine	1
108-88-3	-	Toluene	200(6)
8001-35-2	-	Toxaphene	1
1582-09-8	-	Trifluralin	1
75-01-4	-	Vinyl chloride	10
1330-20-7	Dimethylbenzene	Xylene – all isomers	200(6)

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold kg/yr
Pollutant releases to land			
Metals and compounds – express as mass of metal			
7440-38-2	As	Arsenic	5
7440-43-9	Cd	Cadmium	5
7440-47-3	Cr	Chromium	50
7440-50-8	Cu	Copper	50
7439-92-1	Pb	Lead	20
7439-97-6	Hg	Mercury	1
7440-02-0	Ni	Nickel	20
7440-66-6	Zn	Zinc	100
Other pollutant groups – report as total mass unless otherwise stated			
-	Br	Brominated diphenylethers – Total as Br	1
16887-00-6	Cl	Chlorides – total as Cl	2,000,000
-	-	Cyanides – as Total CN	50
16984-48-8	F	Fluorides – as Total F	2,000
-	AOX	Halogenated organic compounds – as total AOX	1,000
-	-	Nitrogen - as Total N	50,000
-	-	Nonylphenols	1
-	-	Nonylphenol ethoxylates	1
-	-	Nonylphenol ethoxylates and nonylphenols	1
-	-	Octylphenols	1
-	-	octylphenol ethyoxylates	1
-	-	octylphenols and octylphenol ethyoxylates	1
-	Sn	Organo-tin compounds – as Total Sn	50
	PCDDs + PCDFs	Dioxins and furans as I-TEQ	0.0001
-	PCDDs + PCDFs	Dioxins and furans as WHO-TEQ	0.0001
108-95-2	-	Phenols – as Total C	20
-	P	Phosphorus – as Total P	5,000
1336-36-3	PCBs	Polychlorinated biphenyls	0.1
-	-	Polychlorinated biphenyls as WHO-TEQ	0.0002
-	PAHs	Polycyclic aromatic hydrocarbons (PAHs)(four indicators of LRTAP)	5
85535-84-8	-	Chloro-alkanes (C10-C13)	1
56573-85-4-	TBT compounds	Tributyltin compounds	1
668-38-8	TPT	Triphenyltin compounds	1

6 As BTEX – single pollutants are reported if the threshold for BTEX (the sum parameter of benzene, toluene, ethyl benzene, xylenes) is exceeded.

Pollutant releases to wastewater

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold kg/yr
Pollutant releases to wastewater			
Inorganics			
1332-21-4	-	Asbestos	0.1
Organics			
15792-60-8	-	Alachlor	0.1
309-00-2	-	Aldrin	0.0005
7664-41-7	-	Ammonia (total)	20
120-12-7	-	Anthracene	0.1
1912-24-9	-	Atrazine	0.05
35575-96-3	-	Azamethiphos	0.001
71-43-2	-	Benzene	10
50-32-8	-	Benzo(a)pyrene	1
191-24-2	-	Benzo (g,h,i) perylene	0.1
85-68-7	BBP	Benzyl butyl phthalate	0.1
80-05-7	-	Bisphenol-A	0.1
56-23-5	Tetrachloromethane	Carbon tetrachloride	1
57-74-9	-	Chlordane	0.1
143-50-0	-	Chlordecone	0.1
470-90-8	-	Chlorfenvinphos	0.1
67-66-3	Trichloromethane	Chloroform	5
2921-88-2	-	Chlorpyrifos	0.1
52315-07-8	-	Cypermethrin	0.005
52918-63-5	-	Deltamethrin	0.002
117-81-7	DEHP	Di(2-ethylhexyl) phthalate	0.1
333-41-5	-	Diazinon	0.01
50-29-3	DDT	Dichlorodiphenyltrichloroethane – all isomers	0.0005
120-83-2	-	2,4-Dichlorophenol	0.1
94-75-7	-	2,4-Dichlorophenoxyacetic acid (2,4-D) – ester and non-ester	0.1
62-73-7	-	Dichlorvos	0.0005
60-57-1	-	Dieldrin	0.0005
60-51-5		Dimethoate	0.01
330-54-1	-	Diuron	0.05
137512-74-4	-	Emamectin benzoate	0.001
115-29-7	-	Endosulfan	0.0005
72-20-8	-	Endrin	0.0005
100-41-4	-	Ethylbenzene	10
107-06-2	1,2-Dichloroethane	Ethylene dichloride	10
75-21-8	1, 2-epoxyethane	Ethylene oxide	1
206-44-0	-	Fluoranthene	0.1
76-44-8	-	Heptachlor	0.1
36355-1-8	-	Hexabromobiphenyl	0.1
25637-99-4	-	Hexabromocyclododecane	0.1
118-74-1	-	Hexachlorobenzene	0.01
87-68-3	-	Hexachlorobutadiene	0.1
608-73-1	-	Hexachlorocyclohexane – all isomers	0.01

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold kg/yr
Pollutant releases to wastewater			
465-73-6	-	Isodrin	0.0005
34123-59-6	-	Isoproturon	0.01
58-89-9	-	Lindane	0.1
330-55-2	-	Linuron	0.01
93-65-2	-	Mecoprop	1
75-09-2	Dichloromethane (DCM)	Methylene chloride	10
2385-85-5	-	Mirex	0.1
91-20-3	-	Naphthalene	1
608-93-5	-	Pentachlorobenzene	0.1
87-86-5	-	Pentachlorophenol	0.05
-	-	Perfluoro octanyl sulphate (PFOS)	0.1
52645-53-1	-	Permethrin	0.001
122-34-9	-	Simazine	0.01
83121-18-0	-	Teflubenzuron	0.001
140-66-9	-	4-tert-octylphenol	1
127-18-4	-	Tetrachloroethylene	1
108-88-3	-	Toluene	10
8001-35-2	-	Toxaphene	0.1
12002-48-1	-	Trichlorobenzene – all isomers	0.01
79-01-6	-	Trichloroethylene	1
3380-34-5	-	Triclosan	0.1
1582-09-8	-	Trifluralin	0.001
75-01-4	-	Vinyl chloride	1
1330-20-7	Dimethylbenzene	Xylene – all isomers	10
Metals and compounds – express as mass of metal			
7440-38-2	As	Arsenic	5
7440-43-9	Cd	Cadmium	1
7440-47-3	Cr	Chromium (total)	20
-	-	Chromium (III)	20
18540-29-9	-	Chromium (VI)	20
7440-50-8	Cu	Copper	20
7439-89-6	Fe	Iron	1000
7439-92-1	Pb	Lead	20
7439-97-6	Hg	Mercury	0.1
7439-96-5	Mn	Manganese	200
7440-02-0	Ni	Nickel	20
7440-66-6	Zn	Zinc	100
Other pollutant groups – report as total mass unless otherwise stated			
-	-	Brominated diphenylethers – total as Br	0.1
-	-	Chlorides – total as Cl	2,000,000
-	-	Cyanides – total as CN	50
-	F	Fluorides – total as F	2,000
-	AOX	Halogenated organic compounds – total as AOX	1000
-	-	Nitrogen – total as N	50,000
		Nonylphenol	1
		Nonylphenol ethoxylates	1
-	-	Nonylphenol ethoxylates and nonylphenols	1
-	-	Octylphenol ethoxylates	1

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold kg/yr
Pollutant releases to wastewater			
-	-	Octylphenols	1
-	-	Octylphenol ethoxylates and octylphenols	1
-	Sn	Organic tin compounds – total as Sn	5
-	PCDDs + PCDFs	Dioxins and furans as I-TEQ	0.0001
-	PCDDs + PCDFs	Dioxins and furans as WHO-TEQ	0.0001
-	-	Phenols – total as C	20
-	-	Phosphorus – total as P	5,000
1336-36-3	PCBs	Polychlorinated biphenyls	0.001
-	-	Polychlorinated biphenyls as WHO-TEQ	0.002
-	PAHs	Polycyclic aromatic hydrocarbons (PAHs) (four indicator compounds of LRTAP)	1
85535-84-8		Chloro-alkanes	1
-	TOC	Total organic carbon or COD/3	50,000
56573-85-4	TBT compounds	Tributyltin compounds	0.005
668-38-8	TPT compounds	Triphenyltin compounds	0.1

Radionuclide emissions to wastewater for premises with nuclear and non-nuclear authorisations

CAS no.	Pollutant (systemic name)	Pollutant (common name)	Threshold MBq/yr
Radionuclide emissions to wastewater for premises with nuclear and non-nuclear authorisations			
-	-	Americium-241	0
-	-	Antimony-125	0
-	-	Caesium-134	0
-	-	Caesium-137	0
-	-	Carbon-14	0
-	-	Cerium-144	0
-	-	Chromium-51	0
-	-	Cobalt-57	0
-	-	Cobalt-58	0
-	-	Cobalt-60	0
-	-	Curium-242	0
-	-	Erbium-169	0
-	-	Fluorine-18	0
-	-	Gallium-67	0
-	-	Indium-111	0
-	-	Iodine-123	0
-	-	Iodine-125	0
-	-	Iodine-129	0
-	-	Iodine-131	0
-	-	Lead-210	0
-	-	Neptunium-237	0
-	-	Niobium-95	0
-	-	Phosphorus-32	0
-	-	Phosphorus-33	0
-	-	Plutonium-alpha	0
-	-	Plutonium-241	0
-	-	Polonium-210	0
-	-	Radium-226	0
-	-	Radium-228	0
-	-	Ruthenium-106	0
-	-	Samarium-153	0
-	-	Selenium-75	0
-	-	Sodium-22	0
-	-	Strontium-89	0
-	-	Strontium-90	0
-	-	Sulphur-35	0
-	-	Technetium-99m	0
-	-	Thallium-201	0
-	-	Thorium-230	0
-	-	Thorium-232	0
-	-	Tritium	0
-	-	Uranium-alpha	0
-	-	Yttrium-90	0
-	-	Zirconium-95	0
-	-	Other Alpha-emitting Radionuclides	0
-	-	Other Non Alpha-emitting Radionuclides	0
-	-	Group of Two or More Specified Radionuclide	0
-	-	Other Radionuclide Not Listed	0

Section D – Off-site transfers of waste

You should report the mass of waste which is removed from the facility by pipe, tanker or lorry, where theannual total tonnage for that type of waste is above a threshold value:

Type of waste	Threshold value (tonnes)
Hazardous	2
Non-hazardous	2,000

For each type of waste, the deciding factor on whether to report is the total mass transferred off site during the reporting year; the waste may have been split between different treatment facilities or countries, and been handled in different ways.

Where your waste water is treated by an independently operated wastewater treatment plant (IOWWTP), such as an industrial wastewater treatment plant covered by Chapter 5 of the Pollution Prevention and Control Regulations (Section 5.7), you should record the transfer as waste in tonnes in this section of the form.

For both hazardous waste (where the total transferred off-site exceeds 2t) and non-hazardous waste (where the total transferred off-site exceeds 2,000t) you must tell us the total tonnage which was sent for disposal and the total sent for recovery. In each case you should tell us:

Name of field	Field type	What should you provide?
Measurement type (M, C or E)	Drop down	State whether your emission value is Measured, Calculated or Estimated. Where your data is obtained using weighing records report “measured”.
Method type	Drop down	Use the option which best matches the method you used to produce your total waste value. Where available the method must include the UK or international quality standard reference number(s).
Method description	Free text (unlimited)	Free text field: please explain how you produced the emission value. Include calculations where appropriate. More information here helps us validate your data and reduces the likelihood of us having to contact you for clarification.
Value (tonnes)	Number	Give values as normal wet waste in tonnes, to 3 significant figures.

Qualification	Free text (unlimited)	Please explain differences between 2022 and 2023 data, particularly where prompted by the check fields. More information here helps us validate your data and reduces the likelihood of us having to contact you for clarification.

If any hazardous waste was transferred outside the UK, you must provide details of the waste destination (name and address of recoverer/disposer and the address of the actual site of recovery/disposal). Complete the *Outside UK waste transfers* section of the Return information and we will contact you to collect the detailed information.

Section E – Waste input data This section is not in use.

Section F – Large Combustion Plant Directive (LCPD) This section is not in use.

Section G – Voluntary information This section is not in use.

Section H – Activities which require emissions and waste transfers to be reported for any Facility carrying them out.

SPRI requirements					Scotland-specific requirements
Number			Activity	Capacity threshold under UKSPRI *(*) indicates that no capacity threshold is applicable (all facilities are subject to reporting).*	
1			Energy sector		
	(a)		Mineral oil and gas refineries	*	
	(b)		Installations for gasification and liquefaction	*	
	(c)		Thermal power stations and other combustion installations	With a heat input of 50 megawatts (MW)	
	(d)		Coke ovens	*	
	(e)		Coal rolling mills	With a capacity of 1 tonne per hour	
	(f)		Installations for the manufacture of coal products and solid smokeless fuel	*	
2			Production and processing of metals		
	(a)		Metal ore (including sulphide ore) roasting or sintering installations	*	
	(b)		Installations for the production of pig iron or steel (primary or secondary melting) including continuous casting	With a capacity of 2.5 tonnes per hour	
	(c)		Installations for the processing of ferrous metals:		
		(i)	Hot-rolling mills	With a capacity of 20 tonnes of crude steel per hour	
		(ii)	Smitheries with hammers	With an energy of 50 kilojoules per hammer, where the calorific power used exceeds 20 MW	
		(iii)	Application of protective fused metal coats	With an input of 2 tonnes of crude steel per hour	
	(d)		Ferrous metal foundries	With a production capacity of 20 tonnes per day	
	(e)		Installations:		

SPRI requirements					Scotland-specific requirements
Number			Activity	Capacity threshold under SPRI *(*) indicates that no capacity threshold is applicable (all facilities are subject to reporting).*	
		(i)	For the production of non-ferrous crude metals from ore, concentrates or secondary raw materials by metallurgical, chemical or electrolytic processes	*	
		(ii)	For the smelting, including the alloying, of non-ferrous metals, including recovered products (refining, foundry casting, etc.)	With a melting capacity of 4 tonnes per day for lead and cadmium or 20 tonnes per day for all other metals	
	(f)		Installations for surface treatment of metals and plastic materials using an electrolytic or chemical process	Where the volume of the treatment vats equals 30 m3	
3			Mineral industry		
	(a)		Underground mining and related operations	*	*Note while this activity is not directly regulated by SEPA, other related activities are e.g. water discharges, mobile crushing plants*
	(b)		Opencast mining and quarrying	Where the surface of the area effectively under extractive operation equals 25 hectares	*Note while this activity is not directly regulated by SEPA, other related activities are e.g. water discharges, mobile crushing plants*
	(c)		Installations for the production of:		
		(i)	Cement clinker in rotary kilns	With a production capacity of 500 tonnes per day	
		(ii)	Lime in rotary kilns	With a production capacity of 50 tonnes per day	
		(iii)	Cement clinker or lime in other furnaces	With a production capacity of 50 tonnes per day	
	(d)		Installations for the production of asbestos and the manufacture of asbestos-based products	*	
	(e)		Installations for the manufacture of glass, including glass fibre	With a melting capacity of 20 tonnes per day	
	(f)		Installations for melting mineral substances, including the production of mineral fibres	With a melting capacity of 20 tonnes per day	

SPRI requirements					Scotland-specific requirements
Number			Activity	Capacity threshold under UKSPRI *(*) indicates that no capacity threshold is applicable (all facilities are subject to reporting).*	
	(g)		Installations for the manufacture of ceramic products by firing, in particular roofing tiles, bricks, refractory bricks, tiles, stoneware or porcelain	With a production capacity of 75 tonnes per day, or with a kiln capacity of 4 m3 and with a setting density per kiln of 300 kg/m3	
4			Chemical industry		
	(a)		Chemical installations for the production on an industrial scale of basic organic chemicals, such as:	*	
		(i)	Simple hydrocarbons (linear or cyclic, saturated or unsaturated, aliphatic or aromatic)		
		(ii)	Oxygen-containing hydrocarbons such as alcohols, aldehydes, ketones, carboxylic acids, esters, acetates, ethers, peroxides, epoxy resins		
		(iii)	Sulphurous hydrocarbons		
		(iv)	Nitrogenous hydrocarbons such as amines, amides, nitrous compounds, nitro compounds or nitrate compounds, nitriles, cyanates, isocyanates		
		(v)	Phosphorus-containing hydrocarbons		
		(vi)	Halogenic hydrocarbons		
		(vii)	Organometallic compounds		
		(viii)	Basic plastic materials (polymers, synthetic fibres and cellulose-based fibres)		
		(ix)	Synthetic rubbers		
		(x)	Dyes and pigments		
		(xi)	Surface-active agents and surfactants		
	(b)		Chemical installations for the production on an industrial scale of basic inorganic chemicals, such as:	*	

SPRI requirements					Scotland-specific requirements
Number			Activity	Capacity threshold under SPRI *(*) indicates that no capacity threshold is applicable (all facilities are subject to reporting).*	
		(i)	Gases, such as ammonia, chlorine or hydrogen chloride, fluorine or hydrogen fluoride, carbon oxides, sulphur compounds, nitrogen oxides, hydrogen, sulphur dioxide, carbonyl chloride		
		(ii)	Acids, such as chromic acid, hydrofluoric acid, phosphoric acid, nitric acid, hydrochloric acid, sulphuric acid, oleum, sulphurous acids		
		(iii)	Bases, such as ammonium hydroxide, potassium hydroxide, sodium hydroxide		
		(iv)	Salts, such as ammonium chloride, potassium chlorate, potassium carbonate, sodium carbonate, perborate, silver nitrate		
		(v)	Non-metals, metal oxides or other inorganic compounds such as calcium carbide, silicon, silicon carbide		
	(c)		Chemical installations for the production on an industrial scale of phosphorous-, nitrogen- or potassium-based fertilisers (simple or compound fertilisers)	*	
	(d)		Chemical installations for the production on an industrial scale of basic plant health products and of biocides	*	
	(e)		Installations using a chemical or biological process for the production on an industrial scale of basic pharmaceutical products	*	
	(f)		Installations for the production on an industrial scale of explosives and pyrotechnic products	*	
5			Waste and wastewater management		

SPRI requirements					Scotland-specific requirements
Number			Activity	Capacity threshold under SPRI *(*) indicates that no capacity threshold is applicable (all facilities are subject to reporting).*	
	(a)		Installations for the recovery or disposal of hazardous waste	Receiving 10 tonnes per day	All facilities with a capacity to accept at least10 tonnes per day for the recovery and disposal of hazardous waste that fall under either Schedules 1 and 2 of the Pollution Prevention & Control (Scotland) Regulations, 2012 or under the Waste Management Licensing (Scotland) Regulations 2011.
	(b)		Installations for the incineration of non-hazardous waste in the scope of Directive 2000/76/EC of the European Parliament and of the Council of 4 December 2000 on the incineration of waste	With a capacity of 3 tonnes per hour	
	(c)		Installations for the disposal of non-hazardous waste	With a capacity of 50 tonnes per day	All facilities with a capacity to accept at least50 tonnes per day for the recovery and disposal of non-hazardous waste that fallunder either Schedules 1 and 2 of the Pollution Prevention & Control (Scotland)Regulations, 2012 or under the Waste Management Licensing (Scotland) Regulations 2011.
	(d)		Landfills (excluding landfills of inert waste and landfills, which were definitely closed before 16.7.2001 or for which the after-care phase required by the competent authorities according to Article 13 of Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste has expired)	Receiving 10 tonnes per day or with a total capacity of 25 000 tonnes	

		(i)	Landfills of inert waste		Receiving 10 tonnes per day or with a total capacity of 25,000 tonnes
	(e)		Installations for the disposal or recycling of animal carcasses and animal waste	With a treatment capacity of 10 tonnes per day	
	(f)		Urban waste-water treatment plants		
		(i)	With a capacity of 100 000 population equivalents		

SPRI requirements					**Scotland-specific requirements**
Number			**Activity**	**Capacity threshold under SPRI** *(*) indicates that no capacity threshold is applicable (all facilities are subject to reporting).*	
		(ii)	With a capacity of between 15 000 and 100 000 population equivalents		All sewage treatment works and equivalent industrial discharges with a design population equivalent of 15,000 or more (where population equivalent has the meaning given in the Urban Waste Water Treatment (Scotland) Regulations 1994).
	(g)		Independently operated industrial waste-water treatment plants which serve one or more activities of this annex	With a capacity of 10 000 m3 per day	With a capacity of 2 000 m3 per day
	(h)		Recovery, or a mix of recovery and disposal, of non-hazardous waste		with a capacity exceeding 75 tonnes per day
		(i)	Disposal of non-hazardous waste: biological treatment;		

		(ii)	Disposal of non-hazardous waste: physico-chemical treatment;		
		(iii)	Disposal of non-hazardous waste: pre-treatment of waste for incineration or co-incineration;		
		(iv)	Disposal of non-hazardous waste: treatment of slags and ashes;		
		(v)	When the only waste treatment activity carried out is anaerobic digestion, the capacity threshold for this activity shall be 100 tonnes per day.		
6			Paper and wood production and processing		
	(a)		Industrial plants for the production of pulp from timber or similar fibrous materials	*	
	(b)		Industrial plants for the production of paper and board and other primary wood products (such as chipboard, fibreboard and plywood)	With a production capacity of 20 tonnes per day	
	(c)		Industrial plants for the preservation of wood and wood products with chemicals	With a production capacity of 50 m3 per day	
7			Intensive livestock production and aquaculture		
	(a)		Installations for the intensive rearing of poultry or pigs		
		(i)	With 40 000 places for poultry		
		(ii)	With 2 000 places for production pigs (over 30 kg)		
		(iii)	With 750 places for sows		
	(b)		Intensive aquaculture		
		(i)	With a production capacity of 1 000 tonnes of fish or shellfish per year		No capacity threshold is applicable (all facilities are subject to reporting).
		(ii)	With a production capacity below 1 000 tonnes of fish or shellfish per year		No capacity threshold is applicable (all facilities are subject to reporting).
8			Animal and vegetable products from the food and beverage sector		

SPRI requirements					Scotland-specific requirements
Number			Activity	Capacity threshold under SPRI *(*) indicates that no capacity threshold is applicable (all facilities are subject to reporting).*	
	(a)		Slaughterhouses	With a carcass production capacity of 50 tonnes per day	
	(b)		Treatment and processing intended for the production of food and beverage products from:		
		(i)	Animal raw materials (other than milk)	With a finished product production capacity of 75 tonnes per day	
		(ii)	Vegetable raw materials	With a finished product production capacity of 300 tonnes per day (average value on a quarterly basis)	
	(c)		Treatment and processing of milk	With a capacity to receive 200 tonnes of milk per day (average value on an annual basis)	
9			Other activities		
	(a)		Plants for the pre-treatment (operations such as washing, bleaching, mercerisation) or dyeing of fibres or textiles	With a treatment capacity of 10 tonnes per day	
	(b)		Plants for the tanning of hides and skins	With a treatment capacity of 12 tonnes of finished product per day	
	(c)		Installations for the surface treatment of substances, objects or products using organic solvents, in particular for dressing, printing, coating, degreasing, waterproofing, sizing, painting, cleaning or impregnating	With a consumption capacity of 150 kg per hour or 200 tonnes per year	
	(d)		Installations for the production of carbon (hard-burnt coal) or electro-graphite by means of incineration or graphitisation	*	
	(e)		Installations for the building of, and painting or removal of paint from ships	With a capacity for ships 100 m long	

SPRI requirements					Scotland-specific requirements
Number			**Activity**	**Capacity threshold under SPRI** *(*) indicates that no capacity threshold is applicable (all facilities are subject to reporting).*	
10					All nuclear installations (including plants undergoing decommissioning) and all non-nuclear installations holding authorisation for air, water and waste water releases
	(a)				Radioactive substances activity – nuclear
	(b)				Radioactive substances activity – non-nuclear