

Information sheet

Regulated waste

Category 1 and 2 regulated waste

The purpose of this information sheet is to list the regulated waste that has a default category 1 and category 2 to assist in determining the new waste environmentally relevant activities (ERAs) an environmental authority (EA) transitions to under the Environmental Protection (Waste ERA Framework) Amendment Regulation 2018.

1. Introduction

The Environmental Protection (Waste ERA Framework) Amendment Regulation 2018 changed various waste ERAs in the Environmental Protection Regulation 2019 (EP Regulation). From 1 July 2019, existing EAs for any of the former waste-related ERAs are taken to be for the equivalent activities under the new waste ERA framework. Conditions that are on the existing EA will still apply and no changes to conditions will occur as part of this process.

The new waste ERAs do not directly correlate with the former ERAs. The new waste ERAs are determined by the processes being undertaken and the type and quantity of waste. Authorisation for multiple activities and thresholds may be required depending on the existing activities being undertaken.

The type of waste specified in the ERA thresholds aligns with the new regulated waste classifications, introduced into Schedule 9 of the EP Regulation, on 4 February 2019. Information on the new regulated waste classifications is on the department's website <https://environment.des.qld.gov.au/waste/review-reg-waste.html>. Waste ERAs now have thresholds relating to general waste, category 1 regulated waste and category 2 regulated waste.

This information sheet gives guidance on what waste will be category 1 regulated waste and category 2 regulated waste.

2. Category 1 regulated waste

Regulated waste is category 1 regulated waste if it meets the requirements of section 43 of the EP Regulation. The waste types that default to category 1 regulated waste are in Table 1. This information is an extract from the table in Part 1 of Schedule 9 of the EP Regulation.

Table 1 – From Part 1 of Schedule 9 of the EP Regulation

Item	Type	Category
3	antimony and antimony compounds	1
4	arsenic and arsenic compounds	1
6	barium compounds, other than barium sulfate	1
8	beryllium and beryllium compounds	1
9	boron compounds	1
10	biosecurity waste	1
11	cadmium and cadmium compounds	1
12	chemical waste arising from a research and development or teaching activity, including new or unidentified material and material whose effects on human health or the environment are not known	1
13	chlorates	1

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14	chromium compounds (hexavalent and trivalent)	1
15	clinical and related waste	1
16	copper compounds	1
17	cyanides (inorganic)	1
18	cyanides (organic)	1
20	ethers	1
21	filter cake, other than filter cake waste generated from the treatment of raw water for the supply of drinking water	1
22	fire debris and fire washwaters	1
23	fluorinated organic compounds (total)	1
24	fly ash	1
27	halogenated organic solvents	1
28	highly odorous organic chemicals, including mercaptans and acrylates	1
29	inorganic fluorine compounds, other than calcium fluoride	1
31	isocyanate compounds	1
32	lead and lead compounds	1
35	material containing polychlorinated biphenyls (PCBs), polychlorinated naphthalenes (PCNs), polychlorinated terphenyls (PCTs) or polybrominated biphenyls (PBBs)	1
36	mercury and mercury compounds	1
37	metal carbonyls	1
39	nickel compounds	1
42	organic phosphorous compounds	1
43	organic solvents, other than halogenated solvents, including, for example, ethanol	1
44	organohalogen compounds, other than another substance stated in this schedule	1
45	oxidising agents	1
46	per- and poly-fluoroalkyl substances	1
47	perchlorates	1
48	pesticides, including organochlorine	1
49	pharmaceuticals, drugs and medicines	1
50	phenols and phenol compounds, including chlorophenols	1
52	polychlorinated dibenzo-furan (any congener)	1
53	polychlorinated dibenzo-p-dioxin (any congener)	1
54	residues from industrial waste treatment or disposal operations	1
55	selenium and selenium compounds	1
58	tannery wastes, including leather dust, ash, sludges and flours	1
59	tarry residues arising from refining, distillation or any pyrolytic treatment	1
64	vanadium compounds	1
67	waste from a heat treatment or tempering operation that uses cyanides	1
69	waste from the manufacture, formulation or use of biocides or phytopharmaceuticals	1
71	waste from the manufacture, formulation or use of organic solvents	1
73	waste from the manufacture, formulation or use of resins, latex, plasticisers, glues or other adhesives	1
74	waste from the manufacture, formulation or use of wood-preserving chemicals	1
75	waste from the manufacture or preparation of pharmaceutical products	1
76	waste of an explosive nature, other than an explosive within the meaning of the <i>Explosives Act 1999</i>	1

Item	Type	Category
78	zinc compounds	1

3. Category 2 regulated waste

Regulated waste is category 2 regulated waste if it is not category 1 regulated waste. The waste types that default to category 2 regulated waste are in Table 2. This information is an extract from the table in Part 1 of Schedule 9 of the EP Regulation.

Table 2 – From Part 1 of Schedule 9 of the EP Regulation

Item	Type	Category
1	acidic solutions and acids in solid form	2
2	animal effluent and residues, including abattoir effluent and poultry and fish processing wastes	2
5	asbestos	2
7	basic (alkaline) solutions and bases (alkalis) in solid form	2
19	encapsulated, chemically-fixed, solidified or polymerised wastes	2
25	food processing waste (other than liquid food processing waste)	2
26	grease trap waste	2
30	inorganic sulphides	2
33	lead acid batteries (intact)	2
34	liquid food processing waste	2
38	mineral oils	2
40	non-toxic salts, including, for example, saline effluent	2
41	oil and water mixtures or emulsions, or hydrocarbons and water mixtures or emulsions	2
51	phosphorus compounds, other than mineral phosphates	2
56	sewage sludge and residues, including nightsoil and septic tank sludge	2
57	surface active agents (surfactants) containing principally organic constituents, whether or not also containing metals and other inorganic materials	2
60	tellurium and tellurium compounds	2
61	thallium and thallium compounds	2
62	triethylamine catalysts for setting foundry sands	2
63	tyres	2
65	vegetable oils	2
66	waste containing peroxides other than hydrogen peroxide	2
68	waste from surface treatment of metals or plastics	2
70	waste from the manufacture, formulation or use of inks, dyes, pigments, paints, lacquers or varnish	2
72	waste from the manufacture, formulation or use of photographic chemicals or processing materials	2
77	wool scouring wastes	2

4. Further information

Additional information sheets on the regulated waste classification are available on the department's website at <https://environment.des.qld.gov.au/waste/review-reg-waste.html>.

Additional information sheets on the changes to waste ERAs are available on the department's website at <https://environment.des.qld.gov.au/waste/review-reg-waste.html>.

If you have any further questions, please contact PaLM on 1300 130 372 (option 4).

Disclaimer

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Version history

Version	Date published	Description of changes
1.00	12 April 2019	First published.
2.00	1 September 2019	Updated for change from EP Regulation 2008 to EP Regulation 2019. Moved item 64 vanadium compounds from category 2 to category 1.