

Discharge to Drain Log

All discharges to the foul drain (includes internal sinks) must be recorded when they meet the following criteria:

- **Exceed 1m³ per day**
- Could potentially contain trace elements of **prohibited hazardous** materials as set out in the attached discharge to drain log guidance note.
- Have a pH **below pH 6**
- Have a pH **above pH 11**
- Temperature **exceeded 43C**

The log should be available at all times for inspection as part of the University Trade Effluent Permit requirements. **Failure to provide this can result in prosecution.** Discharges to **surface water drains** are **not permitted in any circumstance.**

Date	Location	What has been discharged?	Solid/Liquid	Amount	pH value	Who discharged?
<i>Date of discharge</i>	<i>Lab/room/drain etc</i>	<i>e.g. 1% dilute Virkon solution, trace element of diluted sterilised blood from petri dish cleaning.</i>	<i>Solid/liquid/ both</i>	<i>In the most appropriate measurement e.g. liquids in ml, solids in grams</i>	<i>at point of discharge</i>	<i>This is a contact name only – not an admission of liability</i>

Prohibited Substances

The following substances are explicitly listed within our Trade Effluent Consents as **PROHIBITED** and **must never enter** the drainage network under any circumstances.

If you need to dispose of any of these substances and cannot do so through the existing chemical or hazardous waste disposal processes, please contact sustainability@swansea.ac.uk to discuss alternative options.

Substance	Notes
Compounds of the following elements: antimony, arsenic, barium, beryllium, boron, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, tellurium, thallium, tin, titanium, uranium, vanadium and zinc.	Prohibited at all times
Organo-halogen, organophosphorus or organonitrogen pesticides, triazine herbicides, any other biocides	Prohibited at all times
Cyanides and compounds containing cyanides	Prohibited at all times
Mineral oils and hydrocarbons	Prohibited at all times
Poisonous organosilicon compounds, metal phosphides and phosphorus element	Prohibited at all times
Fluorides and nitrites	Prohibited at all times
Live microbiological cultures	Prohibited at all times
Corrosives (acids and bases)	Prohibited at all times
Oil and grease including mineral oils and oil emulsions	Prohibited at all times
Tar and tar oils	Prohibited at all times
Paints and varnish	Prohibited at all times
Phenols, cresols and simple derivatives	Prohibited at all times
Organo-halogen compounds, including pesticides, herbicides (their residues) and degreasing agents	Prohibited at all times
Any substance that can or has the potential (when mixed with other compounds) to cause a nuisance (e.g. smell)	Please check SDS before discharge
Any substance that produces flammable, harmful or toxic vapours (e.g. solvents, petroleum spirit)	Please check SDS before discharge
Beer	Prohibited at all times
Nanoparticles	Prohibited at all times

Trace Metal	No more than 1m ³ and/or contains more than 2mg/L of metals
Anything with the hazard symbol/s: <ul style="list-style-type: none"> • H400 • H410 • H411 • H412 • H412 • H420 	
Anything substance below pH 6	
Anything substance above pH11	
Anything containing any solids/semi-solids (suspended solids)	Filtration options are available, but must be checked with the sustainability team before use to ensure effectiveness and compliance
Unsterilized blood products	