

Tankered Waste Application Approval Process Overview

Please note:

All fields need to be fully completed and a company each sample provided for analysis.

See guidance notes below:

1. Nature of Business, Process Generating the Waste and Description of Waste:

With an emphasis on providing a comprehensive description on the process and the materials involved in all elements that affect/constitute the waste e.g. at product stage and at cleaning/recovery stage.

You must classify the waste as defined by using WM3 guidelines.

Also, list any variation in the strength, appearance etc. Also, list any controls that can be put in place, including testing in advance and providing results to STW prior to delivery.

2. pH, COD, Solids Contents:

If not know, then approximate values are sufficient for the form.

3. Flashpoint:

It needs to be greater than 60 degrees centigrade, so if this is the case.

Please state either '>60' or provide the actual value e.g. '>70'.

4. Materials Present Y/N section of Waste Approval Form:

If a material is definitively present then either a 'Yes' can be entered, and then depending on the level you could change it to stating the amount in mg/l or state 'trace/background levels'. If the process/waste is known not to contain a material, or what is natural occurring in water etc. then state 'No'.

5. Any other relevant information please put at the bottom of the Form e.g. going through a 6mm filter, or only traces/minuscule present of this material.

Provision of any, or all supporting Material Safety Data Sheets of product(s) that make up the waste.

Analysis:

A suitable sample for STW to analyse (see contact/address below) and an analysis from an UKAS accredited Laboratory (see minimum requirements below).

- Sample for STW to Analyse: Please send to the address listed below accompanied by a hardcopy of the Waste Approval Form, with the electronic version sent to me (prior to sending off the sample).

Note:

The sample needs to be in an appropriate and secure bottle/container and contain a minimum of 2.5 litres.

Or

If a full UKAS accredited analysis (detailed below) is provided, then only ½ litre is required i.e. for the Respo test (details below).

Please send samples to;

FAO: Tankered Trade Waste,
Severn Trent Water - STW,
Stoke Lane,
Burton Joyce,
Nottingham,
NG14 5HL.

Or at another STW site by arrangement.

Note: Contact Number **0345 6080107**

Providing Your Own Analysis/Results

If you wish to provide your own analysis, then please provide the following;

- For Digester/AD Waste Streams (COD > 40,000 mg/l) a 'Respo' Test for Digester strength waste will need to be carried out by STW.

The 'Respo' test uses sludge from a sewage treatment works with a sample of the waste added, and the results indicates if the waste produces gas or inhibits gas production.

So, if you can produce or have a laboratory analysis of a BMP test (Bio Methane Potential) which shows the gas producing qualities this will assist when seeking approval.

- For All Waste Stream(s) show the levels present in mg/l.

COD	Suspended Solids	Ammonia	Phenols
Iron	Zinc	Nickel	Cadmium
Antimony	Aluminium	Mercury	Copper
Chromium	Silver	Cyanide	Arsenic
Fluoride	Sulphate	Nitrate	

Note: Where the waste contains other materials e.g. solvents, hydrocarbons, then additional analysis may also be required.

Thank you for taking the time to read this.

Red materials list

SUBSTANCE	TICK IF PRESENT	RED LIST	LIST I	LIST II
Mercury and it's compounds		YES	YES	
Cadmium and it's compounds		YES	YES	
All isomers of Hexachlorocyclohexane		YES		
All isomers of DDT		YES	YES	
Pentachlorophenol and it's compounds		YES	YES	
Hexachlorobenzene		YES	YES	
Hexachlorobutadiene		YES	YES	
Aldrin		YES	YES	
Dieldrin		YES	YES	
Endrin		YES	YES	
Polychlorinated Biphenyls		YES		
Dichlovos		YES		YES
1,2 - Dichloroethane		YES	YES	
All isomers of Trichlorobenzene		YES	YES	
Atrazine		YES		YES
Siimazine		YES		YES
Tributyltin compounds		YES		YES
Triphenyltin compounds		YES		YES
Trifluralin		YES		YES
Fenitrothion		YES		YES
Azinphos - methyl		YES		YES
Malathion		YES		
Endosulfan		YES		YES
Chloroform			YES	
Perchloroethylene			YES	
Trichloroethylene			YES	
Carbon tetrachloride			YES	
1,1,1- Trichloroethane				YES
1,1,1,2- Trichloroethane				YES
2,4-D (ester)				YES
2,4-D (non-ester)				YES
2,4- Dichlorophenol				YES
2-Chlorophenol				YES
4-Chloro-3-methyl-phenol				YES
Bentazone				YES
Benzene				YES
Biphenyl				YES
Boron				YES
Chlorotoluenes				YES
Chromium				YES
Copper				YES
Cyfluthrin				YES
Demeton				YES
Dimethoate				YES
Flucofuron				YES
Iron				YES
Lead				YES
Linuron				YES
Malathion				YES
Mecoprop				YES
Mevinphos				YES
Naphthalene				YES
Nickel				YES
Omethoate				YES
PCSD's				YES
Permethrin				YES
Sulcofuron				YES
Toluene				YES
Triazphos				YES
Vanadium				YES
Xylene				YES
Zinc				YES

For more info on what we can do for you or to make a booking call **0345 608 0107** or email **tankeredwaste@severntrent.co.uk**

