

Standard Operating Procedures		SOP Ref: LTP-03	LTP-03 – Request to Discharge to Sewer	
Approved & Issued by:	Lindsey Dryden		Written by:	Stuart McNish
Operational Area:	BKP Environmental Romsey			
Title:	Request to Discharge to Sewer			

1. Activity

This activity is for the authorisation to discharge waste material to foul sewer under the trade effluent discharge consent in compliance with southern water consent 16476 & water industries act 1991. It is imperative this process is followed to prevent any fugitive emissions to the environment about the permitted limits.

2. Persons at Risk

- Operator
- Other yard operatives
- Driver
- General public
- Contractors and visitors
- Shared Site Occupancy

3. Hazards

- Inclement weather, ice, snow, rain or fog
- Slips, trips, falls
- Exposure to chemicals within the waste material
- Working at height

4. Procedures

a) You as the Operator

Ensure material has been sampled from location 8 in accordance with LTP-OP2 – Sampling prior to discharge to sewer in line with this procedure so the sample is representative of the material to be discharged.



This SOP is subject to review as soon as reasonably practicable in the event of the occurrence of any incident, or series of incidents, related to this activity; at a date that the Senior Management Team considers appropriate OR in any event, NOT LATER THAN 2 YEARS from the date of issue.

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Once sampling has been completed it is to be analysed against the consent in the onsite laboratory by or under the supervision of a HNC qualified chemist.

The material must be analysed against the parameters of the consent;

12.Limits on Effluent Composition

The following trade effluent constituents shall not exceed the stated concentration.

	Constituent	Maximum Concentration
12.1	Chemical Oxygen Demand Shaken as O	1000mg/l
12.2	Chloride	1000mg/l
12.3	Nitrogen Ammoniacal as N	60mg/l
12.4	Solids Suspended 105 Degrees C	500mg/l
12.5	Sulphide as S	1mg/l

DATED the 28th July 2016

SIGNED



Patricia Quintana
(Trade Effluent Manager)

12.Limits on Effluent Composition

Amend clause to read:

The following trade effluent constituents shall not exceed the stated concentration.

	Constituent	Maximum Concentration
12.1	Oil and Grease	200mg/l

The analysis should be completed using the Hach spectrophotometer and associated vials as directed and in the "LTP-LAB-XX" Operating procedures to assess against the parameters of the consent.

Only material that has been pre-accepted via the central pre-acceptance system and approved by technical assessment is suitable for discharge to sewer.

Sewage/Cess/Gulley Liquors are the only permitted materials for the consent. Materials falling from other originating sources are only suitable for treatment at third party facilities – See LTP Manager / Technical Assessor / General Manager as appropriate.

Results of the analysis are to be recorded on sheet "LTP-LAB04 – Request to Discharge to Sewer"

A copy of the document is overleaf and should be fully completed and submitted to the General Manager, Group Operations Director & Group Technical Director for approval.

N.B. The current weather conditions must be recorded and time of previous rainfall on submission. The conditions of the consent mean we cannot discharge until 1 hour following any rainfall

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Date:-	Sampled By:-
Sample Location:-	Time:-
Temperature:-	Signed:-
Analysis completed by:-	Sample stored in sample cupboard:
Visible Oil layer:- Yes/No	Malodorous:- Yes/No

	pH	COD (mg/l)	Chloride (mg/l)	Nitrogen as Ammonical N (mg/l)	Sulphide (mg/l)	Suspended Solids at 105 degrees (mg/l)
Raw Result						
Dilution Factor						
Corrected Result						
Discharge Internal Limit (results must fall within 10% of actual)	6.5-9.5	910	910	54	0.9	450

<p>Comments:</p> <p>Weather conditions:-</p>

Material is suitable for Discharge to sewer:-	Date:-
Approx Volume to discharge:-	Time:-
Approved By:-	Position:-

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Material must fall within a 10% of the agreed limits to allow tolerance within the consent. Should material fall over the 90% mark but less than 100% it may be diluted sufficiently to meet the consent.

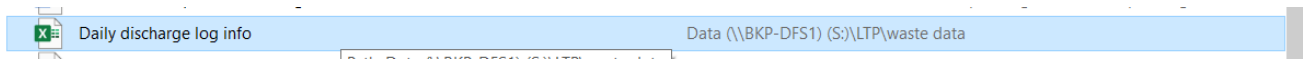
All material entering the discharge bath should be tested prior when leaving the AVC treatment. Material out of spec can be transferred to a bulk storage tank for transfer to third party WWT facility as agreed with LTP Manager / General Manager / Director.

If Material sampled from the discharge bath meets within the spec of discharge it will be authorised by a manager. The authorisation should be saved and filled on the BKP Server S:\LTP\waste data\Discharge – With a scan of the analysis and the results.

Samples should be retained and 3 x 1L samples are refrigerated for Southern water, 1L retained in the onsite laboratory in the "discharge sample" cupboard & 1L for external analysis.

All samples must be clearly labelled and dated with their results written on the labels (or on the bottles in permanent marker).

It is essential all data is recorded and logged on the discharge log on the BKP server.



Once approved material may be released to foul sewer in accordance with the trade effluent discharge consent conditions being satisfied and there being no rainfall within 1 hour prior to discharge, the material being of ambient temperature (it is always stored outside in a bath prior to discharge) at a maximum of 3l/second.

NB: You must not proceed to sign this form if you feel you do not fully understand the methods and procedures outlined in this Standard Operating Procedure

Print: Sign: Date.....

Signed off by:

..... Director / Manager / Supervisor

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