

Standard Operating Procedures		SOP Ref: LTP-02	LTP-02-Sampling prior to discharge to sewer	
Approved & Issued by:	Lindsey Dryden		Written by:	Stuart McNish
Operational Area:	BKP Environmental Romsey			
Title:	<b>Discharge Sampling</b>			

### 1. Activity

This activity is for the sampling of treated wastes prior to discharge to sewer. It complements the sampling of inbound wastes, pre-acceptance procedures, the site waste management permit & SGN5.06. The sampling process is to ensure compliance with the trade effluent discharge consent to southern water 16476 & P.7025/H/97.

### 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

Sampling must be taken via the agreed sampling point on the site plan at position "8" in the bottom left hand corner of the yard, furthest away from the road from the Red discharge bath as pictured.



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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Discharge Bath



Sampling Point

**Prior to taking a sample a top sample must be taken of the discharge bath to ensure there are no separate phases or hydrocarbon contamination. This can be completed using the sludge judge or another suitable core sampling stick. A "top" sample can also be taken using a bucket. This can then be visually inspected in a suitable vessel**

**Should there be any hydrocarbon contamination at any point please refer to the LTP manager or General Manager. Under no circumstances should this material be discharged to foul sewer.**

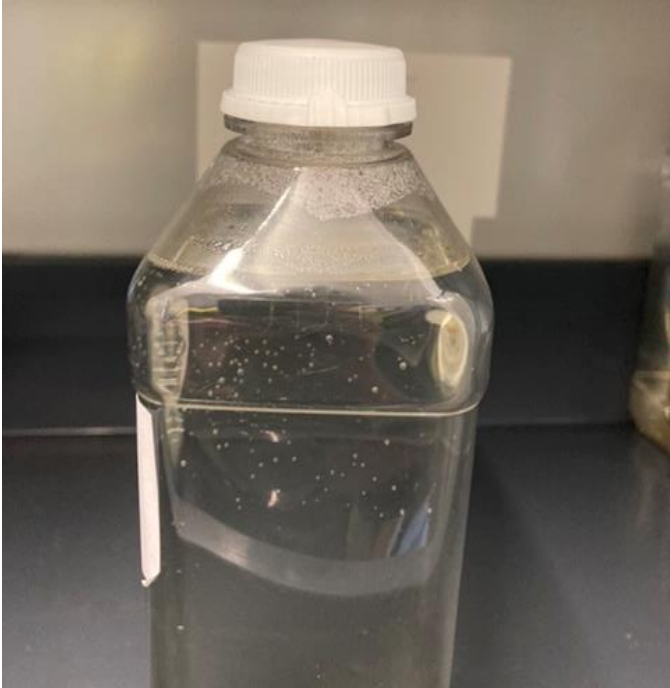


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Once representative sample is taken then it should be assessed for a visible hydrocarbon layer. None should be seen when viewed against a white background



Once it is confirmed there are no visible hydrocarbons then sampling can begin from the sampling point as per the below;



**5L of sample must be taken. 3L for Southern Water, 1L for in-house testing, 1L for external analysis. 3L should be stored in the fridge in the weighbridge office for southern water. The sample bottles are available in the onsite laboratory. If there are not any sample bottles please see the liquid treatment plant manager.**

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**b) To Safely Sample**

Prior to sampling, ensure the area is safe to work in and no spills or slip/trip hazards. Prior to sampling ensure you are wearing the relevant PPE (glasses, hard hat, safety boots or wellingtons, gloves, long sleeves).

Ensure you have 5 x empty 1L containers and lids.

Ensure you have a sludge judge or bucket to assess if there is any hydrocarbon contamination from a core/top sample

**c) Following Sampling**

Samples are to be delivered to the onsite laboratory for testing against the consent. 3 x 1L samples are to be retained for southern water, 1 x 1L sample for external analysis, 1 x 1L sample for in-house testing and retention.

No material is to be discharges without completion of *“LTP-OP3 – Request to discharge to sewer approval”* being completed and signed off by General Manager / appropriate director. Completed requests should be signed off and samples should be labelled with results from in-house analysis completed.

**It is vital these procedures are followed and representative sampling is completed prior to any release to the environment.**

**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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