

BEST TANKERING PRACTICE

SITE NAME: AVONMOUTH

SITE ID: 13013

This site is permitted by the Environment Agency and activities in certain areas are closely regulated. There are waste permits covering the following areas:

Combined heat & power plant, drier, gas to grid and food waste facility. Permit Reference – EPR/PP3734LK

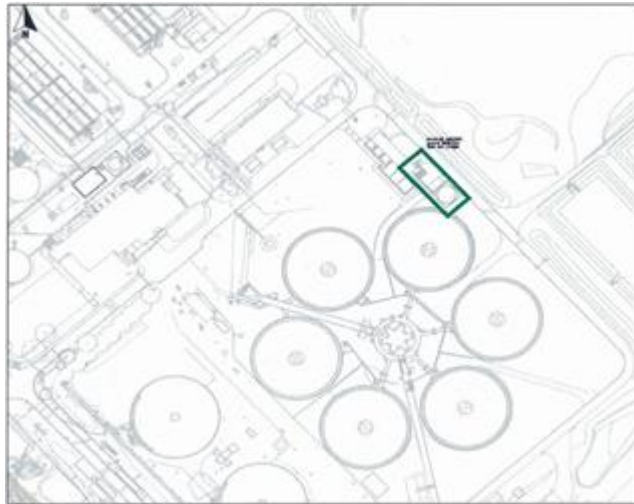
Treatment centre. Permit Reference – EPR/SP3131QJ

Sludge imports area. Permit Reference – EPR/UP3797EA

Compost facility. Permit Reference – EPR/GB3809UZ

You must follow the Waste Preacceptance, Acceptance and Rejection procedure TRTWP549. This includes collecting preacceptance samples as requested and **undertaking acceptance tests at the origin site and at Avonmouth BC as detailed on page 2.**

The area covered by the permit EPR/UP3797EA is highlighted in the schematic below:



Max size tanker that can access site:	
Artic / 27m ³	
Most effective tanker size and pump to use:	
Blower	
Location of Discharge tank on site: 2 discharge points on the right just after the 2 nd road on the right.	
Drive in procedure: Drive through the barrier into the works. Continue straight ahead observing the 10-mph speed limit. Just after the 2 nd turning on the right, beyond the building; turn around in the turning area and reverse back to one of the discharge points. Do not spin the loaded tanker around on the concrete pad; turn by completing a three-point turn. To exit the site, follow entry route back to main barrier.	
Off- loading procedure: Connect to one of the 6" discharge pipes then log into the Sludge Import logger. When the relevant line valve opens; commence discharging. Carry out acceptance assessments (visual, odour, pH assessments) and record on form located in the PH near the sludge discharge point.	
Lights: Yes.	Switch Location: Works lights

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Wash down water/hose: Yes. Also, Pressure Washer located next Sludge tank.
Dewatering: N/A
Best Tankering Practice: Do not leave a discharging vehicle unattended.
%DS average expected:

Acceptance tests

At the origin site

On collection (if possible) carry out a **visual inspection** of the sludge:

- check for any signs of heavy contamination by oil, fuel or chemical.
- check the colour of the sludge is not unusual for the site. A very dark / black sludge could indicate septicity.
- check there is not a high quantity of rag of other foreign bodies.
- check for fly larvae, maggots or adult flies.

Consider if the **odour** is normal for the site, any unusual odours could indicate contamination of oil, fuel or chemicals, or septicity.

Rejection of waste if:

- Darker colour than usual / unusual colour
- Heavily contaminated with oil or rags (or other foreign bodies)
- Presence of fly larvae, maggots or adult flies detected. colour or smell is unusual, or the sludge contains rag, maggots or other contaminants

If rejected, the sludge cannot be accepted at Poole BC and must be taken to an alternate site. Contact tanker desk for direction. Out of hours, call ROC for direction.

On arrival at Avonmouth BC

Take a sample of sludge following the procedure [taking sludge samples from tanker at reception centre](#) and complete the following three checks (if not completed at the origin site).

1. Visual inspection
2. Odour assessment
3. pH test

1. Visual inspection

Inspect the sludge and rejection if:

- it is a darker colour than usual / unusual colour
- it is heavily contaminated with oil or rags (or other foreign bodies)
- it contains fly larvae, maggots or adult flies detected.

2. Odour Assessment:

The table below gives a rating and description of the odour assessment of the waste. It also provides actions for the operational team member to carry out.

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Waste is rejected if it: has a different / unusual odour suggesting the waste is septic or has other contamination like fuel, oil or chemicals.

Number	Description	Can the waste be discharged?	Report to/approval required
0	Normal/as expected	Yes	No
1	Slightly stronger than normal	Yes	No
2	Strong/unexpected/ underlying not associated with the waste stream (e.g., oil / chemical / unusual odour	No – Approval required.	Treatment Centre Supervisor or Manager

3. pH Test:

If the pH falls outside the expected range of 5-9, contact the site scientist who will assess the waste and once all checks are completed will decide if the waste is to be rejected. Out of hours, reject the waste and arrange with ROC to take it to another site.

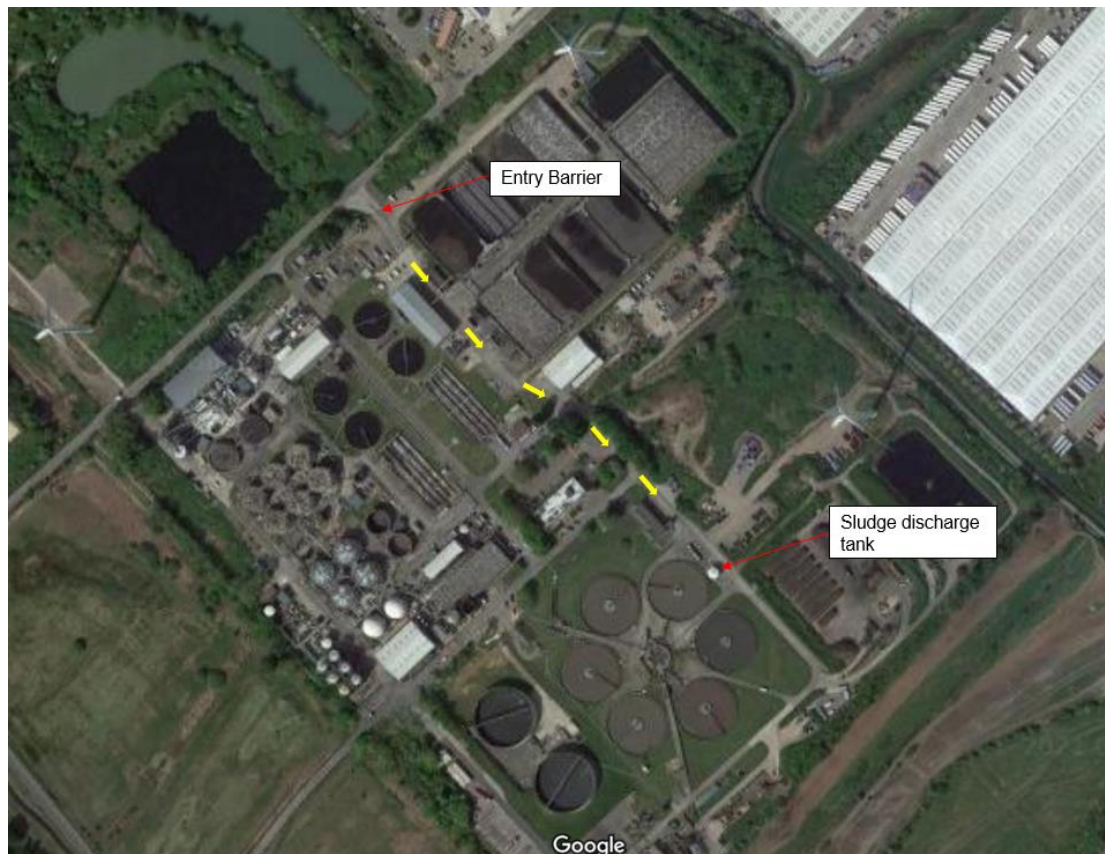
If the sludge doesn't pass any of these three tests, it must be rejected and taken to another site. Call the tanker desk for advice, out of hours call ROC

Please note this document is saved on the Site Information File and on Source (intranet), therefore if any changes are required it will need to be updated on both systems.

Useful contacts

Control Room: 01225 526800

Matthew Williams Sludge Logistics Manager West [07788 353973](tel:07788353973)



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Route through through the site



Turning area and Sludge Import discharge points

Revision History

Issue	Date	Description	Prepared by
1	24 January 2017	First Issue	Steve Baker
2	04 October 2021	New Sludge Logistics Manager. Map showing route through site added. Wash down section edited to show Pressure Washer. Barrier code removed from Best Tankering Practice section.	Barry Gregory
3	08 March 2023	Addition of Environmental Permit information	Louise Antell Paul Whitehand
4	28 March 2025	Addition of new sampling information	Louise Antell
5	04 April 2025	Updating the new sampling techniques to comply with the new IED Permit	Matthew J Williams

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