

BUEEMSOP008 Emissions to Water

Version control

Version	Change	Date	Authority
1	Creation of new Environmental and Energy operational control procedure	24/10/2019	Sustainability Manager
2	Update to include details of sewage pumping stations and use of soakaways and ditches (as is the case at Chapel Gate) for the discharge of surface water	01/07/2020	Sustainability Manager
3	Addition of BGB Rainwater Harvesting system.	19/10/21	Energy Manager
4	Reviewed	30/10/2023	Maintenance Manager

Bournemouth University Environmental and Energy Operational Procedure
OPERATIONAL PROCEDURE: BUEEMSOP008 Emissions to Water
Department: Estates Site: All (in scope) Authors: Maintenance Service Manager Approved by: Sustainability Committee
PURPOSE: To minimise emissions and discharges to water To minimise pollution risks by ensuring potentially polluting materials are stored safely and appropriately To ensure compliance with the Water Resources Act 1991 and Environmental Permitting (England and Wales) Regulations SI 2010/675.
SCOPE: All staff dealing with substances, materials and activities that do or may cause pollutants to be discharged to water.
METHOD: The Maintenance Service Manager (MSM) is responsible for the maintenance of above ground sanitation and rainwater systems, and the below ground storm and foul water

systems. Maintenance of the sanitation (above ground foul, waste and trade effluent drainage) system is the responsibility of the Maintenance Services team.

Above Ground Rainwater System

- Maintenance of the Above Ground Rainwater Systems including downpipes gullies and the connection to the piped underground drainage system is the responsibility of the MSM.
- The rainwater harvesting system for Fusion, PGB and BGB buildings is used to flush the toilets and is maintained by the Maintenance Services team.

Sewerage and Drainage (below ground) Systems:

- The below ground drainage systems within the extent of the property are the responsibility of the MSM.
- The sewerage systems into which the drainage systems connect are the responsibility of Wessex Water.
- The University has drainage plans showing foul, surface water and combined sewers and drains for Talbot Campus, including Talbot Village halls of residence. Effluent from the sanitation system is directed to foul drainage and then into the foul sewerage system.
- The University has limited plans showing surface water discharges to drainage systems for Lansdowne Campus and Chapel Gate.
- The University does not have any trade effluent consents for the discharge of sewage to the sewerage system. The University maintains two sewage pumping stations; one on Talbot Campus and one at Chapel Gate. Both are fitted with alarms in case of failure.
- Effluent from the Above Ground Rainwater System is directed to surface water drains or soakaways and then either to surface water sewers, foul sewers or to agreed watercourses/ditches. The University does not have consent to discharge anything other than rainwater into the surface water sewers.
- Hazardous materials are stored in bunded facilities to prevent the materials reaching surface water or foul sewage systems.

Management of hazardous material spills

- Spill kits are located with the Facilities Assistants at Talbot and Lansdowne Campuses. Spill kits are also located where Faculty's hazardous materials are stored. A spill kit is located at Chapel Gate where fuel is stored.
- See BUEEMSP006 Emergency Preparedness and Response Procedure and BUEEMSOP007 Hazardous Material Spill Response Procedure for further details regarding how to manage hazardous material spillages.

EFFECTS & ACTIONS ON NON-CONFORMANCE:

If this procedure is not applied it will result in:

- a failure to comply with relevant legislation
- a failure to minimise on-site pollution risks,
- a non-conformance with clauses of the ISO 14001 and ISO 50001 standards.

Departures from this procedure are addressed using procedure BUEEMSOP009 Nonconformity and corrective action.

