

Environmental Management System – Documented Information

3.5.4 Discharges to Water

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Purpose

This document is to explain how discharges to water are managed at the Institution in order to:

- address the risks and opportunities associated with aspect 'Discharges to Water'.
- minimise discharges to water.
- ensure compliance with the institution's effluent discharge consent and relevant environmental legislation.

Scope

This procedure covers all discharges to surface water and effluent drains across the institution.

Definitions (ISO14001:2015)

Risks and Opportunities – potential adverse effects (threats) and potential beneficial effects (opportunities).

Process – Set of interrelated or interactive activities which transforms inputs into outputs.

Responsibilities

Head of Asset Maintenance/ Head of Engineering Maintenance	Responsible for managing the planned maintenance to the Institution's surface water and effluent drain system.
Building Surveyors/ Engineering Maintenance Team	Responsible for planned maintenance to the institution's surface water and effluent drain system.
Maintenance Services Team	Responsible for reactive maintenance, conducting minor repairs to the institution's surface water and effluent drain system.
Maintenance Services Manager (Mechanical)	Currently responsible for managing the 'Lanes for Drains' contract.
Technical Managers Network	Responsible for ensuring compliance with each Department's trade effluent discharge consent.
Operations Manager (Food and Beverage)	Responsible for ensuring that grease traps are used correctly by catering staff and that oil is stored and disposed of in an appropriate manner.

Related Documents

Relevant environmental aspects and associated environmental impacts are detailed within the [Aspects and Impacts Register](#).

Process

Drainage system

- Durham University is working towards identifying all surface water and effluent drainage routes, which will be marked on the campus site drainage plans.
- The drainage system is maintained by the Engineering Maintenance, Asset Maintenance and Maintenance Service teams who conduct planned and reactive minor works / repairs as and when required.
- Prior to the commencement of construction works CCTV drainage surveys are conducted, in relevant areas, to determine the structural integrity of the drainage system. The survey reports are held by the Senior Property Asset Manager.
- The Engineering Maintenance Team is responsible for installing grease traps in kitchens, to ensure fats, oils and greases do not enter the drainage system.
- The Estates and Facilities Directorate is responsible for managing all issues relating to the drainage system.

Environmental Permit

The University does not have consent to discharge anything other than rainwater into the surface water drains.

Vehicle washing is strictly prohibited within the Institution's estate.

Effluent Discharge consent

- Durham University has three effluent discharge consents from Northumbrian Water, under the Water Industry Act 1991, to discharge effluent into the trade effluent sewers servicing the following locations:
 - W0706/D2 for Science Laboratories, South Road, Durham, DH1 2LE (01/06/1994)
 - W1081 for Biological Sciences, Science Site, South Road, Durham, DH1 3LE (made 07/10/2015)
 - W1234 for Graham Sports Centre, Maiden Castle, Stockton Road, Durham, DH1 3SE (made 11/08/2011)
- Northumbrian Water reserve the right to take effluent samples, copies of analysis will be sent to the Energy & Sustainability Team.
- In the case of a breach of consent the Energy & Sustainability Team and departmental representatives are responsible for:
 - determining the root cause of the breach.
 - liaising with Northumbrian Water.
 - implementing corrective action.
- Consents and effluent sample results are stored in the Estates & Facilities Directorate.

Emergency response

- Spill kits are located in hazardous waste and hazardous substances compounds and in laboratories.
- See [3.6.2 Emergency Preparedness and Response Procedure](#) for further details regarding how to manage chemical or oil spillages.

Effects and Actions on Non Conformance

Failure to comply with this procedure may result in:

- Non-conformance with the requirements of EcoCampus and the ISO 14001:2015 standard.

Departure from this procedure is addressed in the procedure [4.3.1 Non Conformance, Corrective and Preventive Action](#).

Version Control

Date:	Version:	Author:	Authorised by:
30/04/2020	1.0 draft	S. Park	
27/11/2020	1.1	S. Park	J. Robson
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