

# **Ellesmere Port WwTW Sludge Treatment Facility EPR/ZP3031LJ Environmental Permit Variation Application**

**Management System - Summary**

**September 2022**

# Ellesmere Port WwTW Sludge Treatment Facility Environmental Management System Summary

1.	Introduction .....	2
2.	Site Infrastructure Plan .....	2
3.	Site Operations.....	2
4.	Site equipment and maintenance plan .....	2
5.	Contingency Plans .....	3
6.	Accident prevention and management plan.....	3
7.	Contact information.....	3
8.	Complaints procedure.....	3
9.	Managing staff competence and training records.....	4
10.	Keeping records.....	4
11.	Management system reviews.....	4

# Ellesmere Port WwTW Sludge Treatment Facility Environmental Management System Summary

## 1. Introduction

As part of its application for an environmental permit for the Ellesmere Port WwTW Sludge Treatment Facility, United Utilities Water Limited (UUW) is required to provide details of the management system it will provide for the facility, including a summary of the management system. This document provides that summary.

UUW was awarded certification to BS EN ISO14001:2004 for its Environmental Management System in October 2004 and has maintained this certification. In addition, UUW also holds certification to BS EN ISO 9001:2015; this is the quality assurance document management system which supports the ISO14001 and other written procedures for delivering the key aspects of the ISO14001. Together these form the backbone of UUW's Environmental Management System (EMS).

In accordance with the Environment Agency (EA) guidance "Develop a management system: environmental permits" on the gov.uk website, the following sections summarise the management system (MS) that will be provided for Ellesmere Port WwTW Sludge Treatment Facility under our ISO14001 EMS.

## 2. Site Infrastructure Plan

The permit application included a scaled location plan, a scaled site boundary plan that identified the different elements of the waste treatment process, a process flow diagram and drainage plans. The MS will include suitable plan(s) that meet the requirements of the EA guidance.

## 3. Site Operations

The site operations and how they are controlled are detailed within the Application Support Document of the permit application package. The MS will include all necessary information about site operations and waste storage and management.

No fire prevention plan is required.

## 4. Site equipment and maintenance plan

As detailed in the Application Support Document of the permit application package, the site operates under an EMS manual detailing the Standard Operating Procedures (SOP's) and Site Specific Instructions (SSI's) applicable to each process. These instructions have been designed to ensure safe and effective operation and to minimise known hazards from the installation and include procedures for maintenance, training and accident response.

The Production Manager will review the EMS for the installation and arrange the necessary updates to include the operations, inspection and maintenance of the new plant. The Production Manager will also arrange staffing resources and training for operation, monitoring and maintenance of the new plant. All scheduled maintenance will be set up on the Master Asset Management System (MAMS)SAP and all proactive and reactive maintenance undertaken will be recorded on Mobile Asset Resource Scheduling

# Ellesmere Port WwTW Sludge Treatment Facility

## Environmental Management System Summary

(MARS) against the requirements of the plan. For changes to activities, please see Tables 1a and 1b in Section 3.

### 5. Contingency Plans

The MS will include contingency plans detailing what actions U UW will take to minimise the impact on the environment for each of the following scenarios:

- breakdowns
- enforced shutdowns
- any other changes in normal operations that may result in an impact on the environment

Many of these have already been detailed within the Environmental Risk Assessment and Management Plan provided in the Application Support Document of the permit application package.

### 6. Accident prevention and management plan

An accident prevention and management plan for the operation of the installation, to assess the potential for all foreseeable accidents that may impact upon the installation, has already been prepared and submitted – see also Section 10 of the Application Support Document. The plan takes into consideration the requirements of the EA guidance, including scenarios described within Section 2.8 of the Guidance Note S5.06 (Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste) and uses the H1 risk assessment methodology to assess:

- likelihood of the accident happening
- consequences of the accident happening
- measures to be taken to avoid the accident happening
- measures to be taken to minimise the impact if the accident does happen
- In accordance with our ISO 14001 procedures, U UW will record, investigate and respond to accidents or breaches of any permit conditions.

### 7. Contact information

As with all our other sites holding waste and/or installations environmental permits, we display a notice board at or near the site entrance providing the following information:

- the company name, site name and permit number
- emergency contact details
- a statement that the site is permitted by the Environment Agency

### 8. Complaints procedure

In accordance with its ISO 14001 accreditation, U UW has a well-established complaints recording and investigation procedure. This procedure is applied at all other U UW permitted sites and will form part of the MS for this installation.

# Ellesmere Port WwTW Sludge Treatment Facility Environmental Management System Summary

## 9. Managing staff competence and training records

In accordance with its ISO 14001 accreditation, the MS will detail the management and responsibilities for the operations of the installation, including details of technically competent management (CoTC holders). UUW procedures for checking staff and contractors required training and/or qualifications will be applied at this installation and all training and qualifications will be recorded.

## 10. Keeping records

In accordance with our ISO 14001 and ISO 9001 accreditations, UUW will hold and maintain all records appropriate to the operation and management of the installation, including (but not limited to):

- copies of all permits
- risk assessments
- all management system plans
- odour management plan
- site operating procedures
- staff competence and training
- environmental monitoring
- compliance checks, findings of investigations and actions taken
- complaints made, findings of investigations and actions taken
- audits of management system, findings (reports) and actions taken
- management reviews and changes made to the management system

In accordance with the Duty of Care for waste, records will also be kept of all waste movements.

## 11. Management system reviews

The MS for the installation will be subject to regular review and updating. All reviews and any resulting changes will be recorded.