

Permitting Decisions- Bespoke Permit

We have decided to grant the permit for Seloxium Ltd - Wilton operated by **SELOXIUM LIMITED**.

The permit number is **EPR/WE7029AC**

The permit was granted on **26/02/2026**.

The application is for the operation of a chemical treatment facility. The permitted annual throughput is less than 250 tonnes.

Treatment consists of the adsorption of the precious metals from the permitted list of wastes using a proprietary material to immobilise the precious metals as a solid inside a mixing tank. The precious metals will bind onto the adsorbent materials and be filtered off and sent to an appropriate refinery. The bulk liquid waste is then returned to its original container for disposal.

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that the appropriate level of environmental protection is provided.

Purpose of this document

This decision document provides a record of the decision-making process. It summarises the decision-making process to show how the main relevant factors have been taken into account.

Decision considerations

A claim for commercial or industrial confidentiality has been made.

SELOXIUM LIMITED have made a request for commercial confidentiality regarding the technical and operational information, including chemical compositions, process flow diagrams, engineering designs, and operational parameters on the grounds that they are sensitive and commercially confidential. Disclosing this material would reveal the operator's proprietary metal-extraction technology, risk reverse-engineering, undermine competitive advantage, harm market position, and jeopardize ongoing partnerships and patent filings.

We have accepted the claim for confidentiality.

The decision was taken in accordance with our guidance on confidentiality.

Identifying confidential information

We have identified information provided as part of the application that we consider to be confidential.

Document Redactions

- **SLXDOC-04-EA-B2-6: Environmental Risk Assessment**
 - **Redacted:** Section 5(a) and 5(b) — treatment process details.
 - **Not redacted:** Sections 5(c)–(m), except for process flow diagram references.
- **SLXDOC-04-EA-PD-01: Summary of Waste Processing**
 - **Redacted:** Section 5(a), 5(b), and Figures 1–2 (processing flow diagram).
- **SLXDOC-04-EA-PFD: Typical Batch CSTR Processing**
 - **Redacted:** The entire process flow diagram.
- **WAMITAB Registration SLXDOC-04-EA-B2-3 and Competent Managers SLXDOC-04-EA-M-01**
 - Personal information (DOB, home address, personal phone numbers) redacted for privacy.
 - This information is **not** commercially confidential.

The decision was taken in accordance with our guidance on confidentiality.

Consultation

The consultation requirements were identified in accordance with the Environmental Permitting (England and Wales) Regulations (2016) and our public participation statement.

The comments and our responses are summarised in the [consultation responses](#) section.

The application was publicised on the GOV.UK website.

We consulted the following organisations:

Local authority – Environmental Health Redcar & Cleveland

Local fire service – Cleveland and Fire

Operator

We are satisfied that the applicant (now the operator) is the person who will have control over the operation of the facility after the grant of the permit. The decision was taken in accordance with our guidance on legal operator for environmental permits.

The regulated facility

We considered the extent and nature of the facility at the site in accordance with RGN2 'Understanding the meaning of regulated facility'.

The extent of the facility defined in the site plan and in the permit. The activities are defined in table S1.1 of the permit.

The site

The operator has provided a plan which we consider to be satisfactory.

The plan is included in the permit.

Site condition report

The operator has provided a description of the condition of the site, which we consider is satisfactory. The decision was taken in accordance with our guidance on site condition reports.

Nature conservation, landscape, heritage and protected species and habitat designations

We have checked the location of the application to assess if it is within the screening distances we consider relevant for impacts on nature conservation, landscape, heritage and protected species and habitat designations. The application is not within our screening distances for these designations.

Environmental risk

We have reviewed the operator's assessment of the environmental risk from the facility.

The operator's risk assessment is satisfactory.

Operating techniques

The operating techniques that the applicant must use are specified in table S1.2 in the environmental permit.

General operating techniques

We have reviewed the techniques used by the operator and compared these with the relevant guidance notes and we consider them to represent appropriate techniques for the facility.

The operating techniques that the applicant must use are specified in table S1.2 in the environmental permit.

Use of conditions other than those from the template

Based on the information in the application, we consider that we need to amend condition number 2.2.1 so that it states, “No activities shall take place in the shaded areas outlined in purple without the written approval of the Environment Agency.” This was added to address concerns regarding overlapping permits at the site.

Waste types

We have specified the permitted waste types, descriptions and quantities, which can be accepted at the regulated facility.

We are satisfied that the operator can accept these wastes for the following reasons:

- they are suitable for the proposed activities
- the proposed infrastructure is appropriate; and
- the environmental risk assessment is acceptable.

Emission Limits

The following Emission Limit Values (ELVs) have been added for the following substances:

Total Volatile Organic Compounds (VOCs): 30 mg/m³

Insert details of the substances identified and explain why we made the decision.

We have identified from the application documents that the operational processes at this facility may give rise to VOCs. A limit value of 30mg/m³ was proposed during determination and confirmed with the applicant.

Management System

We are not aware of any reason to consider that the operator will not have the management system to enable it to comply with the permit conditions.

The decision was taken in accordance with the guidance on operator competence and how to develop a management system for environmental permits.

We only review a summary of the management system during determination. The applicant submitted their full management system. We have therefore only reviewed the summary points.

A full review of the management system is undertaken during compliance checks.

Technical Competence

Technical competence is required for activities permitted.

The operator is a member of the CIWM/WAMITAB scheme.

The operator is relying on the grace period to provide technical competence.

We are satisfied that the operator is technically competent.

Previous performance

We have assessed operator competence. There is no known reason to consider the applicant will not comply with the permit conditions.

No relevant convictions were found. The operator satisfies the criteria in our guidance on operator competence.

Financial competence

There is no known reason to consider that the operator will not be financially able to comply with the permit conditions.

Growth duty

We have considered our duty to have regard to the desirability of promoting economic growth set out in section 108(1) of the Deregulation Act 2015 and the guidance issued under section 110 of that Act in deciding whether to grant this permit.

Paragraph 1.3 of the guidance says:

“The primary role of regulators, in delivering regulation, is to achieve the regulatory outcomes for which they are responsible. For a number of regulators, these regulatory outcomes include an explicit reference to development or growth. The growth duty establishes economic growth as a factor that all specified regulators should have regard to, alongside the delivery of the protections set out in the relevant legislation.”

We have addressed the legislative requirements and environmental standards to be set for this operation in the body of the decision document above. The

guidance is clear at paragraph 1.5 that the growth duty does not legitimise non-compliance and its purpose is not to achieve or pursue economic growth at the expense of necessary protections.

We consider the requirements and standards we have set in this permit are reasonable and necessary to avoid a risk of an unacceptable level of pollution. This also promotes growth amongst legitimate operators because the standards applied to the operator are consistent across businesses in this sector and have been set to achieve the required legislative standards.

Consultation Responses

No responses were received.