

Purpose

The purpose of this standard is to prevent environmental harm from contaminated land and management of soils and to ensure compliance with associated legal requirements.

Scope

This standard is applicable to all business streams and business units identified in [SHEMS-STD-GR-001](#). Derogations from this Standard are not permitted.

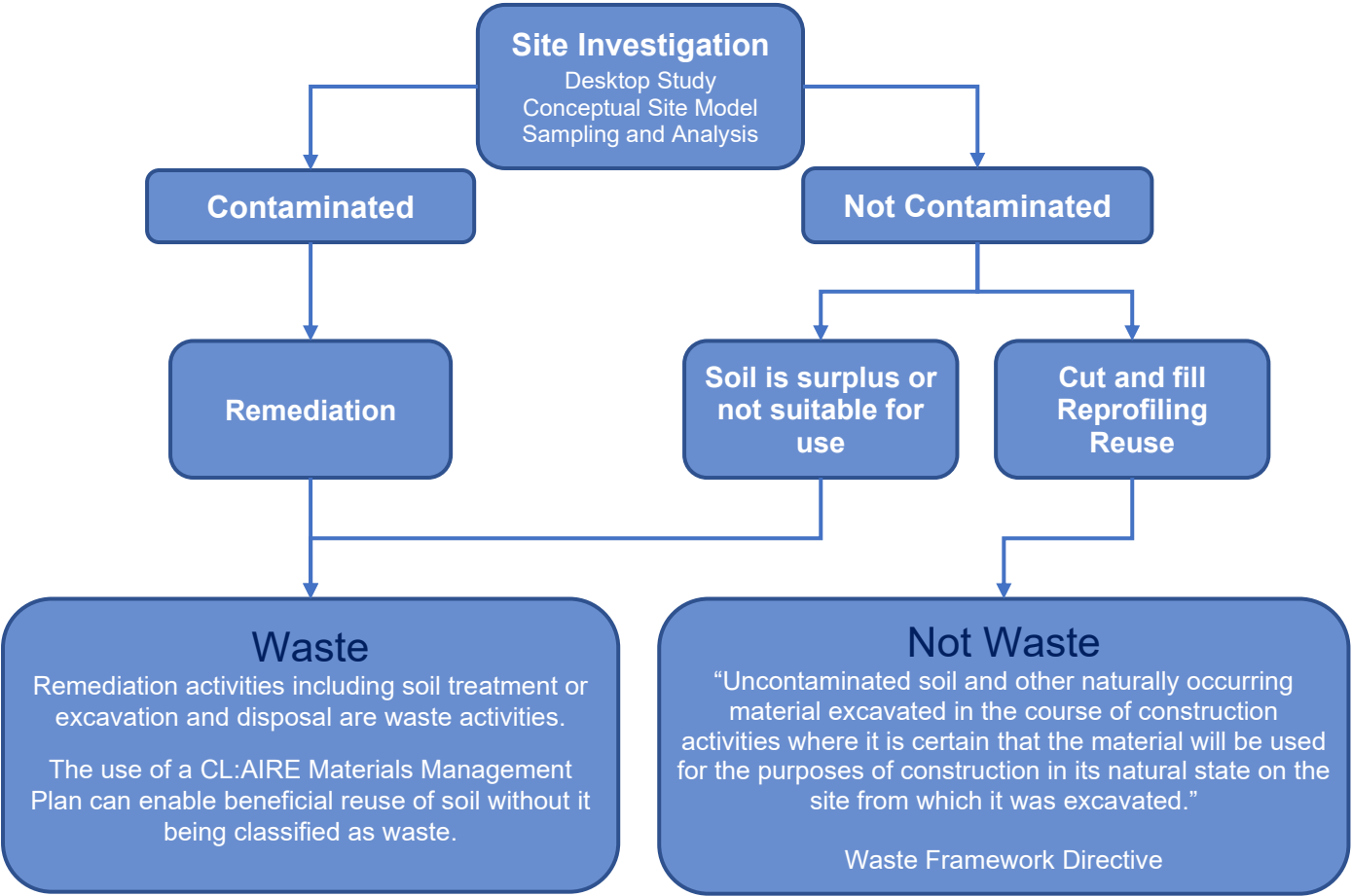
Requirements

Plan:

- Identify any known ground contamination that could affect the works, by:
 - Reviewing existing Site Investigation / Remediation Strategy or other information
 - Commissioning suitable Site Investigation works with interpretive report

Click on the boxes for Guidance Notes

Commissioning and Reviewing Site Investigation Reports



- Ensure suitable soil analysis and waste characterisation & classification testing is available or is undertaken where soils will be reused on site or sent for reuse / recycling / disposal
- Identify requirement to reuse / import soil (including topsoil) and relevant waste compliance requirements

SHEMS-STD-GR-065
Waste Management

Permits and Authorisations (England & Wales)	Permits and Authorisations (Scotland)
Waste Characterisation and Classification	Importing Topsoil
Waste Duty of Care	Soil Management



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- Identify requirement / opportunity to use CL:AIRE 'Definition of Waste Code of Practice for excavated materials', or other agreed regulator guidance where applicable
- Where remediation is required on site, ensure relevant waste permits / licences are obtained

Reusing Soil:
Waste Compliance

Waste Permits & Exemptions
on Kier Sites

Do:

Known Contamination:

- Ensure site plan is available identifying areas of contamination / restricted access etc. if applicable
- Ensure suitable barriers / signage is in place and maintained to prevent spread of contamination
- Communicate requirements to relevant persons on site e.g. decontamination procedures, preventing spread of contamination etc.
- Ensure suitable quarantine areas are provided for contaminated soil arisings
- Where a remediation strategy is in place, ensure suitable testing / records are produced throughout the works for inclusion in the Validation Report
- Comply with the requirements of any waste permit / licence in place for treating contaminated soils
- Facilitate access and supervision of persons undertaking 'Watching Brief' or other monitoring activities
- Report relevant incidents (e.g. spread of contamination causing pollution) using Novade

Unknown Contamination:

- Stop works in the event of a discovery of previously unidentified contamination
- Report to relevant Business Stream / Unit Environment / SHEA Teams for onward reporting to client / local planning authority as appropriate
- Report relevant incidents (e.g. spread of contamination causing pollution) using Novade

General:

- Manage topsoil and subsoil to maintain soil quality and structure (i.e. stockpiling, covering etc.)
- Ensure surplus soil is managed in accordance with waste requirements
- Report contact with / enforcement activity of environmental regulators using Novade

Soil Management

Check:

- That ground contamination is controlled and contained during the works
- That suitable soil analysis / testing is undertaken (including waste requirements)
- That soil storage areas are appropriate
- Where remediation is required, that any remediation targets are met in accordance with the strategy

Act:

- If control measures are not preventing damage from ground contamination as expected, consider changing working methods and protection measures (with agreement of client and / or relevant regulatory body)

Responsibilities

A = Accountable R = Responsible C = Consulted I = Informed	Group Sustainability & Environment Team	Business Stream / Unit Environment Team	Business Stream / Unit SHEA Team	Business Stream / Unit Senior Management Team	Business Stream / Unit Pre-Start / Mobilisation Team	Contract / site / project team
Identify known ground contamination and remediation requirements		C		A	R	I
Ensure suitable soil analysis is in place		C		A	R	I
Identify requirement for CL:AIRE MMP etc.		C		A	R	I
Obtain permits / licences for on-site treatment where required		C		A	R	I
Implement controls to prevent spread of contamination		C	I	A		R
Comply with permit / licence requirements for soil treatment		C	I	A		R
Report previously unknown contamination on discovery		C	I	A		R
Report any pollution incidents resulting from ground contamination	I	I		A		R
Report enforcement contact from environmental regulators	I	C	I	A		R
Check on-site controls are suitable and effective		I	R	A		R
Check testing is being done		C	R			A

Related documents

- SHEMS Documents:
 - [SHEMS-STD-GR-067 Aspect and Impact Assessment Standard](#)
 - [SHEMS-STD-GR-011 Incident Reporting and Investigation](#)
 - [SHEMS-STD-GR-022 Regulatory Authority Contact](#)
 - [SHEMS-REG-GR-005 Legal and Other SHE Register](#)

Environmental Guidance Notes relevant to this Standard ([SHEMS-GUI-GR-061a-d](#)) are mandatory documents and the guidance must be followed where it is relevant to Kier activities.