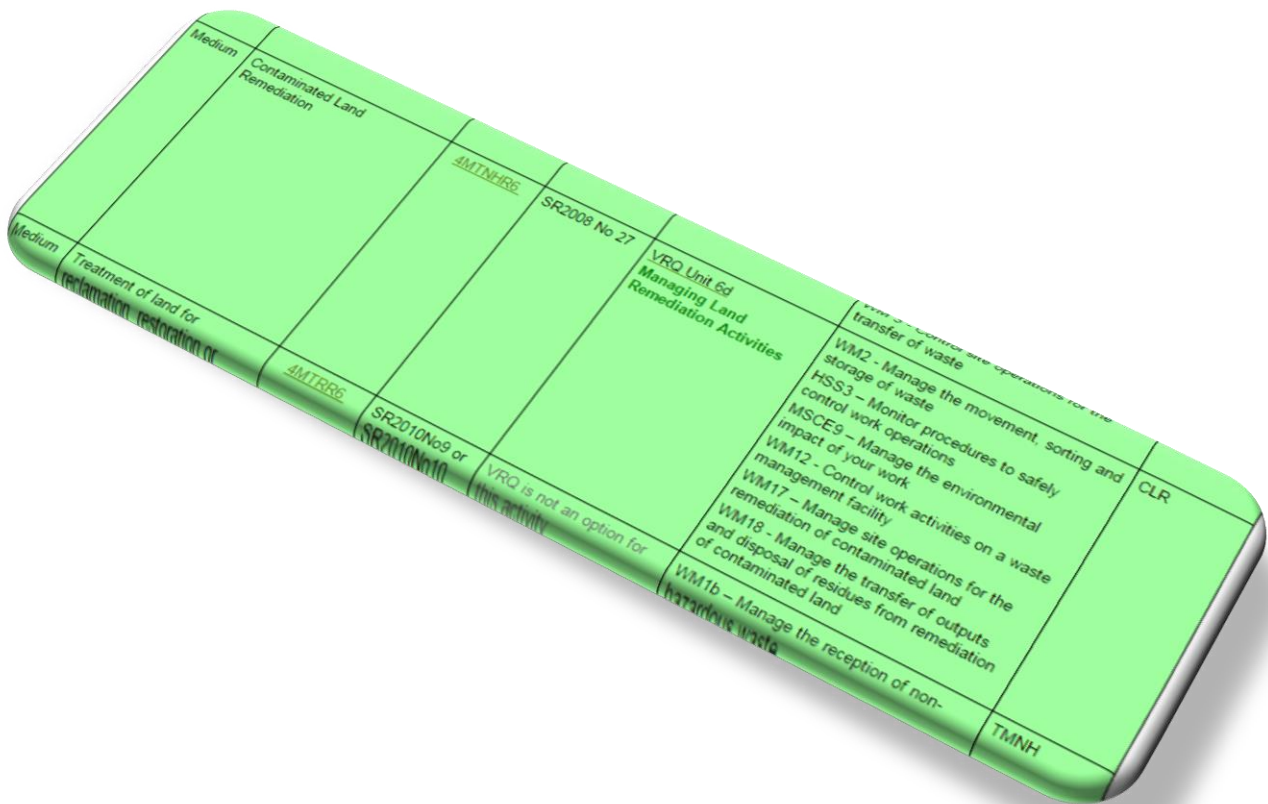


CIWM/WAMITAB Continuing Competence



Medium	Contaminated Land Remediation	4MTNHR6	SR2008 No 27	VRQ Unit 6d Managing Land Remediation Activities	transfer of waste WM2 - Manage the movement, sorting and storage of waste HSS3 - Monitor procedures to safely control work operations MSCE9 - Manage the environmental impact of your work WM12 - Control work activities on a waste management facility WM17 - Manage site operations for the remediation of contaminated land WM18 - Manage the transfer of outputs and disposal of residues from remediation of contaminated land WM1b - Manage the reception of non-hazardous waste	CLR
Medium	Treatment of land for reclamation, restoration or	4MTR66	SR2010No9 or SR2010No10	VRQ is not an option for this activity		TMNH

Contaminated Land Remediation

Revision Summary

Version 1, January 2019

Part of the CIWM/WAMITAB
Operator Competence Scheme

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Contents

Introduction	4
About WAMITAB	4
What is Continuing Competence?	4
About this Revision Summary	4
1. Site Remediation Strategy.....	5
Learning Outcomes	5
Notes.....	5
Where do I find this information?	5
2. In-situ and Ex-situ Remediation	7
Learning Outcomes	7
Notes.....	7
Where do I find this information?	7
3. Deployment of Mobile Plant.....	9
Learning Outcomes	9
Where do I find this information?	9
Notes.....	9
4. Standard Rules Permits	11
Learning Outcomes	11
Where do I find this information?	11
Notes.....	11
5. Waste Disposal.....	13
Learning Outcomes	13
Where do I find this information?	13
Notes.....	13
6. Environmental Risk, Monitoring and Control	15
Learning Outcomes	15
Where do I find this information?	15
Notes.....	16
7. Use of Wastes	17
Learning Outcomes	17
Notes.....	17
Where do I find this information?	17

Introduction

About WAMITAB

WAMITAB is an awarding organisation and charity that develops qualifications for those working in cleaning; street cleansing; facilities management; resource management and recycling and parking from operative through to management level.

Since it was formed in 1989, WAMITAB has evolved in line with the convergence between the sectors with a clear focus on promoting and supporting environmental sustainability. With over 120 qualification pathways and 70 quality assured centres, WAMITAB offers an unrivalled specialist network to support staff development.

What is Continuing Competence?

The CIWM/WAMITAB continuing competence scheme is designed to ensure that the technically competent person (holds a certificate of technical competence, units or a qualification that is part of the CIWM/WAMITAB Operator Competence Scheme) on a waste site has knowledge and skills that keep pace with changes made across the waste management industry, such as the introduction of new legislation, technologies and techniques.

The CIWM/WAMITAB continuing competence scheme requires technically competent people in England and Wales to pass an assessment that demonstrates individuals have kept their competence up to date.

Keeping competence up to date is becoming increasingly important across the UK as society starts to recognise the crucial role that waste and resource management industry professionals play in ensuring that the 434 million tonnes of waste generated every year can be treated, reused and recycled to produce a product that will contribute to further economic growth.

About this Revision Summary

WAMITAB recognise the diverse needs of learners within the sectors we represent. To support those individuals undertaking their Continuing Competence test, we have developed this revision summary.

This revision summary is designed to support you preparation by linking the learning outcomes with the areas that may come up during the Continuing Competence test.

1. Site Remediation Strategy



Learning Outcomes

- 1.1 Know the key requirements and role of the options appraisal.
- 1.2 Know the key requirements and role of the remediation strategy.
- 1.3 Know when flooding risk should be considered within contaminated land remediation risk appraisal, strategy and implementation.
- 1.4 Know the key requirements and role of the implementation plan.
- 1.5 Know the key requirements and role of the verification plan.
- 1.6 Know the key requirements and role of the monitoring and maintenance plan.
- 1.7 Know the key requirements of a basic risk management process.
- 1.8 Know the definition of a pollutant linkage.
- 1.9 Know the hierarchy of risk assessment options to be followed.



Where do I find this information?

- [Environment Agency \(2004\) Model Procedures for the Management of Land Contamination](#)
- [DEFRA \(2016\) Land Contamination: Risk Management](#)

Notes



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2. In-situ and Ex-situ Remediation



Learning Outcomes

2.1 Know the legal definition of waste in relation to remediation of land activities.

2.2 Know the definitions of the terms:

- in-situ remediation.
- ex-situ remediation.

2.3 Know the reason for choosing a range of remediation techniques as part of the options appraisal.

2.4 Know the environmental impacts that should not occur when undertaking in-situ and ex-situ remediation techniques.



Where do I find this information?

- [CL:AIRE Definition of Waste: Development Industry Code of Practice \(DoW CoP\)](#)
- [Environment Agency \(2004\) Model Procedures for the Management of Land Contamination](#)
- [Environment Agency \(2006\) The Definition of Waste Developing greenfield and brownfield sites](#)
- [Defra \(2012\) Contaminated Land Statutory Guidance](#)

Notes



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3. Deployment of Mobile Plant



Learning Outcomes

- 3.1 Know what an operator working under a mobile plant permit is required to do prior to moving to a new site.
- 3.2 Know what information the conceptual site model (CSM) should contain when submitting a deployment form.
- 3.3 Know of the reasons why acceptance procedures need to be specified on a deployment form.
- 3.4 Know how to identify authorised treatment technologies when completing a deployment form.
- 3.5 Know the requirements for attendance by a Technically Competent Manager (TCM) when undertaking an activity subject to a deployment form.
- 3.6 Know the monitoring requirements to be included in deployment form MPP2.
- 3.7 Know how long an activity can take place for under a deployment form.



Where do I find this information?

- [Environment Agency \(2012\) SR2008No27 – Mobile plant for the treatment of soils and contaminated material substances or products](#)
- [Natural Resources Wales \(2019\) Apply for a Standard Permit for Waste Operations](#)
- [Natural Resources Wales - SR2008 No27 - Mobile plant for the treatment of soils and contaminated material, substances or products](#)
- [England - MPP2 Form and guidance for land and groundwater remediation](#)
- [Wales - MPP2 Form and guidance for land and groundwater remediation](#)

Notes



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4. Standard Rules Permits



Learning Outcomes

- 4.1 Know storage and bunding requirements when storing aqueous liquids, non-aqueous phase liquid (NAPL), and fuels and oils.
- 4.2 Know which remediation activities are covered by SR2008 No27.
- 4.3 Know what actions to take if you are planning a remediation technique which is not permitted by an appropriate Standard Rule Permit.
- 4.4 Know the requirements of the Standard Rule Permit relating to records retention and security.
- 4.5 Know how a Standard Rule Permit for a mobile plant identifies which waste types can be stored or treated in accordance with the permit.
- 4.6 Know the limitations of the 'mobile plant permit' with regards to water abstraction and the limit above which abstraction requires a licence or permit.



Where do I find this information?

- [Environment Agency \(2011\) Above Ground Oil Storage Tanks PPG 2](#)
- [DEFRA \(2018\) Control and monitor emissions for your environmental permit](#)
- [Environment Agency - SR2008No27 - Mobile plant for the treatment of soils and contaminated material, substances or products](#)
- [Wales - SR2008 No27 - Mobile plant for the treatment of soils and contaminated material, substances or products](#)
- [GOV.UK \(2018\) Waste: Environmental Permits](#)
- [Natural Resources Wales \(2019\) Do you need to apply for a permit or register an exemption?](#)
- [Environment Agency \(2010\) Remediation Position Statements](#)
- [GOV.UK \(2018\) Water management: abstract or impound water](#)
- [Natural Resources Wales \(2019\) Information about water abstraction or impoundment licensing](#)

Notes



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5. Waste Disposal



Learning Outcomes

- 5.1 Know what limitations are placed on wastes sent off-site for disposal in a landfill.
- 5.2 Know what documentation is required for off-site waste treatment/disposal.
- 5.3 Know what type of accreditation a soil testing laboratory must have.
- 5.4 Know the Waste Acceptance Criteria for depositing waste soils at an inert landfill.
- 5.5 Know how to determine if a waste soil with a mirror entry is hazardous or non-hazardous.
- 5.6 Know which Persistent Organic Pollutants (POPs) are considered when determining whether a waste is hazardous or not.
- 5.7 Know the information sources which may be needed to determine if a waste has any hazardous properties.
- 5.8 Know the Hazard Properties (HP) codes for potentially hazardous wastes and the implications for staff safety.
- 5.9 Know how to manage asbestos on site including identification, options for reuse and offsite disposal.



Where do I find this information?

- [DEFRA \(2018\) Waste Duty of Care Code of Practice](#)
- [GOV.UK \(2019\) Dispose of business or commercial waste](#)
- [Natural Resources Wales \(2019\) Register as a waste carrier, broker or dealer](#)
- [Environment Agency \(2010\) Waste acceptance at landfills](#)
- [EU Council Decision – Acceptance of waste at landfills](#)
- [Environment Agency \(2013\) Contaminated Land Testing](#)
- [Environment Agency \(2016\) Land contamination: technical guidance](#)
- [Environment Agency \(2013\) Brief guide for procurers of analytical services](#)
- [Environment Agency \(2015\) Waste Classification WM3](#)
- [Dispose of waste containing persistent organic pollutants \(POPs\)](#)
- [CL:AIRE Asbestos in Soil and Construction & Demolition Materials](#)

Notes



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6. Environmental Risk, Monitoring and Control



Learning Outcomes

- 6.1 Know the requirements for managing dust in accordance with Standard Rules and Regulator guidance.
- 6.2 Know the requirements for managing odour in accordance with Standard Rules and Regulator guidance.
- 6.3 Know the requirements for managing noise in accordance with Standard Rules and Regulator guidance.
- 6.4 Know the noise levels that cause complaint.
- 6.5 Know the action needed when encountering groundwater during the excavation of contaminated soils.
- 6.6 Know what remedial action is necessary if unexpected water flow is experienced during excavations.
- 6.7 Know what action is required in the event of a leaking fuel tank in the plant compound.
- 6.8 Know what Japanese Knotweed is and how to deal with it.
- 6.9 Know the potential adverse effects of atmospheric VOC emissions.
- 6.10 Know the minimum requirements for documenting atmospheric VOC emissions.



Where do I find this information?

- [DEFRA \(2018\) Control and monitor emissions for your environmental permit](#)
- [Natural Resources Wales \(2014\) How to comply with your environmental permit](#)
- [Environment Agency \(2011\) Additional guidance for H4 Odour Management](#)
- [Environment Agency \(2002\) Horizontal Guidance for Noise](#)
- [England - MPP2 Form and guidance for land and groundwater remediation](#)
- [Wales - MPP2 Form and guidance for land and groundwater remediation](#)
- [Environment Agency \(2018\) Temporary dewatering from excavations to surface water](#)
- [Natural Resources Wales \(2019\) Discharges to surface water and groundwater](#)
- [Environment Agency \(2013\) How to comply with your environmental permit](#)
- [Environment Agency - SR2008No27 - Mobile plant for the treatment of soils and contaminated material, substances or products](#)
- [Natural Resources Wales - SR2008 No27 Mobile plant for the treatment of soils and contaminated material, substances or products](#)

Where do I find this information?



- [DEFRA \(2016\) Prevent harmful weeds and invasive non-native plants spreading](#)
- [DEFRA \(2018\) Prevent Japanese knotweed from spreading](#)
- [Japanese Knotweed](#)
- [DEFRA \(2018\) Control and monitor emissions for your environmental permit.](#)
- [Environment Agency \(2016\) Monitoring volatile organic compounds in stack gas emissions](#)

Notes

7. Use of Wastes



Learning Outcomes

- 7.1 Know the specific use of material under the U1 Waste Exemption.
- 7.2 Know the quantity limits under the U1 Waste Exemption.
- 7.3 Know the time period for quantity limits under the U1 Waste Exemption.
- 7.4 Know the constraint on renewing exemptions.
- 7.5 Know the alternatives for use of wastes when exemptions are not available.
- 7.6 Know under what circumstances waste material from a contaminated land remediation site can be considered NOT to be a waste.



Where do I find this information?

- [Environment Agency \(2017\) Waste exemptions: Use of waste in construction](#)
- [GOV.UK \(2018\) Turn your waste into a new non-waste product or material](#)
- [CL:AIRE The Definition of Waste: Development Industry Code of Practice](#)

Notes



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