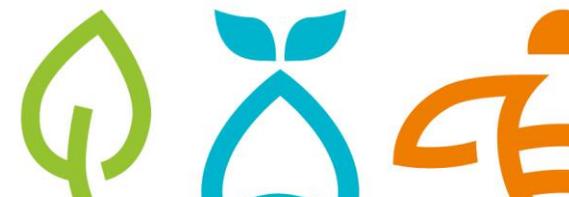


## Generic Environmental Protection

Learning Outcome	Assessment Criteria	Source
1. Understand the systems required to protect the environment and ensure compliance with an environmental permit.	1.1 Identify the rules within an environmental permit that refer to managing emissions to air, water and land.	<a href="https://www.gov.uk/government/collections/standard-rules-environmental-permitting">https://www.gov.uk/government/collections/standard-rules-environmental-permitting</a>
	1.2 Describe the systems for managing emissions to air, water and land in accordance with the identified permit rules.	<a href="https://naturalresources.wales/permits-and-permissions/waste-permitting/apply-for-a-waste-permit/standard-rules-and-risk-assessments-for-waste-operations/?lang=en">https://naturalresources.wales/permits-and-permissions/waste-permitting/apply-for-a-waste-permit/standard-rules-and-risk-assessments-for-waste-operations/?lang=en</a>
	1.3 Describe the purpose of a written management system.	<a href="https://www.gov.uk/guidance/develop-a-management-system-environmental-permits#what-to-put-in-your-management-system-and-how-to-organise-it">https://www.gov.uk/guidance/develop-a-management-system-environmental-permits#what-to-put-in-your-management-system-and-how-to-organise-it</a>
	1.4 Describe the content of a written management system according to regulatory guidance.	<a href="https://www.gov.uk/guidance/develop-a-management-system-environmental-permits#prepare-your-site-infrastructure-plan">https://www.gov.uk/guidance/develop-a-management-system-environmental-permits#prepare-your-site-infrastructure-plan</a>
	1.5 Identify the possible environmental incidents that could be included in a written management system.	<a href="https://naturalresources.wales/permits-and-permissions/environmental-permits/environment-management-system/?lang=en">https://naturalresources.wales/permits-and-permissions/environmental-permits/environment-management-system/?lang=en</a>
	1.6 Describe the measures used to manage the risk posed by possible environmental incidents.	<a href="https://www.gov.uk/guidance/develop-a-management-system-environmental-permits#accident-prevention-and-management-plan">https://www.gov.uk/guidance/develop-a-management-system-environmental-permits#accident-prevention-and-management-plan</a>
	1.7 Describe the reporting procedure for notifying the regulator of an environmental incident in accordance with the environmental permit.	<a href="https://www.gov.uk/government/collections/standard-rules-environmental-permitting">https://www.gov.uk/government/collections/standard-rules-environmental-permitting</a> <a href="https://www.gov.uk/government/publications/sr2015-no6-75kte-household-commercial-and-industrial-waste-transfer-station-with-treatment">https://www.gov.uk/government/publications/sr2015-no6-75kte-household-commercial-and-industrial-waste-transfer-station-with-treatment</a> <a href="#">Pollution prevention for businesses - GOV.UK (www.gov.uk)</a> <a href="#">Control and monitor emissions for your environmental permit - GOV.UK (www.gov.uk)</a> <a href="#">Check if you need an environmental permit – who to apply to</a> <a href="#">Discharges to surface water and groundwater: environmental permits</a> <a href="#">Noise and vibration management: environmental permits - GOV.UK (www.gov.uk)</a> <a href="#">WASTE-28.pdf (wishforum.org.uk)</a> <a href="#">GOV.UK: Prepare for a flood and get help during and after</a>



		<a href="https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/410606/LIT_5284.pdf">https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/410606/LIT_5284.pdf</a> <a href="https://www.gov.uk/guidance/develop-a-management-system-environmental-permits#keeping-records">https://www.gov.uk/guidance/develop-a-management-system-environmental-permits#keeping-records</a>
2. Understand how to assess the environmental impact of work activities and how this can be minimised.	2.1 Describe what is meant by the term 'environmental risk assessment.'	<a href="https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit">https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit</a> <a href="https://www.gov.uk/guidance/develop-a-management-system-environmental-permits">https://www.gov.uk/guidance/develop-a-management-system-environmental-permits</a>
	2.2 Describe the process of completing an environmental risk assessment in accordance with regulatory guidance.	<a href="https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm/lcrm-stage-1-risk-assessment#technical-approach-to-risk-assessment">https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm/lcrm-stage-1-risk-assessment#technical-approach-to-risk-assessment</a>
	2.3 Describe the components of the 'pollutant linkage'	<a href="https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/223705/pb13735cont-land-guidance.pdf">https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/223705/pb13735cont-land-guidance.pdf</a> (Page 3, Terminology)
	2.4 Explain how to assess the impact of work activities and resource use in the environment.	<a href="https://naturalresources.wales/permits-and-permissions/environmental-permits/environment-management-system/?lang=en">https://naturalresources.wales/permits-and-permissions/environmental-permits/environment-management-system/?lang=en</a> <a href="https://magic.defra.gov.uk/">https://magic.defra.gov.uk/</a>
	2.5 List the sources of specialist advice available to manage the environmental impact of work activities and resource use.	<a href="https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit#identify-receptors">https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit#identify-receptors</a> <a href="https://www.gov.uk/government/publications/sr2015-no6-75kte-household-commercial-and-industrial-waste-transfer-station-with-treatment">https://www.gov.uk/government/publications/sr2015-no6-75kte-household-commercial-and-industrial-waste-transfer-station-with-treatment</a> <a href="https://www.gov.uk/guidance/non-hazardous-and-inert-waste-appropriate-measures-for-permitted-facilities/6-emissions-control">https://www.gov.uk/guidance/non-hazardous-and-inert-waste-appropriate-measures-for-permitted-facilities/6-emissions-control</a> <a href="https://www.gov.uk/government/publications/noise-and-vibration-management-environmental-permits/noise-and-vibration-management-environmental-permits">https://www.gov.uk/government/publications/noise-and-vibration-management-environmental-permits/noise-and-vibration-management-environmental-permits</a> <a href="#">Risk assessments for your environmental permit</a>



3. Understand the legal and organisational requirements for managing the risk of fires on site.	3.1 Describe the regulatory requirements for fire prevention on sites that store combustible wastes.	<a href="https://naturalresources.wales/media/684379/guidance-note-16-fire-prevention-mitigation-plan-english.pdf">GOV.UK: Fire prevention plans: environmental permits</a> <a href="https://naturalresources.wales/media/684379/guidance-note-16-fire-prevention-mitigation-plan-english.pdf">https://naturalresources.wales/media/684379/guidance-note-16-fire-prevention-mitigation-plan-english.pdf</a> <a href="https://www.gov.uk/government/publications/fire-prevention-plans-environmental-permits/fire-prevention-plans-environmental-permits#quarantine-area">https://www.gov.uk/government/publications/fire-prevention-plans-environmental-permits/fire-prevention-plans-environmental-permits#quarantine-area</a>
	3.2 List the key areas that should be included within a fire prevention plan.	
4. Understand the potential environmental and amenity impacts of waste and resource management	4.1 List the potential or actual environmental and amenity impacts of waste and resource management.	<a href="#">Control and monitor emissions for your environmental permit</a> <a href="#">Natural Resources Wales / Guidance to help you comply with your Environmental Permit</a> <a href="#">GOV.UK H4 Odour management</a> <a href="https://www.gov.uk/guidance/control-and-monitor-emissions-for-your-environmental-permit#dust-mud-and-litter">https://www.gov.uk/guidance/control-and-monitor-emissions-for-your-environmental-permit#dust-mud-and-litter</a> <a href="https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/479752/LIT_10257.xlsx">https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/479752/LIT_10257.xlsx</a> <a href="https://naturalresources.wales/permits-and-permissions/waste-permitting/apply-for-a-waste-permit/standard-rules-and-risk-assessments-for-waste-operations/?lang=en">https://naturalresources.wales/permits-and-permissions/waste-permitting/apply-for-a-waste-permit/standard-rules-and-risk-assessments-for-waste-operations/?lang=en</a> <a href="https://cdn.cyfoethnaturiol.cymru/media/692241/sr2008-no03-v3-generic-risk-assessment.xlsx">https://cdn.cyfoethnaturiol.cymru/media/692241/sr2008-no03-v3-generic-risk-assessment.xlsx</a>
	4.2 Explain how the impacts identified may affect the environment.	
	4.3 Describe how environmental and amenity impacts can be managed to prevent or reduce the negative effects to the environment.	
	4.4 Describe the environmental risks posed by the breakdown of processing plant and equipment.	
	4.5 Describe how the environmental risks posed by the breakdown of processing plant and equipment can be managed to prevent or reduce the negative effects on the environment.	

