



Australian Government

AHCECR308 Conduct a site inspection for ecological restoration

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to conduct a site inspection, including verification of the location, ownership, orientation and boundaries of a site, and assess the condition and recovery potential of the site's native ecosystem.

The unit applies to individuals who work under broad direction and take responsibility for their own work, including limited responsibility for the work of others. They use discretion and judgement in the selection and use of available resources.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Ecological Restoration (ECR)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Collect information	1.1 Obtain site location and details of proposed works 1.2 Source and review available maps and plans for site 1.3 Source and review available documents relevant to historical and current land use 1.4 Identify scope of inspection according to stakeholder requirements and local regulations

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Determine biophysical, climate and weather conditions for site from historical data and climate change prediction tools 1.6 Seek approval to visit site 1.7 Identify and record covenants affecting the site 1.8 Check availability of remote sensing tools relevant to the site
2. Prepare for a site visit	2.1 Identify and prepare resources required for site inspection 2.2 Plan methods for recording inspection, and confirm record-keeping procedures according to industry requirements 2.3 Evaluate scope of proposed works and prepare field notes to checklist specific concerns 2.4 Evaluate environmental factors to determine likely site conditions and risks 2.5 Consider access and traffic management requirements for site
3. Visit site and confirm site parameters	3.1 Carry out site orientation and verify ownership and site boundaries according to maps and plans 3.2 Identify site hazards, assess risks and implement control measures for site inspection according to workplace health and safety procedures 3.3 Identify, estimate and record site dimensions, gradients and ecological features 3.4 Identify and record existing on-site services 3.5 Identify and record impact of features and characteristics of properties adjacent to site 3.6 Identify substrate types from reference charts and texts
4. Inspect site for biotic and abiotic elements	4.1 Collect substrate samples, conduct and record field tests according to workplace procedures 4.2 Identify hydrological elements affecting site ecology 4.3 Identify the specific ecological communities on site 4.4 Identify ecosystem functions and processes occurring on site 4.5 Determine condition and recovery potential of natural areas within the site 4.6 Identify threatening processes affecting site conditions

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	4.7 Investigate and record signs of fauna on site
5. Document information	5.1 Assess site information and determine reference ecosystem relevant to site restoration 5.2 Prepare a base plan of site, including zones of varying condition 5.3 Document site inspection according to stakeholder requirements and workplace procedures 5.4 Complete documents and submit to stakeholder or supervisor according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Interpret plans, maps, guides and texts from a variety of sources and consolidate information
Writing	Accurately record results of inspections and investigations and prepare documentation using industry standard terminology and formatting

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCECR308 Conduct a site inspection for ecological restoration	Not applicable	The unit has been created to address a skill or task required by industry that is not covered by an existing unit	Newly created

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>