Modification history

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| Release | Comments |
| Release 2 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 5.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0. |

| AHCLPW501 | Develop a management plan for a designated area |
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| Application | This unit of competency describes the skills and knowledge required for the development of management strategies and the documentation of management plans with a defined emphasis on flora or fauna covering the range of biodiversity present in a designated area.  The unit applies to individuals who work in a conservation and land management role and who analyse information and exercise judgement to complete a range of advanced skilled activities demonstrating a deep knowledge in specific technical areas. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems.  No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Lands, Parks and Wildlife (LPW) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Define the need for a management plan | 1.1 Identify management plan objectives for the designated area  1.2 Consult with client to achieve agreement on brief  1.3 Identify planning team, specialists and consultants |
| 2. Undertake preliminary planning activities | 2.1 Identify stakeholders impacted by management plan  2.2 Ascertain availability of specialists to assist in management planning work and preparation of contracts  2.3 Establish timelines for development of the management plan and reporting arrangements  2.4 Identify resources required for the development of management strategies |
| 3. Prepare a site description | 3.1 Identify and map landscape values of designated area  3.2 Identify and map physical features and characteristics of designated area  3.3 Identify land use and impact on designated area  3.4 Assess and document physical condition and civil design concepts according to client brief  3.5 Document biological characteristics and influences on biota |
| 4. Analyse site information and description | 4.1 Assess site description against core principles and objectives in client brief  4.2 Consolidate site description elements into summative reports  4.3 Determine priorities and key conservation issues  4.4 Prepare longitudinal projections of continuing impacts  4.5 Assess land capability  4.6 Identify and document opportunities and constraints to meeting planning objectives and goals  4.7 Seek stakeholder feedback and amend planning documentation |
| 5. Identify management strategies | 5.1 Identify management options to achieve defined objectives  5.2 Design management strategies to address defined objectives  5.3 Cost and compare management strategies against budget and available resources  5.4 Plan work scheduling to prioritise outcomes and resource allocation  5.5 Consult with stakeholders and incorporate feedback into planning documentation |
| 6. Prepare the management plan | 6.1 Consolidate site information and management strategies into draft management plan  6.2 Seek feedback from stakeholders and clients and amend draft management plan  6.4 Prepare and present a final management plan according to client brief |

| 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. | |
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| Skill | Description |
| Writing | * Prepare detailed management plan and documentation demonstrating advanced writing skills by selecting appropriate conventions and stylistic devices to express precise meaning for clients and stakeholders |
| Oral communication | * Establish and maintain effective communication in a broad range of contexts suited to the client or stakeholder understanding |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCLPW501 Develop a management plan for a designated area  Release 2 | AHCLPW501 Develop a management plan for a designated area  Release 1 | Edited Application and Performance Criteria for clarity  Updated Performance Evidence, Knowledge Evidence and Assessment Conditions | Equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet:  https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |

| TITLE | Assessment requirements for AHCLPW501 Develop a management plan for a designated area |
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| Performance Evidence | |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.  There must be evidence that the individual has, on at least one occasion, developed a management plan for a designated area from a terrestrial or marine environment with at least 4 of the following management issues:   * pest fauna * pest plants * pest microorganisms * at risk habitat * abnormal population * changed ecology * change soil conditions * changed water quality or water conditions * changed land use   There must be evidence that the individual has:   * discussed and defined management plan objectives, deliverables and timeline with client * prepared a site plan detailing the following: * landscape values * physical features and characteristics * past and present land uses * physical condition * biological characteristics * assessed land capability and identified conservation issues for designated site and surrounding area * analysed site information and description to assess management options to achieve objectives * developed and costed management strategies according to client brief * produced a draft management plan and presented to client for feedback * consulted with stakeholders and incorporated feedback into final management plan * prepared and presented management plan according to workplace standards and client requirements. | |

| Knowledge Evidence |
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| An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:   * management planning principles and issues including civil design concepts * environmental assessment, survey and analysis techniques and practical application for a range of habitats and landscapes * biota and biological influence on ecology, including: * impact of native flora and fauna * effect of pest flora and fauna * population density * habitat assessment and requirements * seasonal influences and nutritional influences on lifecycle * wildlife habitats and local geographic regions and vegetation types * pest plants, animals and micro-organisms and impact on ecology, including: * identification * physiology * pest management, control techniques and strategies * equipment * pesticides * ecological requirements * land management strategies including: * techniques and strategies * rehabilitation, restoration and regeneration * enterprise use of native Australian habitats, species and landscapes * Indigenous flora regeneration and revegetation techniques including equipment and methods of application relevant to landscape characteristics * management and rehabilitation techniques for the wildlife and habitat * soil, plant and water testing processes and procedures, interpretation and application of results * communication strategies for working with clients and stakeholders, including: * negotiation skills for developing client briefs * soliciting feedback from stakeholders * working with special interest groups * communication styles for different client and stakeholder groups. |

| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * skills must be demonstrated on at least one designated area as described in the Performance Evidence * resources, equipment and materials: * access to computer or other equipment required for producing written documents to specified standards * specifications: * use of client brief * relationships: * client and other stakeholders * timeframes: * within a specific time period as specified in client brief.   Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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