



Australian Government

ACMAIM310 Participate in marine wildlife pollution event

Release: 1

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Modification History

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 4.0.

Application

This unit of competency describes the skills and knowledge required to assess, clean and monitor wildlife impacted by a marine pollution event, including oil or chemical spills. The work may involve small to large scale response events with single or multiple species, typically sea birds.

The unit applies to individuals who may work independently or in a team to respond to impacted marine wildlife. Work is performed following defined procedures, and individuals have responsibility and accountability for their own tasks.

All work must be carried out to comply with workplace procedures according to Commonwealth and state/territory health and safety, wildlife, and animal welfare regulations, legislation and standards that apply to the workplace.

Most government jurisdictions have requirements that allow only appropriately authorised agencies to undertake response operations. Users are advised to check with the relevant authority.

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

Pre-requisite Unit

Nil

Unit Sector

Animal Incident Management (AIM)

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>

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1. Contribute to assessment of impacted marine wildlife	1.1 Assess hazards and control immediate risks within limit of role and responsibility 1.2 Participate in team briefing and confirm role, duties and safe work requirements 1.3 Identify and adhere to organisational procedures, relevant regulatory requirements and cultural protocols relevant to species and operations 1.4 Select and correctly fit personal protective equipment appropriate for activity 1.5 Report information to relevant personnel according to organisational procedures and relevant state/territory regulatory requirements
2. Carry out wildlife capture and assessment	2.1 Search for wildlife according to approved plans for capture 2.2 Determine and undertake safe species-specific capture technique 2.3 Assess impact of marine pollution on individual wildlife 2.4 Undertake triage assessment of impacted wildlife, assess status, degree of pollution coverage, body condition and quarantine requirements 2.5 Move or transport animals to cleaning facility according to organisational procedures
3. Wash and clean marine wildlife	3.1 Prepare supplies and equipment for individual wildlife in advance to minimise time taken for washing and animal stress 3.2 Handle and prepare wildlife for washing using species-specific techniques to minimise distress 3.3 Wash individual wildlife using appropriate techniques and resources for species 3.4 Rinse animal thoroughly to remove detergents and residual oil or chemicals using species-specific techniques 3.5 Monitor and respond to welfare of wildlife during washing process 3.6 Dispose of contaminated water and materials according to organisational waste disposal procedures
4. Dry and monitor cleaned marine wildlife	4.1 Relocate washed wildlife to suitable area for drying 4.2 Use species-specific techniques and equipment to dry animals

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	4.3 Monitor and respond to welfare of wildlife during drying process 4.4 Stabilise and prepare wildlife for release or rehabilitation according to organisational procedures and relevant state/territory regulatory requirements
5. Assist with euthanasia and carcass disposal	5.1 Secure or cordon off seriously incapacitated and/or deceased wildlife 5.2 Provide support to personnel undertaking approved euthanasia of wildlife 5.3 Assist with data collection, scientific sampling and/or necropsy of deceased animals according to instructions and within limit of role and responsibility 5.4 Dispose of carcasses according to local, state/territory and other relevant jurisdictional requirements
6. Conclude marine wildlife operation	6.1 Report outcomes of event and accurately complete records according to organisational procedures 6.2 Recover, clean and service equipment according to manufacturers' guidelines and organisational standards 6.3 Participate in team debriefing activities 6.4 Report signs of critical incident stress in self and others to relevant personnel

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 guidelines and organisational procedures relating to wildlife in marine pollution events
Oral communication	- Use clear language and appropriate tone conversing with team members, supervisors and members of the public during marine wildlife pollution events - Use accurate industry and animal terminology in conversations with key personnel

Skill	Description
Numeracy	Estimate quantities of resources required for number and size of impacted wildlife with reasonable accuracy

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMAIM310 Participate in marine wildlife pollution event	Not applicable	Developed in response to industry need	Newly created

Links

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

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103>

Assessment Requirements for ACMAIM310 Participate in marine wildlife pollution event

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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:

- identified hazards and risks associated with a minimum of one species at a marine wildlife pollution event
- determined handling, cleaning and care requirements for one species from one of the following groups:
 - sea birds
 - pinnipeds and dugongs
 - marine reptiles
- safely captured, caught and handled two wildlife using species-specific techniques
- washed, rinsed, dried and monitored two individual wildlife
- worked safely during the marine wildlife pollution event, following safe animal handling and hygiene procedures
- contributed to one team briefing and one debriefing activity.

Knowledge Evidence

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:

- key local, state/territory and Commonwealth legislative requirements and jurisdictional structures relevant to marine wildlife pollution events
- cultural protocols relating to species, operations and location
- basic risk assessment process, including hazard identification, assessing risk, controlling or minimising risk and reviewing risks
- hazards and risks at marine wildlife pollution events, including:
 - wildlife behaviour
 - environment, weather and light conditions (time of day)

- public onlookers, interference, perceived need to act
- lack of resources
- zoonotic diseases and disease vectors
- risk of physical injury
- contaminated or toxic waste
- role of science and data collection in wildlife management, including types of information and data to collect and record
- common marine wildlife species involved in marine pollution events, including:
 - sea birds
 - pinnipeds and dugongs
 - marine reptiles
- animal species behaviour and biology relevant to event, including:
 - basic anatomy
 - danger zones and unpredictable behaviour when distressed
- suitable personal protective equipment (PPE) for the event and environment, including:
 - safety goggles, gloves, waterproof outer clothing and suitable footwear
- species-specific techniques and procedures for impacted wildlife, including:
 - capturing, handling, lifting
 - moving and transporting
 - washing, rinsing, drying
 - approved euthanasia techniques
- resources required for washing, cleaning and caring, including:
 - hot water, mild detergent, towels, cloths
 - vegetable oils or similar
 - food supplies for animals
- types of equipment and gear, including:
 - buckets, tubs, hoses, nozzles
 - species appropriate pools or drying pens
 - drying equipment – blow heaters, heat lamps
 - feeding tubes
- organisational safety procedures, including:
 - safe manual handling and handling of wildlife
 - hygiene and infection control
 - personal injury or accident involving a team member
 - shifts and team rotations to avoid fatigue and exposure to weather
 - waste disposal.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - an environment that represents a marine wildlife pollution event – this includes the use of simulations and scenarios
- resources, equipment and materials:
 - animal simulations or mannequins
 - resources and equipment for washing, rinsing and drying wildlife
 - personal protective equipment
- specifications:
 - organisational forms for reporting information
- relationships:
 - relevant personnel and team members to report to and work with.

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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