

# SAFE WORK METHOD STATEMENT

SWMS / Assessment no.: INT12/32151



**Biosecurity Operations Branch**  
 Locked Bag 21, Orange NSW 2800  
 Tel: (02) 6391 3771 Fax: (02) 6391 3740  
 Email: [emergency.preparedness@dpi.nsw.gov.au](mailto:emergency.preparedness@dpi.nsw.gov.au)

Job Task: <b>Using wildlife hazing techniques</b>	Branch - Biosecurity Operations, Biosecurity NSW
	Unit - Emergency Management Unit
	Location – Temporary (field) work sites; waterways; flood waters

## RISK IDENTIFICATION AND CONTROLS

Please include all discrete steps involved in the performance of the task

**NOTE: The PPE required must be listed and the minimum PPE for each chemical must be listed as per the relevant MSDS.**

Procedural step(s)	Possible hazard(s)	R1 Risk without controls		R2 Risk with controls	
		R1	Safety control(s)	R2	
Operating equipment to drive wildlife from affected areas <ul style="list-style-type: none"> <li>▪ Aircraft</li> <li>▪ Quad/motor bikes</li> <li>▪ Vehicles</li> <li>▪ Boats/vessels</li> </ul>	<ul style="list-style-type: none"> <li>• Collision with non-target wildlife eg birds</li> <li>• Collision with other vehicles, vessels, aircraft and/or obstacles</li> <li>• Refer to relevant SWMS</li> </ul>	H	<ul style="list-style-type: none"> <li>• Observe controls listed in aircraft operation manuals (including task profiles) and SWMS for:                             <ul style="list-style-type: none"> <li>• <a href="#">Boating operations</a></li> <li>• <a href="#">Use &amp; transport of quad/motor bikes</a></li> <li>• <a href="#">Driving vehicles</a></li> </ul> </li> <li>• Maintain safe separation from other vehicles/vessels/aircraft and obstacles</li> <li>• Be vigilant in locating wildlife hazards</li> <li>• Ensure crew are briefed on task and hazards</li> </ul>	S	
Use of pyrotechnics to drive wildlife from affected areas <ul style="list-style-type: none"> <li>• firearm to launch noisy projectiles, such as cracker shells, screamers and wailers</li> </ul>	<ul style="list-style-type: none"> <li>• Accidental discharge</li> <li>• Fire</li> <li>• Burns</li> <li>• Noise</li> <li>• Eye injury</li> <li>• Injury to bystanders</li> </ul>	H	<ul style="list-style-type: none"> <li>• Operators are trained in firearms use</li> <li>• Only registered and properly maintained firearms to be used</li> <li>• Select suitable safe hazing technique to use based on incident eg oil/chemical spill responses may eliminate some techniques</li> <li>• Operators are trained in hazing methods to be used</li> <li>• Fire extinguishers/fire blankets are on hand and operators are trained in their use</li> </ul>	L	

# SAFE WORK METHOD STATEMENT

SWMS / Assessment no.: INT12/32151

Procedural step(s)	Possible hazard(s)	R1	Safety control(s)	R2
			<ul style="list-style-type: none"> <li>Operators use appropriate Personal Protective Equipment (PPE) including safety goggles/face protection and ear protectors</li> <li>Close and secure hazing operations zone – no bystanders</li> <li>Hazing team are briefed on task to be conducted including medi-vac plan</li> <li>First aid kit on hand</li> </ul>	
Use of gas operated cannons to drive wildlife from affected areas	<ul style="list-style-type: none"> <li>Fire</li> <li>Burns</li> <li>Noise</li> <li>Eye injury</li> <li>Injury to bystanders</li> </ul>	H	<ul style="list-style-type: none"> <li>Only trained and competent cannon operators to use equipment</li> <li>Ensure environment is safe for the use of gas operated cannons</li> <li>Fire extinguishers/fire blankets are on hand and operators are trained in their use</li> <li>Wear appropriate PPE including eye and ear protection</li> <li>Close and secure hazing operations zone – no bystanders</li> <li>Hazing team are briefed on task to be conducted including medi-vac plan</li> </ul>	L
	<b>Overall risk rating</b>	<b>H</b>	<b>Overall risk rating</b>	<b>S</b>

## RISK RATING GUIDE

		Consequence			
		Death Catastrophic Illness/Injury	Major Extensive Injuries	Moderate Medical treatment required	Minor No injuries
Likelihood	<b>Almost certain</b> Occurred before/expected	H	H	S	S
	<b>Likely</b> Probably will occur	H	S	S	S
	<b>Moderate</b> May occur at some time	H	S	L	L
	<b>Unlikely</b> Unusual or rare situation	S	L	L	L
		<b>High (H)</b> – cease exposure immediately until protection, approved at senior management level, implemented.			
		<b>Significant (S)</b> – procedures alone may not be enough, senior management attention required.			
		<b>Low (L)</b> – may be managed by routine procedures, some risks in this category may be acceptable.			

# SAFE WORK METHOD STATEMENT

SWMS / Assessment no.: INT12/32151

## SPECIFIC TASK REQUIREMENTS

### Qualifications or experience

- Ability to swim when operating in and around water
- Current and appropriate fire arms licence

### Training

- Manual Handling / back care techniques
- Safe use of firearms
- Safe use of gas cannons

### Engineering details, certificates, WorkCover approvals

- Firearms certificate

### Relevant codes of practice, legislation or standards

- Manufacturer's operator manuals
- National Code of Practice for the Prevention of Musculoskeletal Disorders from Performing Manual Tasks 2007
- National Standard for Manual Tasks 2007
- NPWS Firearms Management Manual
- Work Health & Safety Act 2011
- Work Health & Safety Regulation 2011

### Plant/equipment

- Appropriate firearms/gas cannons
- First Aid kit
- Reflective vest/clothing
- Appropriate protective clothing and equipment including ear and eye protection
- Communications equipment

### Maintenance checks, site/workplace inspections

- Annual firearms inspection and certification (NPWS)
- Annual firearms site inspection
- Follow directions in manufacturer's operators manual

## Suggested improvements (in order or priority)

## Additional comments

# SAFE WORK METHOD STATEMENT

SWMS / Assessment no.: INT12/32151

## Assessment dates

Initial assessment date 20 April 2012	Current assessment date	Reassessment due date
---------------------------------------	-------------------------	-----------------------

## Assessors

Name	Signature	Date
▪ Lynda Wild - NPWS	▪ <i>LWild</i>	19 January 2012
▪ Joanne Loughlin – NSW DPI	▪ <i>JLoughlin</i>	20 April 2012
▪	▪	

## Recommendation (Project Officer, Agricultural Protection Officer, Team Leader, OIC, Coordinator)

Follow up required

Name	Signature	Date
▪ Joanne Loughlin – Emergency Management Officer	▪ <i>JLoughlin</i>	1 May 2012

## Approval (Manager GEPR, Leader APFHEPR, Section Manager, Controller)

Name	Signature	Date
▪ Simon Oliver – NSW DPI, Deputy AASFAC	▪ <i>S Oliver</i>	2 May 2012

