

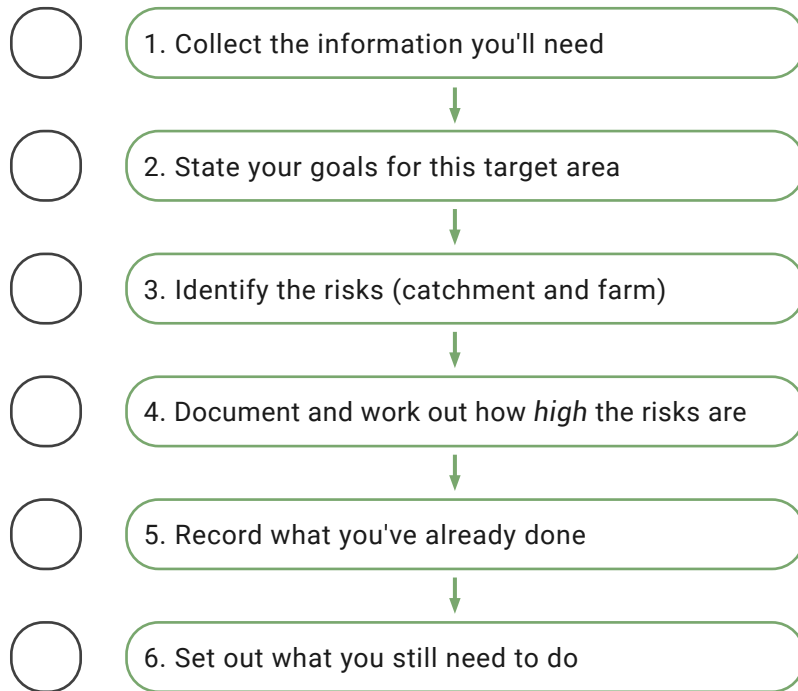
# ACTION PLAN: POINT SOURCES – DEERSHED, WINTERING BARN, WOOLSHED AND YARDS



## 01 What information will I need?

- The risk map you created as part of the Risk Assessment unit
- Local council rules covering construction, siting, design etc. of stock sheds and yards

Tick these off as you go



Then monitor progress, e.g., visual checks for runoff



## 02 Goals

Start by setting simple overall goals for shed and yards. **Here are some examples:**

My goals for sheds and yards are:

- 
1. *I want to prevent my sheds and yards being a source of contamination of waterways*

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  2. *I want the changes I make to sheds and yards to protect waterways to be well designed and sustainable*

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Go to the template at the end of this document to fill in your goals and the other parts of your Action Plan.



## 03 What are the risks from sheds and yards?



### DID YOU KNOW...

What can flow from your shed and yards  
.....

Areas like the deershed, wintering barn, woolshed and stock yards present a risk of phosphorus loss in runoff due to the concentration of dung, hair and sediment, and sometimes blood in these areas.



### HANDY HINTS

How can the risks be managed?  
.....

- Maintain pasture cover around sheds and yards to capture as much sediment as possible.
- Work out where washdown water will end up
- Direct washdown away from waterways, preferably to a cleanable sump
- Check council rules covering work like earthmoving, drains and sumps before you get started.



## Case study 1: Silt trap for a shed and yards



Runoff from a woolshed and sheep yards is captured in this drain and directed into a silt trap. The trap is fenced off from stock and planted (it's visible behind the shelter belt). The silt is periodically scooped out and spread on low-risk paddocks, away from waterways.



## Case study 2: Sump for deer shed and yards located near stream



*This deershed and yards were built near a stream but the yards slope away from the waterway.*



*All washdown water from the shed is captured in a drain and directed away from the waterway.*



*The washdown is then filtered in a sump that can be cleaned out.*





## 04 How high are the risks from sheds and yards?

Record the risks from sheds and yards. **We've started with some examples below.** Tailor this to your situation using the template at the end. See the "Risk Assessment" module for how to assess level of risk:

| Activity/location examples  | Risk assessment | Comment (make a note of anything specific to your place)               |
|---|-----------------|--|
| Effluent from stock in deer shed and yards getting into stream  | ○ ● ○           | Sediment trap could prevent this.                                      |
| Stock yards and holding area have a tile drain running through the middle that leads directly to creek          | ○ ● ○           | Look for site to put sediment trap to collect the runoff               |
| Water from cleaning out shed runs directly into a creek   | ○ ○ ●           | Need to explore options to capture this runoff                         |
| Bedding material from wintering barn at end of winter stored at end of next year's wintering paddock for a year | ○ ● ○           | Need to check local council rules for storage of this bedding material |



## 05 Actions to reduce risk from sheds and yards


Write down (a) what you've already done to stop pollution from sheds and yards getting into waterways and then (b) what you have got planned. Link it back to your goals and risk assessment (above). Include timing and who's responsible. **We've started with some examples below.** Record your own completed actions and planned actions in the template at the end.

| Goal                | Risk identified                           | Risk level   | Action   | Measure and monitor   | Date initiated | Who                              |
|---------------------|---|--|--|---|----------------|----------------------------------|
| Nutrient Management | Runoff from yards and sheds               | <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> | Run off from yards and sheds prevented from reaching waterways using slope and directed into pasture or fenced off sediment trap | Visual inspection: Sediment from run off does not reach waterways | 31 May 2020    | Me, farm staff, regional council |
|                     | Disposing of winter barn bedding material | <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> | Spread on paddock at time of cultivating next year's winter crop paddock   |   |                |                                  |

### FOR FURTHER INFORMATION

Deer shed design: [www.deernz.org/deer-hub/handling-and-welfare/handling/shed-design](http://www.deernz.org/deer-hub/handling-and-welfare/handling/shed-design)

 Low

 Medium

 High

# TEMPLATE: SHEDS AND YARDS

Fill out your Action Plan for sheds and yards here.



## 02 Goals

My goals for sheds and yards are:



## 03 How high are the risks from sheds and yards?

See the "Risk Assessment" module for how to assess level of risk:

| Activity/location | Risk assessment<br>(low/medium/high) | Comment (make a note of anything specific to your place) |
|-------------------|--------------------------------------|--|
|                   | ○ ○ ○                                |  |
|                   | ○ ○ ○                                |  |
|                   | ○ ○ ○                                |  |
|                   | ○ ○ ○                                |  |
|                   | ○ ○ ○                                |  |
|                   | ○ ○ ○                                |  |
|                   | ○ ○ ○                                |  |
|                   | ○ ○ ○                                |  |
|                   | ○ ○ ○                                |  |
|                   | ○ ○ ○                                |  |



## **Actions: What I've already done to manage sheds and yards**

Write down what you've already done to protect against pollution of waterways from sheds and yards. Link it back to your goals and risk assessment (above). Include timing and who's responsible.

| Goal | Risk identified | Risk level | Action | Measure and monitor | Date initiated | Who |
|------|-----------------|------------|--------|---------------------|----------------|-----|
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |



## **Actions:** How I will manage sheds and yards

Write down what you've still got planned to protect against pollution of waterways from sheds and yards. Link it back to your goals and risk assessment (above). Include timing and who's responsible.

| Goal | Risk identified | Risk level | Action | Measure and monitor | Date initiated | Who |
|------|-----------------|------------|--------|---------------------|----------------|-----|
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |
|      |                 | ○ ○ ○      |        |                     |                |     |

When you've completed this template, save this document onto your computer. You can amend it later if you need to.

● Low

● Medium

● High