

Environmental and Safety Management Plans

Preparing your Environmental Management Plan

Your plan needs to describe any environmental impact that may occur from your proposed activity and the corresponding actions or commitments which will avoid, minimise and/or manage those impacts to ensure your activity is environmentally acceptable.

Why you need an Environmental Management Plan

South Australia's reservoirs provide drinking water to homes and businesses around the state and are essential in a healthy and prosperous South Australia. In addition, the land surrounding the reservoirs is home to beautiful landscapes and unique flora and fauna, many with conservation significance.

Ensuring we protect the capacity of the reservoir reserve to continue to supply safe, clean drinking water while providing refuge for our native plants and animals is critical.

Having an Environmental Management Plan will help ensure that your activity reduces any impact to the environment, ensuring you're doing your part in preserving these important natural spaces.

Embedding environmentally sustainable practices in your proposal is essential.

What to include in your plan

Different activities will vary in their impact to the environment, so the mitigation strategies to include in your plan must be specific and tailored to your activity.

As a start, we recommend you consider the following questions about environment or pollution impact and if they apply to you, describe how you will address each one, using the example below. These questions are a guide only, make sure you thoroughly consider all aspects related to your proposal.

- Does your activity generate waste?
- Does your activity generate any rubbish?

- Does your activity require fuels, oils?
- Does your activity require any power?
- Does your plant or equipment require cleaning?
- Will your activity create dust?
- Is there any risk that your activity will damage or erode soils?
- Does your activity create noise?
- Is it likely that your activity will impact riparian areas, including the reservoir shoreline?
- Could your activity damage plants or disturb native animals?
- Will your activity generate any water runoff from where you are operating?
- Could your activity, either directly or indirectly, impact the water quality of the reservoir?

Example of an Environmental Management plan:

Environmental impact of my activity

Damage to shoreline from kayak launch/return

My mitigation strategies

- Area where launch/return is permitted will be contained within a specific area. This will be clearly communicated to those hiring the equipment
- Erosion control matting (Astro-turf or similar) will be laid out to ensure that people are only launching and returning their kayak from that specific location and not disturbing shoreline sediments.

Generation of rubbish

- We will continually monitor the shoreline and if there are any damages or changes, report it to SA Water immediately.
- Our rubbish will be securely stored and removed from the location where we operate and disposed of responsibly.
- All food or beverage containers we provide will be made from biodegradable materials; no single-use plastics will be used.
- We will regularly check the immediate surrounding area to ensure that no food or beverage containers are being disposed of on the ground.

Preparing your Safety Management Plan

A Safety Management Plan describes any safety issue or concern that may arise from your activity and describes the different mitigation strategies that will be implemented to ensure those safety risks are well managed.

Why you need a Safety Management Plan:

Any local businesses operating in reservoir reserves are responsible for ensuring their health and safety obligations are met

South Australia's reservoirs provide drinking water to homes and businesses around the state and are essential in a healthy and prosperous South Australia. Having a Safety Management Plan will help identify and manage all health and safety risks, helping us ensure visitors have safe and enjoyable time at these unique locations.

Embedding safe work practices in your proposal is essential.

What you need to include:

Different activities will contain different safety risks, so it is important that your Safety Management plan is tailored and specific to the activities that your proposal will include.

Your Safety Management plan needs to describe processes and systems in place such as inductions, risk assessments, Safe Work Method statements, training, supervision, inspections, maintenance, and/or reporting practices.

As a start, we recommend you consider the following questions about safety and if they apply to you, describe how you will address each one, using the example below. These questions are a guide only, make sure you thoroughly consideration of all aspects related to your proposal.

- Will any inductions or briefings be provided to your customers?
- Will your customers be required to sign any waiver form? Why?
- Does weather present a risk to the activities included in your proposal?
- Will people be hiring plant or equipment? How will it be maintained?
- Are there any restrictions on your service? Such as age limitations or experience.
- Will your activity result in people being on the water?
- How will you reduce the risk of people falling into the water?
- What are your procedures in case people fail to return on time? How will they be contactable?
- What are your procedures in case of emergency? For example, evacuation, administering first-aid etc.
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Some of our reservoir reserves have additional safety requirements related to their operational nature. Please ensure that the [Conditions of Access](#) and any communications relevant to your reservoir of interest are followed.

Example of a Safety Management plan

Safety risk of my activity

Cyclists become lost on the site

Inexperienced kayakers failing to be able to return

My mitigation strategies

- Cyclists must stick to defined tracks and trails and this will be clearly communicated to all hirers
- Cyclists are encouraged to download online map of the site to ensure they can track their location
- Communication processes including 'failure to return' (with potential penalties) will be in place and explained to hirers
- Evacuation and retrieval processes will be documented and explained to hirers

- Kayak hire will only be permitted in favourable weather conditions, when wind is below X and temperature is below Y
- Safety briefing and how-to instructions will be provided to all hirers
- Waiving of liability will be required
- Communication processes including 'failure to return' (with potential penalties) will be in place and explained to all hirers

- Appropriately fitted Personal Flotation Devices will be required for all users
- Evacuation and retrieval processed documented and explained to all hirers