

APL Mass Disposal Planner

User Instructions

The **APL Mass Disposal Planner** is designed to help pork producers prepare for the potential need to dispose of large numbers of animals and associated materials during an emergency animal disease (EAD) event.

The tool estimates the amount of biomass that may need to be disposed of and can assess a proposed disposal site against relevant state-specific requirements.

Before you start

You will need information about your property, including:

- Farm and property details
- State and type of farming operation
- Pig numbers and estimated weights
- Feed storage
- Bedding
- Effluent ponds
- Semen storage
- Other livestock on the property
- Machinery
- Information about a potential disposal site, if you wish to assess one

The tool includes links to external websites, such as Google Maps, where additional information may be required.

1. Access the Tool

Register

1. Register to access the APL Mass Disposal Planner.
 - A strong password is required. A password generator is available if you need help creating one.
 - Confirm that you have read and agree to the *Terms and Conditions* and *Privacy Policy*.
 - Click submit. You will receive an email verification – click the link to verify your address.
 - You will receive a second email notifying you of the account activation.

Welcome to the Mass Disposal Planner

This is a questionnaire-based tool to assist pig producers in developing a mass disposal plan.

All pig producers should have a mass disposal plan that outlines the steps that would need to be taken to safely dispose of carcasses, manure, spent bedding, feed and other contaminated biomass in the event of a disease outbreak or mass mortality event. Mass disposal plans should be updated regularly.

The Mass Disposal Planner generates a working mass disposal plan that is specific to the property and location being assessed. The generated plan can be downloaded, saved and printed.

The level of detail provided in the plan will depend on the responses provided to the questionnaire.

The mass disposal plan generated from this questionnaire should be used to guide the farm to develop and improve any current mass disposal plans and could be used to help government representatives assist the farm in the event of a disease outbreak or mass mortality event.

The plan generated may also be useful to support proactive discussions with government representatives about mass disposal on your property, for quality assurance purposes, or for submission as part of your annual environmental returns (or equivalent).

Tool Access

[Register for an account here](#)

Login

Register

First Name

Surname

Email

Phone (optional)

Farm Name

Farm Post Code

Choose your Password



Your password must be at least 20 characters long and must contain at least two upper case and two lower case characters, two digits and two special characters.
Use a password generator (i.e. [NordPass](#), [OnePass](#) or [LastPass](#)) to create a strong password.



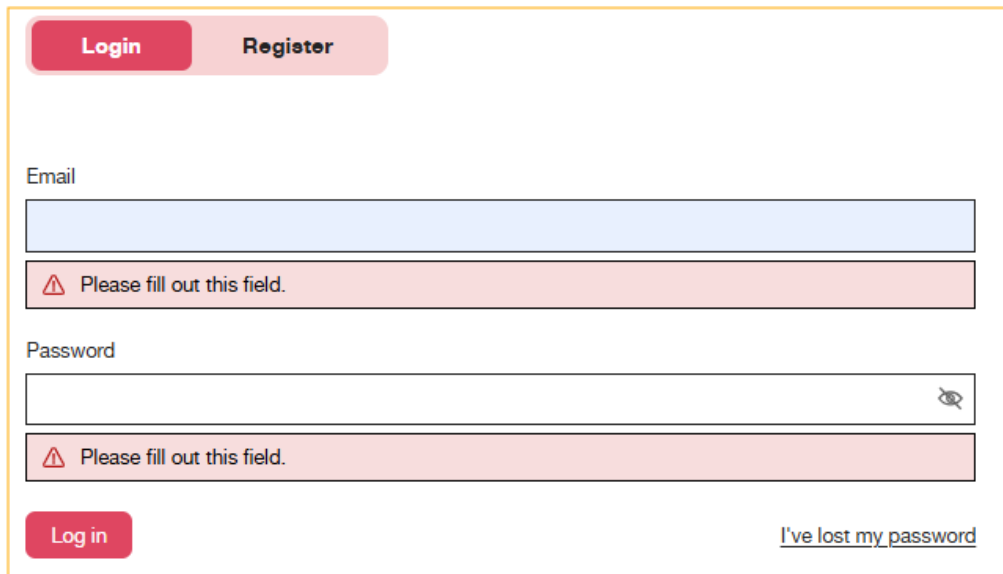
Confirm Password



☐ I have read and agree to the [Terms and Conditions](#) and [Privacy Policy](#).

submit

2. Once your registration has been activated, log in to access the tool.

A login and registration form. At the top, there are two buttons: 'Login' (red) and 'Register' (pink). Below these are two input fields. The first is labeled 'Email' and has a red error bar below it that says 'Please fill out this field.' The second is labeled 'Password' and has a red error bar below it that says 'Please fill out this field.' At the bottom left is a red 'Log in' button, and at the bottom right is a link that says 'I've lost my password'.

Tool Access

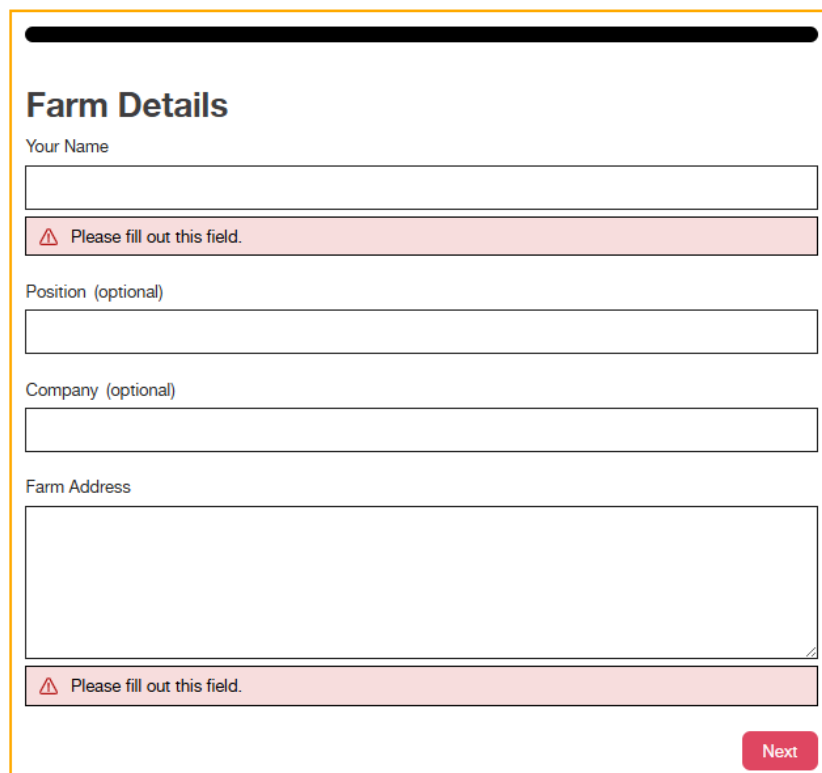
Once logged in, you can:

- **Create a new report**
- **Access a saved report** – continue working on previously saved and unfinished reports.

2. Enter Farm Details

Enter the required information about your property.

The information you provide will be used to calculate the estimated amount of biomass that may need to be disposed of and, where applicable, assess a proposed disposal site.

A form titled 'Farm Details'. It has a black header bar. Below the title are four input fields. The first is labeled 'Your Name' and has a red error bar below it that says 'Please fill out this field.' The second is labeled 'Position (optional)'. The third is labeled 'Company (optional)'. The fourth is labeled 'Farm Address' and has a red error bar below it that says 'Please fill out this field.' At the bottom right is a red 'Next' button.

3. Select Your State

Select the state in which your property is located.

State-specific requirements apply to disposal sites, so the questions and assessment criteria may vary depending on the state selected.

Which state is the farm located in?

☐ NSW

☐ QLD

☐ SA

☐ TAS

☐ VIC

☐ WA

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4. Farming Operations

Select the type of pig farming operation/s undertaken on your property.

You can select multiple operations where applicable.

What type of operation/s is/are on this site? (select all that apply)

☐ Farrow to Finish

☐ Breeder (piglets moved off site at weaning)

☐ Breeder Weaner (weaned piglets housed on site post-weaning)

☐ Weaner

☐ Wean to Finish

☐ Grower/finisher

☐ Gilt rearing

☐ Quarantine

☐ Boar stud

☐ Feed mill on-site

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What farming method/s are on this site? (select all that apply)

☐ Indoor

☐ Free range

☐ Outdoor bred, raised indoors

☐ Other

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5. Other Livestock

Enter information about any other livestock species kept on the property.

Include:

- Livestock species
- Number of animals

Are there any other livestock on the property? If so, how many of each type?

Cattle

Sheep

Goats

Poultry

Other (optional)

Type	Number
	0

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6. Machinery

Enter information about the machinery available on your property.

Include:

- Type of machinery
 - Number of each type of machinery
-

Which of the following types of machinery are based on the farm?

This information is required to understand the capacity of the farm to physically move and dispose of large numbers of carcasses, litter, manure, feed, etc., in a mass disposal event. Please include any details relevant to available equipment, e.g., number, capacity.

Tractors (optional)

Bobcats/skid steers (optional)

Front end loaders (optional)

Telehandlers (optional)

Earth moving machinery (e.g. dozers, excavators, scrapers) (optional)

Windrow turners (optional)

Grain trailers/dump trucks (optional)

Mobile fencing and/or yards (optional)

Other (optional)

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7. Pig Inventory

Enter information about the pigs on your property.

You will be asked to provide:

- The estimated maximum number of pigs on the property
- The current or relevant number of pigs on the property
- The average weight of the pigs

The tool includes estimated average weights, which can be adjusted if required.

The tool will use this information to calculate the estimated tonnes and cubic metres of pig biomass requiring disposal.

Weights and volumes of on-farm disposal items

When completing this calculator, try to use the figures for the amount of pigs, bedding/ litter, manure, etc., that you could have on the farm at full capacity.

If you have different-sized sheds, there is an opportunity to input data for more than one shed. Fill in the sections that apply to your farm and put a '0' (zero) in fields that do not apply. The calculator will help you estimate the weights of each material based on the volume.

Pig inventory

Enter the number of each class of pigs on the farm at **maximum capacity**. Adjust average weight per category where required.

Adult boars	Number of adult boars	Average weight adult boars (kg)
	0	300
Unmated gilts	Number of unmated gilts	Average weight unmated gilts (kg)
	0	130
Breeder females incl. mated gilts	Number of breeder females	Average weight breeder females (kg)
	0	230
Sucklings/piglets (0-4 weeks)	Number of suckers	Average weight suckers (kg)
	0	3
Weaners (4-10 weeks)	Number of weaners	Average weight weaners (kg)
	0	17
Growers (10-16 weeks)	Number of growers	Average weight growers (kg)
	0	45
Finishers (16 weeks to sale)	Number of finishers	Average weight finishers (kg)
	0	80

Volume of pigs (m³, based on 950kg per m³) (calculated)

Weight of pigs (t) (calculated)

8. Feed on the Property

Enter the maximum amount of feed stored on the property.

This should include the maximum storage capacity relevant to the farm.

The tool will use this information to estimate the volume and weight of feed that may need to be disposed of.

Finished feed

Enter the weight or volume of finished feed at the piggery at **maximum storage capacity**. You can enter either the weight (t) or volume (m³). The other value will be calculated based on 1.45m³ per tonne.

Volume of feed (m³)

Weight of feed (t)

9. Semen on the Property

Enter the maximum number of 100 mL semen bags/tubes stored on the property.

This should include the maximum storage capacity relevant to the farm.

Semen

Enter the number of 100ml bags/tubes on site at **maximum capacity**.

Number of 100ml bags/tubes

Volume of semen (l) (calculated)

Weight of semen (kg) (calculated)

10. Bedding in Use

Enter information about bedding currently in use on the property.

You can add multiple shed types.

For each shed type, enter:

- Number of sheds
- Shed length
- Shed width
- Average depth of bedding

The tool will calculate the estimated total amount of bedding in:

- Tonnes
- Cubic metres

Bedding in use

Calculation of the spent bedding on the site at **maximum capacity**.

Shed type 1

Number of sheds of this type

0

Shed Length (m)

0

Shed Width (m)

0

Average depth of bedding (cm)

0

Shed type 2

Shed type 3

Shed type 4

Total

Volume of bedding inside sheds (m³) (calculated)

0

Weight of bedding inside sheds (t, based on 1.43m³ per tonne) (calculated)

0

11. Spent Bedding Stored Outside

Enter the amount of spent bedding currently stored outside.

Provide the estimated volume in:

- Cubic metres, and/or
- Tonnes

Spent bedding stored outside

Enter the weight or volume of spent bedding stored within the boundary of the biosecure site at **maximum storage capacity**. You can enter either the weight (t) or volume (m³). The other value will be calculated based on 1.43m³ per tonne.

Volume of bedding (m³)

Weight of bedding (t)

12. Clean Bedding

Enter information about clean bedding stored on the property.

You can enter:

- Round bales
- Square bales

The tool will calculate the estimated total amount of clean bedding in:

- Tonnes
- Cubic metres

Clean bedding

Enter the number of each type class of bales on the farm at **maximum capacity**. Adjust average weight per type where required.

Large square bales	Number of large square bales	Average weight large square bales (kg)
	0	500
Small square bales	Number of small square bales	Average weight small square bales (kg)
	0	28
Round bales	Number of round bales	Average weight round bales (kg)
	0	333

Volume of clean bedding (m³) (calculated)

Weight of clean bedding (t) (calculated)

13. Effluent Ponds

Enter information about effluent ponds on the property.

You can:

- Select the number of ponds
- Enter the volume of each pond
- Add multiple pond types where required

The tool will calculate the estimated total volume of effluent in cubic metres.

Effluent Ponds

Calculation of the effluent on the site at **maximum capacity**.

Pond type 1

Number of ponds of this type

Pond Volume (m³)

Pond type 2 ⊖

Pond type 3 ⊖

Pond type 4 ⊖

Total

Volume of effluent (m³) (calculated)

14. Estimated Biomass Requiring Disposal

Once you have entered the required farm information, the tool will calculate an estimate of the **total** biomass that may need to be disposed of on the property.

The estimate includes a breakdown of the different materials, which may include:

- Pig carcasses
- Feed
- Bedding
- Clean bedding
- Effluent
- Other relevant materials

The total will be provided in tonnes and cubic metres, where applicable.

Type of material	Total volume (m ³)	Total weight (t)
Pigs	0.00	0.00
Feed	0.00	0.00
Semen	0.0000	0.0000
Bedding in sheds	0.00	0.00
Bedding outside	0.00	0.00
Clean bedding	0.00	0.00
Total	0.00	0.00
Effluent (m³)		0.00

15. Disposal Site Assessment

The Mass Disposal Planner does not identify a disposal site for you.

Important: The Mass Disposal Planner assesses a disposal site that you have identified. It does not select, approve or guarantee that a site is suitable for disposal.

You must first identify a potential disposal site on your property or another suitable location. The tool can then be used to assess whether the proposed site meets the relevant requirements.

If you do not have a disposal site to assess

You can finish the tool after completing the farm information.

Your report will provide the estimated amount of biomass requiring disposal.

If disposal is likely to occur off-site, a disposal-site assessment may not be required. However, any off-site disposal arrangements should be considered as part of your emergency preparedness planning.

Has a potential on-farm (or nearby) site been identified for the disposal of litter, carcasses, manure, or other materials during an emergency disease or mass mortality event?

To use this tool effectively, you should first scope your property or a nearby location for a potential disposal site.

If no suitable potential site can be identified (for either burial or composting), the questionnaire ends here. Please save your PDF report before exiting the planner.

If a potential site has been identified, continue to the next section. You will be guided through a series of questions to assess the suitability of the site for burial or composting.

☐ Yes

☐ No

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16. Enter Disposal Site Information

If you have identified a potential disposal site, enter the required information about the site.

You may need to provide:

Disposal site location

Enter the location of the proposed disposal site.

You can use Google Maps to identify the location. For example:

1. Open the location in Google Maps.
2. Select Share.
3. Copy the location link.
4. Paste the link into the relevant field in the tool.

You may also be able to attach a screenshot of the location to your report, where this option is available.

Describe the location of the disposal site, the distance from the farm to the site and provide its address.

Find your location on [Google Maps](#), add a pin and right-click, then select 'share location', 'send a link', 'copy link', and paste into the answer box.

Also, take a screenshot of your location and save it as a separate PDF to attach to this report.

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Disposal site size

Enter the size of the proposed disposal site in hectares.

If the size is unknown, Google Maps can be used to measure the approximate area of the site.

What is the size of the disposal site in hectares?

If unknown, you can go on [Google Maps](#) and use the measuring tools to obtain an estimated size of the disposal site.

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Distance to other pig properties

Enter the distance from the proposed disposal site to the nearest other property with pigs, in kilometres.

If the distance is unknown, Google Maps can be used to estimate the distance.

What is the distance in kilometres to the nearest other pig enterprise (commercial or domestic pig farm)?

This is useful to identify potential risks to neighbouring properties that have susceptible livestock on them.

If unknown, you can go on [Google Maps](#) and use the measuring tools to measure to the boundary of the other property.

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Distance to other livestock properties

Enter the distance from the proposed disposal site to the nearest property with another livestock species, in kilometres.

If the distance is unknown, Google Maps can be used to estimate the distance.

What is the distance in kilometres between the disposal site and the nearest other property with another livestock species on it?

Examples of livestock species: cattle, sheep, goats, other small ruminants (alpacas, llamas) or poultry (chickens, turkeys, farmed ducks).

This is useful to identify potential risks to neighbouring properties that have susceptible livestock on them.

If unknown, you can go on [Google Maps](#) and use the measuring tools to measure to the boundary of the other property.

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17. State-Specific Requirements

Additional questions will be provided based on the state selected.

These questions relate to state-specific environmental and disposal requirements.

Follow the instructions provided and use the links to external websites where additional information is required.

The requirements may differ between states.

18. Final Report

Once all relevant questions have been completed, the tool will generate a **final report**.

The report will include:

- Farm information
- Estimated biomass requiring disposal
- A breakdown of the different materials
- Disposal-site information, where a site has been assessed
- The outcome of the disposal-site assessment
- Relevant recommendations and supporting information

The report can be:

- Saved online for future reference
- Downloaded as a PDF
- Printed and retained with your farm records

Disposal Site Recommendation

Where a disposal site has been assessed, the report will provide an assessment indicating whether the selected site meets the relevant criteria.

If the site does not meet the criteria, the report will identify which requirements were not met and explain why the site was not recommended.

Keep a copy of your completed report as part of your farm's emergency preparedness records.