



## My DairySAT Action Plan

This action plan lists the practices to improve on your farm for the modules you have selected to cover. It includes key resources and contacts to help you get more information to improve your practices and your personalised notes and actions for each practice.

Modules	Status	Date last edited
Soils	 Actions to plan: 3	28/09/2015
Fertilisers	 Actions to plan: 8	28/09/2015
Effluent Management	 Actions to plan: 2	28/09/2015
Irrigation	 Actions to plan: 4	28/09/2015
Greenhouse Gas Emissions	 Actions to plan: 1	28/09/2015
Biodiversity	 Actions to plan: 1	28/09/2015
Energy & Water	 Actions to plan: 0	28/09/2015
Pests & Weeds	 Actions to plan: 0	28/09/2015
Chemicals	 Actions to plan: 7	28/09/2015
Farm Wastes	 Actions to plan: 1	28/09/2015

### Filtered by:

Chemicals , Fertilisers , Irrigation , Soils , Effluent Management , Biodiversity , Farm Wastes , Greenhouse Gas Emissions

Start/end date & Status	Module ▾ Section	Resources	Notes & Actions
Start: 30-09-	<b>Fertilisers</b> ▾	Fert\$mart program and the Dairy Soils	As a part of the Parmalat

2015  
End: 29-02-2016  
Status: In Progress

## Nutrient application & spreading

Nutrient application rates are not determined by a trained farmer or advisor.

and Fertiliser Manual:  
<http://fertsmart.dairyingfortomorrow.com.au>  
Department(s) of Environment and Primary Industries  
State Environmental Protection Agencies  
Dairying for tomorrow technical specialists:  
<http://www.dairyingfortomorrow.com/index.php?id=33>  
Local catchment management authority or natural resource management board:  
[www.nrm.gov.au/about/nrm/regions](http://www.nrm.gov.au/about/nrm/regions)  
Local Landcare Group:  
[www.landcareonline.com.au/?page\\_id=10](http://www.landcareonline.com.au/?page_id=10)  
Agronomist or farm consultant  
Milk company

Sustainability Project have a Fert\$mart Plan developed by a trained Fert\$mart Advisor. Work with project to engage local advisor to assist.

Start: 30-09-2015  
End: 29-02-2016  
Status: In Progress

## Fertilisers Fertiliser decision making

There is no documented farm nutrient management plan.

Fert\$mart program and the Dairy Soils and Fertiliser Manual:  
<http://fertsmart.dairyingfortomorrow.com.au>  
Department(s) of Environment and Primary Industries  
State Environmental Protection Agencies  
Dairying for tomorrow technical specialists:  
<http://www.dairyingfortomorrow.com/index.php?id=33>  
Local catchment management authority or natural resource management board:  
[www.nrm.gov.au/about/nrm/regions](http://www.nrm.gov.au/about/nrm/regions)  
Local Landcare Group:  
[www.landcareonline.com.au/?page\\_id=10](http://www.landcareonline.com.au/?page_id=10)  
Agronomist or farm consultant  
Milk company

A Nutrient Management Plan will be in place once a Fert\$mart Plan is developed.

<p>Start: 29-02-2016</p> <p>End: 28-02-2017</p> <p>Status: In Progress</p>	<p><b>Fertilisers</b> ▶</p> <p><b>Nutrient budget</b></p> <p>A nutrient budget is not used.</p>	<p>Fert\$mart program and the Dairy Soils and Fertiliser Manual:</p> <p><a href="http://ferts mart.dairyingfortomorrow.com.au">http://ferts mart.dairyingfortomorrow.com.au</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:</p> <p><a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:</p> <p><a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p> <p>Agronomist or farm consultant</p> <p>Milk company</p>	<p>The Fert\$mart Plan will be implemented as the primary source for nutrient decisions (fertiliser &amp; effluent) once in place.</p>
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<p>Start: 30-11-2015</p> <p>End: 31-01-2016</p> <p>Status: Not Started</p>	<p><b>Fertilisers</b> ▶</p> <p><b>Fertiliser decision making</b></p> <p>Soil constraints and other limiting factors are not considered when determining fertiliser requirements.</p>	<p>Fert\$mart program and the Dairy Soils and Fertiliser Manual:</p> <p><a href="http://ferts mart.dairyingfortomorrow.com.au">http://ferts mart.dairyingfortomorrow.com.au</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:</p> <p><a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:</p> <p><a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p>	<p>Adhoc soil testing program undertaken in the past.</p> <p>As part of the Fert\$mart Program for the farm, soil testing to be undertaken. Selection of representative paddocks will be made with the Fert\$mart Advisor based around Farm Management Zones (FMZ). The advisor will undertake a farm visit to analyse constraints and limitations as a part of the process in conjunction with Phil &amp; Craig.</p>
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		<p>Agronomist or farm consultant</p> <p>Milk company</p>	
<p>Start: 30-11-2015</p> <p>End: 31-12-2015</p> <p>Status: In Progress</p>	<p><b>Fertilisers</b> ▶</p> <p><b>Soil testing</b></p> <p>An unaccredited soil testing laboratory is used.</p>	<p>Fert\$mart program and the Dairy Soils and Fertiliser Manual:</p> <p><a href="http://ferts mart.dairyingfortomorrow.com.au">http://ferts mart.dairyingfortomorrow.com.au</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:</p> <p><a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:</p> <p><a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p> <p>Agronomist or farm consultant</p> <p>Milk company</p>	<p>Fert\$mart Program will use accredited labs. Will be used annually ongoing by Phil &amp; Craig.</p>
<p>Start: 31-01-2016</p> <p>End: 31-01-2017</p> <p>Status: In Progress</p>	<p><b>Fertilisers</b> ▶</p> <p><b>Nutrient application &amp; spreading</b></p> <p>The same rate of fertiliser is used on all paddocks without considering nutrient requirements.</p>	<p>Fert\$mart program and the Dairy Soils and Fertiliser Manual:</p> <p><a href="http://ferts mart.dairyingfortomorrow.com.au">http://ferts mart.dairyingfortomorrow.com.au</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:</p> <p><a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:</p>	<p>The whole farm is applied with approximately 125 kg/ ha Urea every six weeks. Every 18 weeks potash also applied with the Urea. All paddocks applied the same.</p> <p>Effluent dispersed to 10ha through pipe.</p> <p>Solids spread to areas of farm dependant on need.</p> <p>Fert\$mart Plan will assist to more accurately determine adequate source, rate and location of targeted fertilizer &amp; effluent application.</p>

		<p><a href="http://www.landcareonline.com.au?page_id=10">www.landcareonline.com.au/?page_id=10</a></p> <p>Agronomist or farm consultant</p> <p>Milk company</p>	
<p>Start: 30-11-2015</p> <p>End: 31-12-2015</p> <p>Status: In Progress</p>	<p><b>Fertilisers</b> ▶</p> <p><b>Soil testing</b></p> <p>Soil tests are not used to inform fertiliser decisions.</p>	<p>Fert\$mart program and the Dairy Soils and Fertiliser Manual:</p> <p><a href="http://fertsmart.dairyingfortomorrow.com.au">http://fertsmart.dairyingfortomorrow.com.au</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:</p> <p><a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:</p> <p><a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p> <p>Agronomist or farm consultant</p> <p>Milk company</p>	<p>Whole farm soil testing program to be developed and implemented as part of Fert\$mart Process. This will be implemented annually by Phil &amp; Craig.</p>
<p>Start: 30-11-2015</p> <p>End: 31-12-2015</p> <p>Status: In Progress</p>	<p><b>Fertilisers</b> ▶</p> <p><b>Soil testing</b></p> <p>No soil sampling is undertaken or soil samples are taken in an ad hoc manner.</p>	<p>Fert\$mart program and the Dairy Soils and Fertiliser Manual:</p> <p><a href="http://fertsmart.dairyingfortomorrow.com.au">http://fertsmart.dairyingfortomorrow.com.au</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource</p>	<p>See above.</p>

	<p>management board:  <a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:  <a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p> <p>Agronomist or farm consultant</p> <p>Milk company</p>	
<p>Start: 01-10-2015</p> <p>End: 30-11-2015</p> <p>Status: In Progress</p>	<p><b>Chemicals</b> ▶</p> <p><b>Training and safety</b></p> <p>Environmental pollution is not reported.</p> <p>Department(s) of Environment and Primary Industries</p> <p>Chemcert:  <a href="http://www.chemcert.org.au">www.chemcert.org.au</a></p> <p>ChemClear:  <a href="http://www.chemclear.com.au">www.chemclear.com.au</a></p> <p>AgSafe:  <a href="http://agsafe.com.au">http://agsafe.com.au</a></p> <p>A Material Data Safety Sheet (MSDS) is usually available on the website of the chemical manufacturer and/or retailer marketing the product.</p> <p>Farm consultant or agronomist</p> <p>PUBCRIS, a complete database of agricultural and veterinary chemicals registered for use on Australian dairy farms:  <a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a></p> <p>It is also available as a smart phone app.</p>	<p>Has not been a need to report to date. If reportable incident occurs, legal requirements would be adhered to.</p>
<p>Start: 01-12-2015</p> <p>End: 30-04-2016</p> <p>Status: In Progress</p>	<p><b>Chemicals</b> ▶</p> <p><b>Storage and management</b></p> <p>Inadequate or no records of chemicals stored and used are made or kept.</p> <p>Department(s) of Environment and Primary Industries</p> <p>Chemcert:  <a href="http://www.chemcert.org.au">www.chemcert.org.au</a></p> <p>ChemClear:  <a href="http://www.chemclear.com.au">www.chemclear.com.au</a></p> <p>AgSafe:  <a href="http://agsafe.com.au">http://agsafe.com.au</a></p> <p>A Material Data Safety Sheet (MSDS)</p>	<p>Chemicals stored have inventory.</p> <p>MSDS to be sourced and placed with chemicals.</p> <p>Bunding and ventilation options to be looked at.</p> <p>Sprayed chemical use documentation process needs to be put in place.</p>

		<p>is usually available on the website of the chemical manufacturer and/or retailer marketing the product.</p> <p>Farm consultant or agronomist</p> <p>PUBCRIS, a complete database of agricultural and veterinary chemicals registered for use on Australian dairy farms:</p> <p><a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a></p> <p>It is also available as a smart phone app.</p>	
<p>Start: 30-09-2015</p> <p>End: 31-10-2015</p> <p>Status: In Progress</p>	<p><b>Chemicals</b> ▶</p> <p><b>Application and use</b></p> <p>Spray contractors do not have the necessary licences.</p>	<p>Department(s) of Environment and Primary Industries</p> <p>Chemcert:</p> <p><a href="http://www.chemcert.org.au">www.chemcert.org.au</a></p> <p>ChemClear:</p> <p><a href="http://www.chemclear.com.au">www.chemclear.com.au</a></p> <p>AgSafe:</p> <p><a href="http://agsafe.com.au">http://agsafe.com.au</a></p> <p>A Material Data Safety Sheet (MSDS) is usually available on the website of the chemical manufacturer and/or retailer marketing the product.</p> <p>Farm consultant or agronomist</p> <p>PUBCRIS, a complete database of agricultural and veterinary chemicals registered for use on Australian dairy farms:</p> <p><a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a></p> <p>It is also available as a smart phone app.</p>	<p>No contractors used for spraying of chemicals.</p>
<p>Start: 30-09-2015</p> <p>End: 30-04-2016</p> <p>Status: In Progress</p>	<p><b>Chemicals</b> ▶</p> <p><b>Training and safety</b></p> <p>There are no emergency standard operating procedures (SOPs) to deal with chemical and/or fuel accidents, spills or emergencies.</p>	<p>Department(s) of Environment and Primary Industries</p> <p>Chemcert:</p> <p><a href="http://www.chemcert.org.au">www.chemcert.org.au</a></p> <p>ChemClear:</p> <p><a href="http://www.chemclear.com.au">www.chemclear.com.au</a></p> <p>AgSafe:</p>	<p>SOPs to be prepared for emergency spills and communicated to staff on the farm. SOPs to be stored near chemical storage.</p>

		<p><a href="http://agsafe.com.au">http://agsafe.com.au</a></p> <p>A Material Data Safety Sheet (MSDS) is usually available on the website of the chemical manufacturer and/or retailer marketing the product.</p> <p>Farm consultant or agronomist</p> <p>PUBCRIS, a complete database of agricultural and veterinary chemicals registered for use on Australian dairy farms:</p> <p><a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a></p> <p>It is also available as a smart phone app.</p>	
<p>Start: 30-09-2015</p> <p>End: 31-12-2015</p> <p>Status: Not Started</p>	<p><b>Chemicals</b> ▶</p> <p><b>Storage and management</b></p> <p>MSDS are not available for hazardous chemicals stored and used on the farm.</p>	<p>Department(s) of Environment and Primary Industries</p> <p>Chemcert:</p> <p><a href="http://www.chemcert.org.au">www.chemcert.org.au</a></p> <p>ChemClear:</p> <p><a href="http://www.chemclear.com.au">www.chemclear.com.au</a></p> <p>AgSafe:</p> <p><a href="http://agsafe.com.au">http://agsafe.com.au</a></p> <p>A Material Data Safety Sheet (MSDS) is usually available on the website of the chemical manufacturer and/or retailer marketing the product.</p> <p>Farm consultant or agronomist</p> <p>PUBCRIS, a complete database of agricultural and veterinary chemicals registered for use on Australian dairy farms:</p> <p><a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a></p> <p>It is also available as a smart phone app.</p>	<p>MSDS to be sourced and stored near chemicals.</p>
<p>Start: 31-10-2015</p> <p>End: 30-04-2016</p> <p>Status: In Progress</p>	<p><b>Chemicals</b> ▶</p> <p><b>Storage and management</b></p> <p>Chemical and fuel storage areas cannot contain spills or run off</p>	<p>Department(s) of Environment and Primary Industries</p> <p>Chemcert:</p> <p><a href="http://www.chemcert.org.au">www.chemcert.org.au</a></p> <p>ChemClear:</p>	<p>Chemicals are stored separately away from feed &amp; Vat.</p> <p>Chemical storage needs to be lockable, aerated &amp; banded. Options to be investigated in 2015.</p> <p>Options to be implemented 2016.</p>



water. Chemicals and/or fuels are stored with animal feeds, fertilisers, seeds or in close proximity to the milk vat.

[www.chemclear.com.au](http://www.chemclear.com.au)

AgSafe:

<http://agsafe.com.au>

A Material Data Safety Sheet (MSDS) is usually available on the website of the chemical manufacturer and/or retailer marketing the product.

Farm consultant or agronomist

PUBCRIS, a complete database of agricultural and veterinary chemicals registered for use on Australian dairy farms:

<https://portal.apvma.gov.au/pubcris>

It is also available as a smart phone app.

Start: 31-10-2015

End: 30-04-2016

Status: In Progress

## Chemicals ▶

### Storage and management

Chemicals and/or fuels are stored with animal feeds, fertilisers, seeds or in close proximity to the milk vat.

Department(s) of Environment and Primary Industries

Chemcert:

[www.chemcert.org.au](http://www.chemcert.org.au)

ChemClear:

[www.chemclear.com.au](http://www.chemclear.com.au)

AgSafe:

<http://agsafe.com.au>

A Material Data Safety Sheet (MSDS) is usually available on the website of the chemical manufacturer and/or retailer marketing the product.

Farm consultant or agronomist

PUBCRIS, a complete database of agricultural and veterinary chemicals registered for use on Australian dairy farms:

<https://portal.apvma.gov.au/pubcris>

It is also available as a smart phone app.

See Above.

Start: 30-11-2015

End: 31-12-2015

Status: In

## Soils ▶

### Salinity

Unsure if farm soils are

Fert\$mart program and the Dairy Soils and Fertiliser Manual:

<http://ferts mart.dairyingfortomorrow.com.au>

No physical signs noticed.

Soil testing program to be undertaken will evaluate need to address this issue.

<p>Status: In Progress</p>	<p>saline or sodic, or if farm water is saline.</p>	<p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:</p> <p><a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:</p> <p><a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p> <p>Agronomist or farm consultant</p> <p>Milk company</p>	
<p>Start: 30-11-2015</p> <p>End: 31-12-2015</p> <p>Status: In Progress</p>	<p><b>Soils</b> ▶</p> <p><b>Acidity</b></p> <p>Unsure if acidity is a problem. If acidity exists unsure if it is surface or subsurface acidity, or both; or soil acidity is affecting production and there are no management plans in place to address it.</p>	<p>Fert\$mart program and the Dairy Soils and Fertiliser Manual:</p> <p><a href="http://fertsmart.dairyingfortomorrow.com.au">http://fertsmart.dairyingfortomorrow.com.au</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:</p> <p><a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:</p> <p><a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p> <p>Agronomist or farm consultant</p> <p>Milk company</p>	<p>Please see above. Same as salinity Action.</p>
<p>Start: 30-11-</p>	<p><b>Soils</b> ▶</p>	<p>Fert\$mart program and the Dairy Soils</p>	<p>Yet to be determined.</p>

<p>2015</p> <p>End: 31-12-2015</p> <p>Status: In Progress</p>	<p><b>Salinity</b></p> <p>Salinity or sodicity problems exists on-farm and there is no monitoring or management plans to address it.</p>	<p>and Fertiliser Manual:</p> <p><a href="http://fertsmart.dairyingfortomorrow.com.au">http://fertsmart.dairyingfortomorrow.com.au</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:</p> <p><a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:</p> <p><a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p> <p>Agronomist or farm consultant</p> <p>Milk company</p>	<p>If issues with salinity or acidity determined, will seek advice from agronomy advisor on actions to be undertaken.</p> <p>Fert\$mart Plan will address options.</p>
<p>Start: 29-02-2016</p> <p>End: 28-02-2017</p> <p>Status: In Progress</p>	<p><b>Effluent Management</b></p> <p><b>Feedpads</b></p> <p>No effluent application system is in place and/or effluent is directed to a designated sacrifice paddock.</p>	<p>Guidelines for Victorian Feedpads and Freestalls available:</p> <p><a href="http://www.dairyingfortomorrow.com/uploads/documents/Victorian%20Guidelines%20-%20feedpads%20and%20freestalls.pdf">http://www.dairyingfortomorrow.com/uploads/documents/Victorian%20Guidelines%20-%20feedpads%20and%20freestalls.pdf</a></p> <p>Effluent and Manure Management Database for the Australian Dairy Industry:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=48">http://www.dairyingfortomorrow.com/index.php?id=48</a></p> <p>Dairy Soils and Fertiliser Manual:</p> <p><a href="http://fertsmart.dairyingfortomorrow.com.au/">http://fertsmart.dairyingfortomorrow.com.au/</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:</p> <p><a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p>	<p>Scott Birchall will be advising the farm on a new designed effluent system for the new dairy- capture &amp; storage requirements (effluent, sludge &amp; solids).</p>

		Milk company	
<p>Start: 29-02-2016</p> <p>End: 30-04-2016</p> <p>Status: In Progress</p>	<p><b>Effluent Management</b></p> <p><b>Feedpads</b></p> <p>No effluent application system is in place and/or effluent is directed to a designated sacrifice paddock.</p>	<p>Guidelines for Victorian Feedpads and Freestalls available:  <a href="http://www.dairyingfortomorrow.com/uploads/documents/Victorian%20Guidelines%20-%20feedpads%20and%20freestalls.pdf">http://www.dairyingfortomorrow.com/uploads/documents/Victorian%20Guidelines%20-%20feedpads%20and%20freestalls.pdf</a></p> <p>Effluent and Manure Management Database for the Australian Dairy Industry:  <a href="http://www.dairyingfortomorrow.com/index.php?id=48">http://www.dairyingfortomorrow.com/index.php?id=48</a></p> <p>Dairy Soils and Fertiliser Manual:  <a href="http://fertsmart.dairyingfortomorrow.com.au/">http://fertsmart.dairyingfortomorrow.com.au/</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>State Environmental Protection Agencies</p> <p>Dairying for tomorrow technical specialists:  <a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Milk company</p>	<p>Feedpad (new enlarged) will be considered in the design of the new effluent system. Effluent to be diverted into a capture system and re-used. Solids dry-scraped and immediately spread onto farm.</p>
<p>Start: 01-07-2016</p> <p>End: 30-06-2017</p> <p>Status: In Progress</p>	<p><b>Greenhouse Gas Emissions</b></p> <p><b>Shade, shelter and carbon sequestration</b></p> <p>No consideration is given to the use of vegetation as shelter.</p>	<p>Please refer to the DairySAT biodiversity module.</p>	<p>Assistance to be sought to look at options for cooling cows- preference is for loafing shed.</p> <p>Options to be explored with a consultant.</p>
<p>Start: 30-09-2015</p> <p>End: 31-10-2015</p> <p>Status: In Progress</p>	<p><b>Farm Wastes</b></p> <p><b>Odour and noise</b></p> <p>Complaints log is not kept (and you have received complaints).</p>	<p>Department(s) of Environment and Primary Industries</p> <p>Contact your local departments to find out your legal obligations in managing these wastes.</p> <p>Your local council:  <a href="http://australia.gov.au/services/service-task/contact/contact-my-local-council">http://australia.gov.au/services/service-task/contact/contact-my-local-council</a></p>	<p>Farm is located only 1.5km from Albion Park. No complaints received in history of farm.</p> <p>Should complaints be received, would work with required authority to address any issues.</p>

	<p>Local catchment management authority or natural resource management board:  <a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p>	
<p>Start: 30-09-2015  End: 29-02-2016  Status: In Progress</p> <p><b>Biodiversity</b> ▶</p> <p><b>Whole farm planning</b></p> <p>No documented whole farm plan.</p>	<p>Department(s) of Environment and Primary Industries</p> <p>Dairying for tomorrow technical specialists:  <a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:  <a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:  <a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p> <p>Greening Australia:  <a href="http://www.greeningaustralia.org.au">www.greeningaustralia.org.au</a></p>	<p>A Whole Farm Plan is currently underway. As the farm will require major changes to layout over the next few months, Phil &amp; Craig, in consultation with John Mulvany, are determining the requirements with regards to all infrastructure, equipment and paddock/ laneway design.</p>
<p>Start: 31-01-2016  End: 31-12-2016  Status: In Progress</p> <p><b>Irrigation</b> ▶</p> <p><b>Generic irrigation</b></p> <p>Application of water is not measured across the farm.</p>	<p>Dairy Australia:  <a href="http://www.dairyaustralia.com.au/Animals-feed-and-environment/Environment/Water.aspx">www.dairyaustralia.com.au/Animals-feed-and-environment/Environment/Water.aspx</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>The Victorian Department of Environment and Primary Industries' <i>Irrigation System Selection and Design Guidelines</i>:  <a href="http://www.depi.vic.gov.au">www.depi.vic.gov.au</a></p> <p>Irrigation consultant or agronomist</p> <p>Dairying for tomorrow technical specialists:  <a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:  <a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:  <a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p>	<p>Irrigated areas of the farm serviced by a travelling irrigator. The irrigator can be set at a certain rate of application.</p> <p>Application determined by knowledge of seasons rather than measured data. No run-off or wastage occurring. Water meeting plant needs.</p>

<p>Start: 30-09-2015</p> <p>End: 31-10-2015</p> <p>Status: In Progress</p>	<p><b>Irrigation</b> ▶</p> <p><b>Generic irrigation</b></p> <p>Groundwater is not considered in the management of the farm's resources or groundwater is used but the quality of the shandy is never checked.</p>	<p>Dairy Australia:  <a href="http://www.dairyaustralia.com.au/Animals-feed-and-environment/Environment/Water.aspx">www.dairyaustralia.com.au/Animals-feed-and-environment/Environment/Water.aspx</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>The Victorian Department of Environment and Primary Industries' <i>Irrigation System Selection and Design Guidelines</i>:  <a href="http://www.depi.vic.gov.au">www.depi.vic.gov.au</a></p> <p>Irrigation consultant or agronomist</p> <p>Dairying for tomorrow technical specialists:  <a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:  <a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:  <a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p>	<p>Groundwater not applicable. River water used.</p>
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<p>Start: 31-10-2015</p> <p>End: 31-10-2015</p> <p>Status: In Progress</p>	<p><b>Irrigation</b> ▶</p> <p><b>Generic irrigation</b></p> <p>Not aware of watertable salinity on farm.</p>	<p>Dairy Australia:  <a href="http://www.dairyaustralia.com.au/Animals-feed-and-environment/Environment/Water.aspx">www.dairyaustralia.com.au/Animals-feed-and-environment/Environment/Water.aspx</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>The Victorian Department of Environment and Primary Industries' <i>Irrigation System Selection and Design Guidelines</i>:  <a href="http://www.depi.vic.gov.au">www.depi.vic.gov.au</a></p> <p>Irrigation consultant or agronomist</p> <p>Dairying for tomorrow technical specialists:  <a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management</p>	<p>Water has been analysed in the past. Water not defined as saline.</p>
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<p>Start: 30-09-2015</p> <p>End: 31-10-2015</p> <p>Status: In Progress</p>	<p><b>Irrigation</b> ▶</p> <p><b>Generic irrigation</b></p> <p>Not aware of watertable levels on farm.</p>	<p>Dairy Australia:  <a href="http://www.dairyaustralia.com.au/Animals-feed-and-environment/Environment/Water.aspx">www.dairyaustralia.com.au/Animals-feed-and-environment/Environment/Water.aspx</a></p> <p>Department(s) of Environment and Primary Industries</p> <p>The Victorian Department of Environment and Primary Industries' <i>Irrigation System Selection and Design Guidelines</i>:  <a href="http://www.depi.vic.gov.au">www.depi.vic.gov.au</a></p> <p>Irrigation consultant or agronomist</p> <p>Dairying for tomorrow technical specialists:  <a href="http://www.dairyingfortomorrow.com/index.php?id=33">http://www.dairyingfortomorrow.com/index.php?id=33</a></p> <p>Local catchment management authority or natural resource management board:  <a href="http://www.nrm.gov.au/about/nrm/regions">www.nrm.gov.au/about/nrm/regions</a></p> <p>Local Landcare Group:  <a href="http://www.landcareonline.com.au/?page_id=10">www.landcareonline.com.au/?page_id=10</a></p>	<p>Water table levels not know, however, not considered applicable for the location of the farm.</p> <p>Soil tests may tell the farm if there are any issues in this are.</p>

