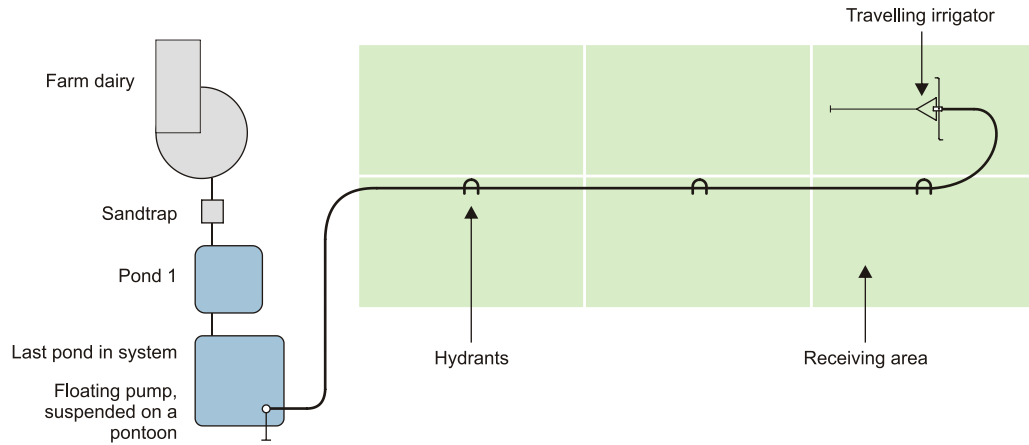


Typical system diagrams

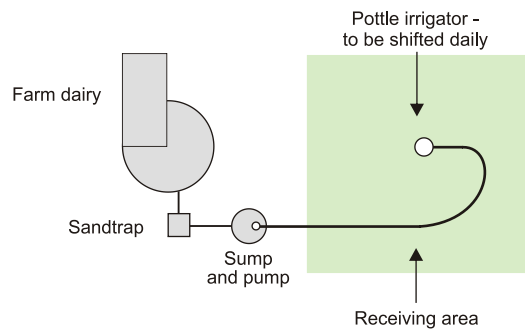
Spraying from the second pond

Note: The size of the system and the choice of irrigator will depend on the number of cows that are being milked.



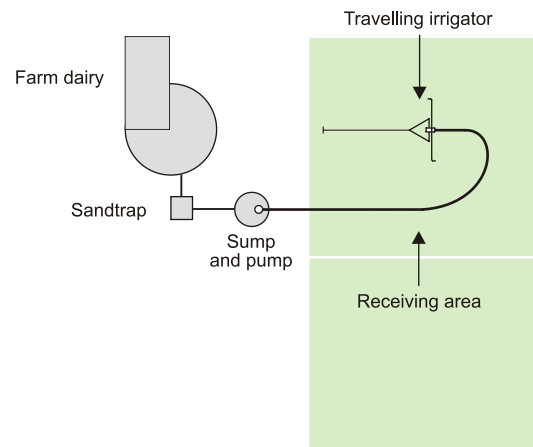
Less than 250 cows

Simple pump, pipe, pottle system.



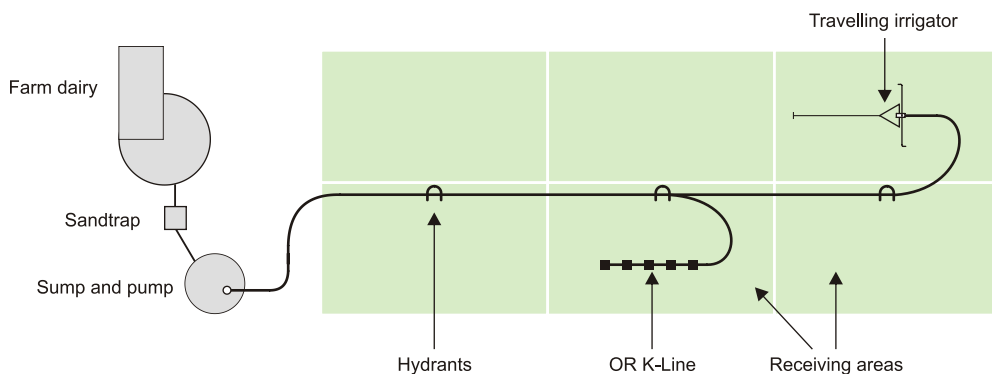
More than 250-350 cows

With this many cows a travelling irrigator can help simplify management.



More than 350 cows

A farm with more than 350 cows needs a lot of area for irrigation. A travelling irrigator or K-line system that is fed off hydrants is the easiest system to manage.



Maintenance

The whole system will require regular checks and maintenance to remedy any split hosing, leaking couplings etc. Yearly checks should be made on the irrigator and pump, checking for any wear and tear, to avoid any failure. At the end of the season when you finish irrigating, the system should be flushed to remove any remaining effluent and prevent it settling and causing blockages next season.

Other options

If spray irrigation is not suitable, oxidation ponds may be an option. Information is available from the Taranaki Regional Council on this type of system, and whether it is an option for your farm. Tertiary treatment in the form of a wetland may be required should you wish to install oxidation ponds.

Compliance monitoring

Each farm that holds a resource consent to discharge dairy effluent is inspected annually by the Taranaki Regional Council. Advice and information is generally offered as the first response to compliance issues.

The inspection is to assess compliance with the resource consent conditions and it incurs a reasonable monitoring fee. In general, approximately 95% of farms are compliant each year.

Those farms in breach of their consent conditions are re-inspected to ensure any required improvements have been implemented. A fee applies to each re-inspection. An abatement notice is usually issued requiring actions to be undertaken by the consent holder in a specified period.

In cases of significant and/or repeated non-compliance, an infringement notice may be issued with associated monitoring costs or a prosecution may be undertaken.

More information

A copy of this guideline and other information about dairymshed and waste management is available on the Council's website www.trc.govt.nz. The Council's Inspectorate Officers can be contacted for advice and information at:

Taranaki Regional Council
Private Bag 713, Stratford
Ph: 06 765 7127
or 0800 736 222
Email: info@trc.govt.nz

For more information please contact:

Taranaki Regional Council

Inspectorate Section

Private Bag 713, Stratford

Ph: 06 765 7127

Fax: 06 765 5097

www.trc.govt.nz

