



## Stock Water Workshop & Field Day

“Windermere”, Murringo via  
Young

Tuesday, 9 March 2010

### Context:

One of the most critical issues in improving grazing management is ensuring livestock have access to appropriate supplies of water. Those attending this workshop will hear and see first hand what to consider in terms of the principles and practice in the design and implementation of on-farm cost effective stock water systems. Participants will be able to ask questions specific to their own situations, recognising that each property is unique and has to be looked at in this light.

### Program:

- 8.30 Registration - at the woolshed. Tea and Coffee available
- 9.00 Phillip Diprose
  - Introduction and overview of the day
- 9.05 Phil Wells
  - Principles and processes in designing a farm water supply
- 10.30 Morning tea
- 11.00 Sam Johnson
  - Case Study, including costings: “Windermere” farm water scheme
- 12.15 Phillip Diprose
  - Farm water tank selection: Factors to Consider
- 12.30 Lunch – Sandwich luncheon supplied
- 1.30 Sam Johnson
  - “Windermere” field day
  - Tour along the main pipe-line with stops to discuss practical issues
- 3.30 Afternoon tea
- 4.00 Phil Wells, Sam Johnson and Phillip Diprose
  - Panel discussion and questions from the field day and wrap-up
- 5.00 Finish

### Bookings and Cost:

Cost for the day is \$100 / per person GST inclusive and includes lunch and morning and afternoon tea. Bookings are required for catering purposes.

For more information, detailed directions and to make bookings and payment: Email: [phillip@holisticmanagement.org.au](mailto:phillip@holisticmanagement.org.au) or phone Phillip Diprose on 02 6343 5105.



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### **What to Bring:**

Land managers may find it useful to bring documents such a topographic map, aerial photograph and paddock layout with paddock names, preferably to scale. The Lachlan CMA has indicated it is able to assist those looking to improve their grazing management practices in preparing some of these documents. Contact your local Catchment Officer as appropriate.

Participants should bring their own chair.

### **About the Presenters:**

#### Phil Wells

Phil was with the NSW Water Resources Department for 43 years to 2003 and has subsequently independently continued to provide professional advisory and technical services to landholders seeking to establish and improve farm water supply sources. He is renowned throughout NSW and Victoria as being a non-product aligned straight shooter with a lifetime of knowledge and experience in his chosen profession, and is also a member of the Australian Institute of Agricultural Science and Technology. He is passionate about ensuring the schemes he designs are sustainable for better environmental management practice outcomes thus safeguarding as far as possible stock, agricultural and horticultural enterprises against drought.

#### Sam and Claire Johnson

Sam and Claire Johnson have designed and constructed a livestock water system on their 1500ha property "Windermere" over the last 2 years to replace failing dams and harness the potential of a high density managed grazing system they have implemented with their cattle. The key requirements of their new water system were flexibility, high quality water, low cost design and implementation, easy maintenance and reliability. The topography of the property and the requirements of the grazing system have presented many challenges and the resulting design provides an excellent example of the issues and tradeoffs to be considered when designing a stock water system.

#### Phillip and Jan Diprose

Phillip and his wife Jan are applying planned holistic grazing to improve ground cover, biodiversity and profitability on their farm, "Ochre Arch", at Grenfell. The Lachlan CMA is assisting them with progressive implementation of a 'wire and water' program. Works completed to date has seen paddock numbers increase from 9 to 21. During the current summer they've acquired hands on experience with temporary stock water pending installation of their permanent on-farm water scheme. "Ochre Arch" is also part of the Ooma Water Scheme, involving 34 farming families between Grenfell and Forbes. The community water scheme will involve some 125 km of pipes and infrastructure delivering a total of 0.6 megalitres per day from a bore near Garema to 50 locations. Phillip recently sought and reviewed quotes from 14 poly and steel tank suppliers and worked with committee members to identify preferred suppliers of receiving tanks for use by members.

### **Acknowledgements**

The Lachlan CMA and Clark Tanks are kindly supporting this event.