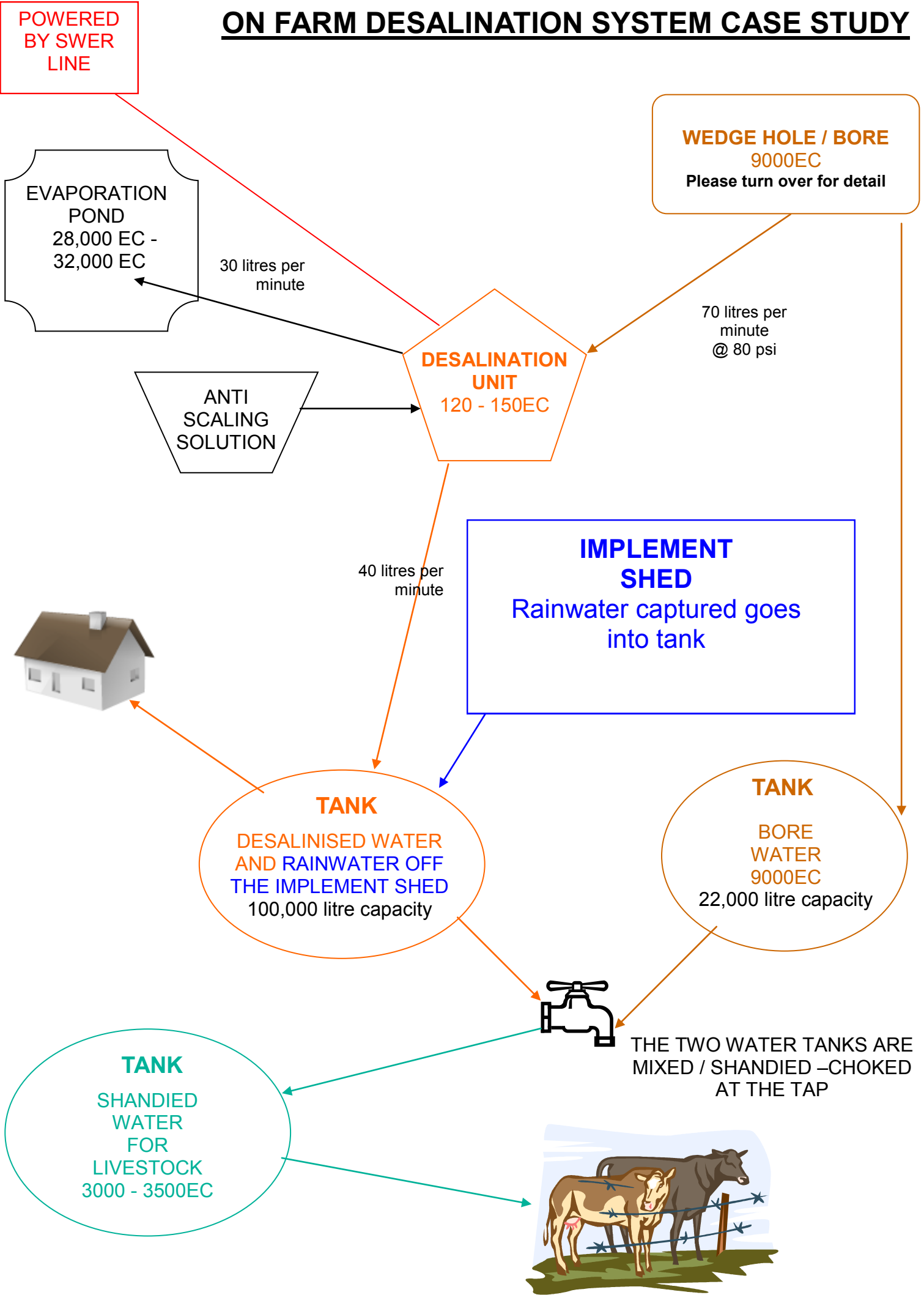


ON FARM DESALINATION SYSTEM CASE STUDY



Desalination Unit

Case Study

- The SA mains water bills were approximately \$8000 per quarter over winter.
- Predominantly used for stock water for cattle.
- Needed to look at alternative options for stock water supply.
- Decided on 'Saltfree' Desalination Unit.
- Power usage and cost not calculated yet.
- Desalination unit has soft start electricity.
- The anti scaler used is 'Permacare – Reverse Osmosis Anti Scalant'.
- Only enough power to run pump OR desalination unit.
- Could look at solar as an option to run to pump water out to the stock.
- Desalination unit cost \$37K.
- Total project cost \$130K+.
- The evaporation pond will be lined with a 'Fabtech' brand plastic membrane.

BORE SET UP

Pumps at 140 litres per minute

