

JM&GR Mieglich

(Charleston, SA)

Average milking herd: 150
 Type of effluent system: Gravity separation



Effluent from the dairy shed flows in to an old sump adjacent the dairy. It then gravitates under the laneway in to trafficable solids trap (TST).



The heavy, fibrous solids and sand fall out of solution in the trap, whilst the liquid effluent passes through the horizontal separation area (horizontal panels).

The TST can be cleaned out using the property's front-end loader and then applied to the property.



Effluent passes through the separation area in to a concrete sump that drains to a clay lined storage pond.

Effluent will be injected in to the existing fixed sprinkler system and shandied with irrigation water during the irrigation months. Effluent will be applied over 18 hectares.



Nutrients captured at the dairy shed annually:

- 1,273 kg/yr of Nitrogen
- 240 kg/yr of Phosphorous
- 892 kg/yr of Potassium

Proudly supported by

