

R&D Snapshot

QLD Sedimentation and Evaporation Pond System (SEP's) Trial

Investigators: Mr Alan Skerman, QLD DAFF

Purpose:

- To investigate the feasibility of using SEP's (2–3 parallel long, narrow, trafficable earthen channels) to treat piggery effluent and manage solids in the summer dominant rainfall area of Southern (Sth) QLD/Northern (Nth) NSW.

Take home messages:

- There is no valid reason for restricting the wider adoption of SEP's in Sth QLD and Nth NSW
- Timely rotation of the channels and solids removal is required as it may be an issue during seasons with higher than average rainfall
- Reduction of total solids, volatile solids, Nitrogen, Phosphorus and Potassium in this study was similar in performance to that recorded for SEP's previously constructed in NSW and WA
- Odour emissions were very similar to previously recorded in Sth NSW and overall emissions likely to be less than conventional ponds due to smaller surface area.

Additional information:

- [Click here to view the full report](#)
- Contact Janine Price at janine.price@australianpork.com.au or 02 6270 8827

