

# R&D Snapshot

## Quantitative assessment of odour, dust and noise emission from free range piggeries

**Investigator:** Assoc Prof Thomas Banhazi, University of Southern Queensland

### Purpose:

- Odour, dust and noise emission from outdoor piggeries has been raised as a potential issue, especially during planning
- With no emission data currently available in Australia or internationally to inform producers, community and decision makers, this study aimed to gather data from three farms over summer and winter.

### Take home messages:

- Odour was very low compared to mean emissions from similar sources (eg. beef feedlot)
- Dust concentrations were very low, with many of the peak concentrations not directly associated with pigs eg. machinery movements
- Noise levels from pigs were very low. Most noise was from wind, birds and insects. Decibel readings were similar to a quiet suburban street and lower than in a typical household
- Implementation of odour, dust and noise reduction strategies on outdoor piggeries appears unnecessary at this stage.

### Additional information:

- Fact sheet coming soon
- Contact Janine Price at [janine.price@australianpork.com.au](mailto:janine.price@australianpork.com.au) or 02 6270 8827.

