

POLLUTION MONITORING DATA

Licence Number: 5471

Licence Holder: Pig Improvement Company Australia Pty Ltd

Location: Berembed Weir Road Grong Grong NSW 2652

Reporting Period: 09/08/2016 to 08/08/2017

<http://www.epa.nsw.gov.au/prpoeo/index.htm>

Discharge & Monitoring Point 1 (Licenced Effluent Application Area – PIC Farmlands)

Pollutant	Unit of Measure	No. of Samples Required by Licence	No. of Samples Collected and Analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
Available phosphorus	milligrams per kilogram	1	1	222	267.5	313
Cation exchange capacity	milliequivalents	1	1	8.04	9.97	11.90
Chloride	milligrams per kilogram	1	1	13.70	19.87	26.04
Exchangeable calcium	milliequivalents	1	1	4.89	5.13	5.37
Exchangeable magnesium	milliequivalents	1	1	3.52	4.03	4.54
Exchangeable potassium	milliequivalents	1	1	2.43	2.5	2.57
Exchangeable sodium	milliequivalents	1	1	1.65	1.66	1.68
Exchangeable sodium percentage	percent	1	1	0.40	0.48	0.57
Nitrate	milligrams per kilogram	1	1	64	96.0	128
pH	pH	1	1	5.2	5.25	5.3

Monitoring Point 2 (Piezometer 1 – PIC Farmlands)

Pollutant	Unit of Measure	No. of Samples Required by Licence	No. of Samples Collected and Analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
Conductivity	microsiemens per centimetre	1	1		3870	
Nitrate	milligrams per litre	1	1		< 1	
pH	pH	1	1		8.5	
Standing water level	metres	2	2	0.8		0.9

Monitoring Point 3 (Piezometer 2 – PIC Farmlands)

Pollutant	Unit of Measure	No. of Samples Required by Licence	No. of Samples Collected and Analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
Conductivity	microsiemens per centimetre	1	1		4050	
Nitrate	milligrams per litre	1	1		5.7	
pH	pH	1	1		8.0	
Standing water level	metres	2	2	1.76		1.80