

POLLUTION MONITORING DATA

Licence Number: 5471

Licence Holder: Pig Improvement Company Australia Pty Ltd

Location: Berembed Weir Road Grong Grong NSW 2652

Reporting Period: 09/08/2018 to 08/08/2019

<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
Chloride	milligrams per kilogram	1	1	9.87	10.96	12.05
Nitrate	milligrams per kilogram	1	1	325	281	237
pH	pH	1	1	5.3	5.5	5.7
Exchangeable calcium	milliequivalents	1	1	5.37	5.43	5.50
Exchangeable magnesium	milliequivalents	1	1	3.44	3.56	3.68
Exchangeable sodium	milliequivalents	1	1	0.78	0.88	0.98
Exchangeable potassium	milliequivalents	1	1	3.71	3.82	3.93
Cation Exchange Capacity	milligrams per kilogram	1	1	9.88	11.91	13.95
Available phosphorus	milligrams per kilogram	1	1	314	367	420
Exchangeable sodium percentage	Percent	1	1	0.46	0.68	0.90

Monitoring Point 2 (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		320	
Nitrate	milligrams per litre	1	1		2.4	
pH	pH	1	1		7.5	
Standing water level	metres	2	2	168		176

Monitoring Point 3 (Piezometer 3 – 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		5700	
Nitrate	milligrams per litre	1	1		3.1	
pH	pH	1	1		7.8	
Standing water level	metres	2	2	175		179