

## POLLUTION MONITORING DATA

Licence Number: 5471

Licence Holder: Pig Improvement Company Australia Pty Ltd

Location: Berembed Weir Road Grong Grong NSW 2652

Reporting Period: 09/08/2021 to 08/08/2022

<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	310	310	310
Nitrate	milligrams per kilogram	1	1	<0.20	<0.20	<0.20
pH	pH	1	1	8.0	8.0	8.0
Exchangeable calcium	milliequivalents	1	1	99	99	99
Exchangeable magnesium	milliequivalents	1	1	26	26	26
Exchangeable sodium	milliequivalents	1	1	180	180	180
Exchangeable potassium	milliequivalents	1	1	510	510	510
Cation Exchange Capacity	milligrams per kilogram	1	1	13.03	13.03	13.03
Available phosphorus	milligrams per kilogram	1	1	29	29	29
Exchangeable sodium percentage	Percent (mg/L)	1	1	180	180	180

**Monitoring Point 2 (Piezometer 1 – New Dam)**

<b>Pollutant</b>	<b>Unit of Measure</b>	<b>No. of Samples Required by Licence</b>	<b>No. of Samples Collected and Analysed</b>	<b>Lowest Sample Value</b>	<b>Mean of Sample</b>	<b>Highest Sample Value</b>
Conductivity	microsiemens per centimetre	1	1	8700	8700	8700
Nitrate	milligrams per litre	1	1	<0.20	<0.20	<0.20
pH	pH	1	1	7.4	7.4	7.4
Standing water level	metres	2	2	1.63	1.67	1.72

**Monitoring Point 3 (Piezometer 2 – New Dam)**

<b>Pollutant</b>	<b>Unit of Measure</b>	<b>No. of Samples Required by Licence</b>	<b>No. of Samples Collected and Analysed</b>	<b>Lowest Sample Value</b>	<b>Mean of Sample</b>	<b>Highest Sample Value</b>
Conductivity	microsiemens per centimetre	1	1	4800	4800	4800
Nitrate	milligrams per litre	1	1	<0.20	<0.20	<0.20
pH	pH	1	1	7.4	7.4	7.4
Standing water level	metres	2	2	1.30	1.33	1.35