

POLLUTION MONITORING DATA

Licence Number: 5471

Licence Holder: Pig Improvement Company Australia Pty Ltd

Location: Berembed Weir Road Grong Grong NSW 2652

Reporting Period: 09/08/2020 to 08/08/2021

<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	350	350	350
Nitrate	milligrams per kilogram	1	1	0.21	0.21	0.21
pH	pH	1	1	7.3	7.3	7.3
Exchangeable calcium	milliequivalents	1	1	100	100	100
Exchangeable magnesium	milliequivalents	1	1	26	26	26
Exchangeable sodium	milliequivalents	1	1	220	220	220
Exchangeable potassium	milliequivalents	1	1	600	600	600
Cation Exchange Capacity	milligrams per kilogram	1	1	12.85	12.85	12.85
Available phosphorus	milligrams per kilogram	1	1	30	30	30
Exchangeable sodium percentage	Percent	1	1	4.8	4.8	4.8

Monitoring Point 2 (Piezometer 1 – New Dam)

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	6200	6200	6200
Nitrate	milligrams per litre	1	1	0.010	0.010	0.010
pH	pH	1	1	7.3	7.3	7.3
Standing water level	metres	2	2	2.18	2.185	2.19

Monitoring Point 3 (Piezometer 2 – New Dam)

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	3300	3300	3300
Nitrate	milligrams per litre	1	1	12	12	12
pH	pH	1	1	7.4	7.4	7.4
Standing water level	metres	2	2	2.22	2.53	2.85