

Annual MP2 Summary of Monitoring Data required by NSW EPL 1699

Site:	Tahmoor PPP
EPL:	1699
Link:	http://www.epa.nsw.gov.au/prpoeoapp
Licensee name:	Inghams Enterprises Pty Ltd
Licensee's address:	Locked Bag 2039, North Ryde, NSW 1670
Location of monitoring point / area:	MP1 - Irrigation Pond, MP2 - Irrigation area (soil monitoring points C1, X, G4, P1a, P1b, P2 and P3 on effluent re-use areas)
Pollutant:	Secondary treated effluent
Unit of measure:	Various, see results tables below
Monitoring frequency:	MP1 - Monthly, MP2 - Annually
Any other relevant requirements:	MP2 - Next monitoring scheduled for Dec 2020
Any limit imposed by the licence:	No

MP2 Summary 2019-2020 Return - NSW EPL 1699

Pollutant	Unit of measure	No. of samples required *	No. of samples collected and analysed *	Lowest sample value *	Mean of sample *	Highest sample value *
<i>Available phosphorus</i>	milligrams per kilogram	14	14	<1	31.55	190.00
<i>Cation Exchange Capacity</i>	centimoles of positive charge per kilogram of soil	14	14	6.10	12.24	19.00
<i>Conductivity</i>	deciSiemens per metre	14	14	0.064	0.090	0.200
<i>Exchangeable calcium</i>	centimoles of positive charge per kilogram of soil	14	14	1.80	5.74	13.00
<i>Exchangeable magnesium</i>	centimoles of positive charge per kilogram of soil	14	14	1.60	3.46	6.80
<i>Exchangeable potassium</i>	centimoles of positive charge per kilogram of soil	14	14	0.20	1.02	2.80
<i>Exchangeable sodium</i>	centimoles of positive charge per kilogram of soil	14	14	0.43	1.58	2.70
<i>Exchangeable sodium percentage</i>	percent	14	14	2.00	13.93	24.00
<i>Nitrate</i>	milligrams per kilogram	14	14	0.60	2.66	6.66
<i>pH</i>	pH	14	14	4.4	5.2	5.8
<i>Phosphorus (total)</i>	milligrams per kilogram	14	14	310	808	1820
<i>Total Kjeldahl Nitrogen</i>	milligrams per kilogram	14	14	600	1934	4100

Note the sampling and testing requirement no longer applies unless the site recommences land irrigation of treated effluent.

Conditions P1.3 and P1.4 from a license variation in Oct 2020.