

Environment Monitoring Results



Environment Protection Licence No.	11604
Link to Licence on EPA Website	https://app.epa.nsw.gov.au/prpoeoapp/Details.aspx?instid=11604&id=11604&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Licencees Name	BFB Pty Ltd
Licencees Address	95 Twynam St TEMORA NSW 2666
Substance Monitored	Soil
Monitoring Frequency	Yearly
Reporting Period	18/1/2020 - 17/1/2021
Published Date	18/03/2021

Sampling Date		15/01/2021				15/01/2021				15/01/2021				
Monitoring Point		H2 North				M4 West				W2 East				
Pollutants	Units	0-10	10-20	20-75cm	Average	0-10	10-20	20-75cm	Average	0-10	10-20	20-75cm	Average	Sample Mean
Chloride	mg/kg	49.00	13.00	10.00	15.60	59.00	10.00	10.00	16.53	82.00	10.00	22.00	28.40	20.18
Elect Conductivity	uS/cm	2600.00	500.00	300.00	633.33	1700.00	1400.00	900.00	1073.33	2700.00	400.00	700.00	926.67	877.78
Nitrate	mg/kg	99.00	11.00	8.60	20.97	31.00	1.10	2.90	6.41	71.00	3.00	2.10	11.41	12.93
pH	1:5 water	5.30	6.20	5.90	5.86	7.30	8.90	8.60	8.47	6.60	7.80	7.50	7.42	7.25
Total Nitrogen	mg/kg	1000.00	700.00	500.00	593.33	1200.00	900.00	600.00	720.00	1000.00	800.00	600.00	680.00	664.44
Total Organic Carbon	mg/kg	24000.00	7000.00	6000.00	8533.33	23000.00	2000.00	2000.00	4800.00	15000.00	3000.00	2000.00	3866.67	5733.33
Total Phosphorus	mg/kg	210.00	120.00	80.00	102.67	300.00	140.00	100.00	132.00	270.00	100.00	80.00	108.00	114.22
Exchangeable Calcium (Amm-acet)	meq/100g	4.80	1.50	1.50	1.94	14.00	7.50	4.80	6.39	7.80	3.90	4.40	4.79	4.37
Exchangeable Magnesium (Amm-acet.)	meq/100g	1.30	2.00	1.90	1.83	3.50	12.00	9.60	9.11	1.60	5.00	5.80	5.13	5.36
Exchangeable Sodium (Amm-acet.)	meq/100g	0.13	0.47	0.40	0.37	0.20	2.70	2.60	2.29	0.16	1.10	1.60	1.34	1.34
Exchangeable Potassium (Amm-acet.)	meq/100g	0.86	0.49	0.47	0.52	1.87	0.85	0.67	0.85	0.94	0.32	0.35	0.42	0.60
Cation Exchange Capacity	meq/100g	7.20	4.80	4.80	5.12	19.20	23.30	17.70	18.65	10.50	10.30	12.20	11.72	11.83
Available Phosphorus (Colwell)	mg/kg	51.00	17.00	18.00	22.27	260.00	5.00	5.00	39.00	170.00	9.00	5.00	27.53	29.60
ESP - Exchangeable Sodium %	%	1.70	10.00	8.20	7.57	1.00	12.00	15.00	12.73	1.50	11.00	13.00	11.20	10.50
PSC - Phosphorous Sorption Capacity	Buffer Index (PBI)	69.00	85.00	88.00	85.07	110.00	120.00	68.00	80.53	73.00	70.00	72.00	71.87	79.16