



SOIL ANALYSIS RESULTS 2022

EPA ID	Sample Depth (cm)	Adjust. CEC (meq/100g)	Cations % a CEC					Ca:Mg	pH (1:5 w)	EC (1:5 w) dS/m	Avail. Phos	Total Phos. (mg/kg)	Phos. Sorp. Index (mg/kg)	Organic Matter %	Nitrate N (ppm)	Total N (%)
			Ca	Mg	K	Na	H									
L1	0-10	8.30	53.80	8.60	8.90	0.50	28.00	6.20	6.13	35.80	55.80	649.00	5.52	3.36	6.32	0.13
L2	0-10	7.80	35.50	7.30	8.60	0.50	48.00	4.90	5.34	50.00	77.90	783.00	2.57	3.33	12.70	0.14
L3	0-10	6.80	41.30	9.70	12.00	0.50	37.00	4.30	5.71	61.60	48.30	560.00	3.05	3.30	19.50	0.13
Milner	0-10	4.80	34.40	5.50	9.20	0.20	51.00	6.20	5.29	25.50	37.50	441.00	7.38	2.59	5.91	0.10
Hayshed	0-10	6.80	49.00	13.90	11.60	0.80	25.00	3.60	6.20	41.30	67.10	777.00	5.12	4.07	9.76	0.17
South West	0-10	8.10	67.40	14.00	9.30	0.10	9.00	4.80	6.55	49.70	24.90	417.00	6.55	3.66	11.30	0.14
South East	0-10	8.20	66.20	12.10	8.60	0.20	13.00	5.50	6.46	63.30	24.40	419.00	4.43	3.73	16.90	0.15
North	0-10	7.50	56.30	18.90	9.60	2.10	13.00	3.00	6.45	49.70	25.10	405.00	6.04	3.64	9.22	0.14
Average		7.29	50.49	11.25	9.73	0.61	28.00	4.81	6.02	47.11	45.13	556.38	5.08	3.46	11.45	0.14

Source: SWEP Analytical Laboratory, Keysborough, VIC



EFFLUENT MONITORING RESULT 21-22

Date	pH	Temp °C	EC mS/cm	SS mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	TKN mg/L	TN mg/L	TP mg/L	COD mg/L	BOD mg/L
Dec-21	7.08	23.10	1310.00	1140.00	32.00	32.00	4.10	56.00	155.00	21.00	504.00	21.00
Mar-22	7.50	29.40	1660.00	920.00	27.00	27.00	3.50	36.00	77.00	23.00	320.00	61.00
May-22	7.65	33.10	1500.00	840.00	63.00	63.00	0.00	74.00	117.00	23.00	2100.00	13.00
Jul-22	7.32	12.50	2040.00	1130.00	116.00	168.00	0.00	108.00	219.00	28.70	1700.00	11.00
Average	7.39	24.53	1627.50	1007.50	59.50	72.50	1.90	68.50	142.00	23.93	1156.00	26.50

Source: ALS Sydney

Effluent water are treated and reuse for irrigation onsite.



GROUNDWATER MONITORING RESULT 2022

EPA ID	DATE	pH	EC mS/cm	NOX mg/l	NO3 mg/l	TKN mg/l	TN mg/l	TP mg/l	SWL (m)
5	Jun-22	NA	NA	NA	NA	NA	NA	NA	NA
6	Jun-22	7.58	2330.00	0.01	0.02	23.30	23.30	2.01	2.80
7	Jun-22	7.55	3910.00	0.18	77.50	13.10	90.80	0.03	8.20
8	Jun-22	7.13	2433.50	0.12	17.10	3.10	21.00	0.40	8.40
9	Jun-22	NA	NA	NA	NA	NA	NA	NA	NA
10	Jun-22	7.30	1159.10	0.01	18.10	1.90	20.70	0.15	8.40
Average		7.39	2458.15	0.08	28.18	10.35	38.95	0.65	6.95

Source: ALS Sydney

For EPA ID 5 and 9, both bores were dry.

SWL (Standing Water Level) = measurements from the top of bore's casing to the groundwater level