1.0 Relevant Details Relating to Monitoring Data

Facility Name	Teys Australia Jindalee
Facility Type	Beef Feedlot
The address of the premises to which the EPL relates.	TEYS AUSTRALIA JINDALEE, PORTERS LANE, SPRINGDALE, NSW, 2666. LOT 1 DP 396966, LOT 1 DP 572118, LOT 19 DP 750597, LOT 46 DP 750597, LOT 54 DP 750597, LOT 115 DP 750619.
Contact Phone number of the premises	+61 2 8059 7200
Contact address of the License Holder	Building 3 Freeway Office Park 2728 Logan Road Eight Mile Plains QLD 4113
Contact phone of the License Holder	Ph: +61 7 3198 9000
Contact email of the License Holder	teys-env@teysaust.com.au
The facility environment protection licence (EPL) number	2262
Web link to the EPA's Public Register	Link to NSW EPA Public Register
The location of monitoring point/area which should be completed using a map.	Refer to **Figures** below.

2.0. Frequency of Monitoring

The following table indicates the frequency at which monitoring is required for each point identified in EPL 3584. Special Frequency 1 means the collection of samples once each annual return reporting period where manure solids or effluent has been applied in the previous 12 months.

Table 1. Monitoring frequency required at each monitoring point.

EPA Identification no(s)	Type of Monitoring	Frequency
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Special Frequency 1
4, 5, 6	Groundwater quality monitoring	Every 6 months
4, 5, 6	Groundwater quality monitoring	Every 6 months
4, 5, 6	Groundwater quality monitoring	Every 6 months
4, 5, 6	Groundwater quality monitoring	Every 6 months
4, 5, 6	Groundwater quality monitoring	Every 6 months
4, 5, 6	Groundwater quality monitoring	Every 6 months
8, 9, 10	Effluent quality monitoring	Yearly
8, 9, 10	Effluent quality monitoring	Yearly
8, 9, 10	Effluent quality monitoring	Yearly
8, 9, 10	Effluent quality monitoring	Yearly
8, 9, 10	Effluent quality monitoring	Yearly

3.0. Analytes to be monitored

The following table indicates the analytes to be monitored for each point identified in EPL 3584.

Table 2. Monitoring analytes required at each monitoring point.

EPA Identification no(s)	Type of Monitoring	Pollutant	Unit Abbreviation
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Available phosphorus	mg/kg
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Cation Exchange Capacity	cmol(+)/kg
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Conductivity	dS/m
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Exchangeable calcium	cmol(+)/kg
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Exchangeable magnesium	cmol(+)/kg
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Exchangeable potassium	cmol(+)/kg
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Exchangeable sodium	cmol(+)/kg
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Nitrate	mg/kg
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Nitrogen (total)	mg/kg
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Phosphorus Sorption Capacity	mg/kg
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	Total organic carbon	mg/kg
1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Soil Quality Monitoring	pH	pH
4, 5, 6	Groundwater quality monitoring	Conductivity	µS/cm
4, 5, 6	Groundwater quality monitoring	Nitrate	mg/L
4, 5, 6	Groundwater quality monitoring	Nitrogen (ammonia)	mg/L
4, 5, 6	Groundwater quality monitoring	Orthophosphate	mg/L
4, 5, 6	Groundwater quality monitoring	Standing Water Level	m
4, 5, 6	Groundwater quality monitoring	pH	pH
8, 9, 10	Effluent quality monitoring	Ammonia	mg/L
8, 9, 10	Effluent quality monitoring	Conductivity	µS/cm
8, 9, 10	Effluent quality monitoring	Nitrogen (total)	mg/L
8, 9, 10	Effluent quality monitoring	Phosphorus (total)	mg/L
8, 9, 10	Effluent quality monitoring	pH	pH

4.0 Map of Monitoring Points

Maps showing the location of the monitoring points are included below.

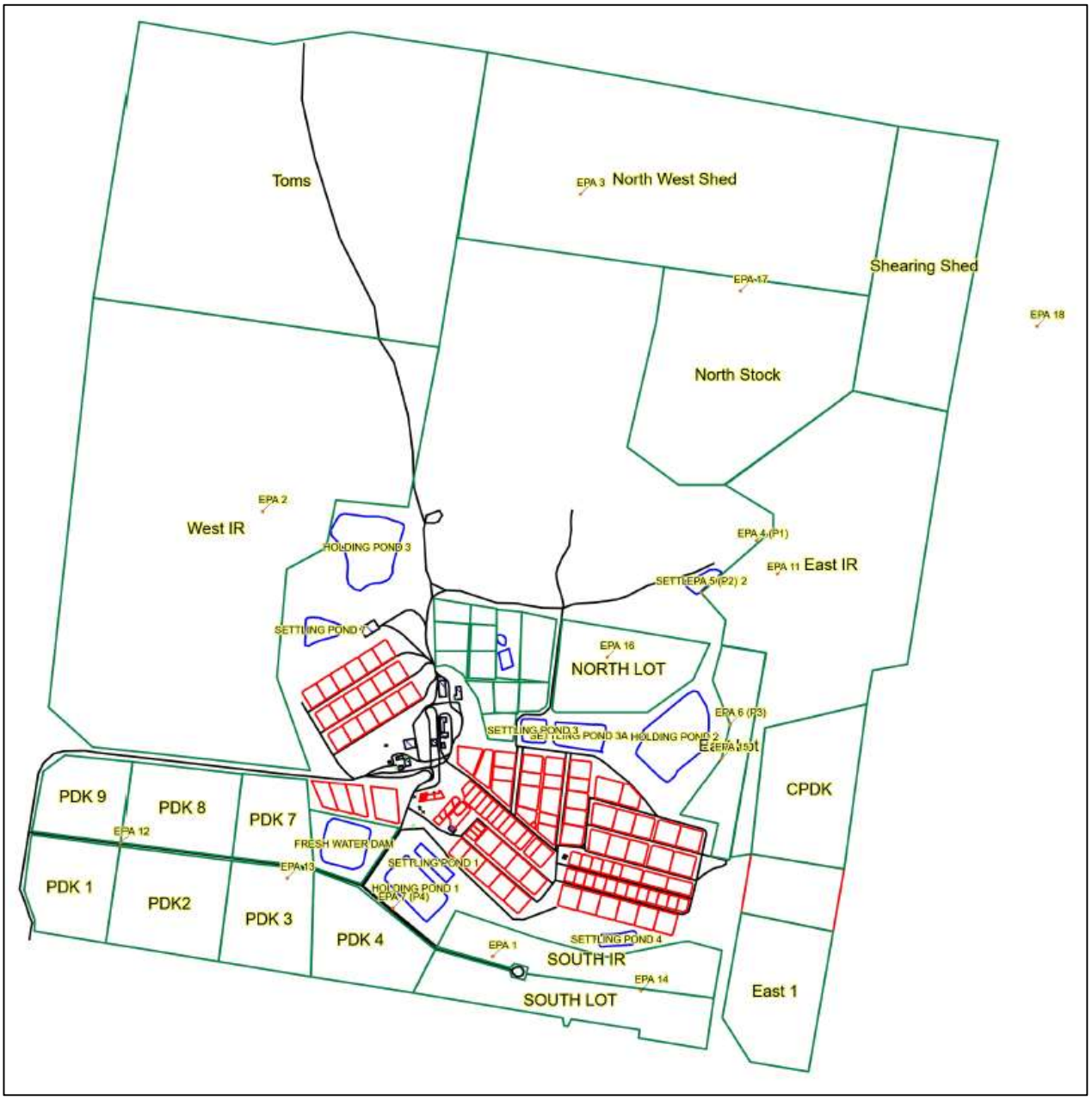

Figure 1. Map of the Jindalee site showing monitoring points identified in the license.

5.0 Notes on Monitoring Data

- Soil sampling data is not collected from paddocks where no effluent or manure is applied during the monitoring period.
- Groundwater bores are monitored 6 monthly. Due to groundwater conditions on site, no data is recorded where groundwater bores do not yield a groundwater sample during sampling.
- There were no non-compliances identified from sampling and testing, with limits contained in EPL.

6.0 Monitoring Data

Table 1: Soil monitoring data. Table shows 4 years of data from 2022 to 2025 inclusive.

Reporting Year	Monitoring Type	EPA Monitoring Point identifier	Jindalee Feedlot Plan Monitoring Point Identifier DOC23/213831.	Sampling Date	Sample Depth From	Sample Depth To	pH (1:5 Water)	pH (1:5 CaCl2)	Electrical Conductivity (1:5 water) dS/m	Elec. Cond. (Sat. Ext.) dS/m	Nitrate Nitrogen mg/kg	Calcium (Amm-acet.) cmol(+)/kg	Potassium (Amm-acet.) cmol(+)/kg	Magnesium (Amm-acet.) cmol(+)/kg	Sodium (Amm-acet.) cmol(+)/kg	Cation Exch. Cap. cmol(+)/kg	Sodium % of Cations (ESP)	Organic Carbon (W&B) %	Total Nitrogen (Combustion) %
2022	Soils	1	South Irrigation	8/03/2022	0	30	7.500	7.000	0.300	1.900	31.000	16.000	1.400	3.400	0.360	21.700	1.700	1.600	0.130
2022	Soils	1	South Irrigation	8/03/2022	30	60	6.200	5.500	0.190	1.200	37.000	16.000	1.400	3.400	0.450	13.000	3.400	1.400	0.230
2022	Soils	1	South Irrigation	8/03/2022	60	90	8.700	8.100	0.310	1.900	27.000	6.600	1.400	4.600	1.200	27.300	4.500	0.300	0.050
2022	Soils	2	West Irrigation	8/03/2022	0	30	7.100	6.200	0.260	1.600	4.400	2.800	3.300	3.500	0.580	10.100	5.700	1.800	0.140
2022	Soils	2	West Irrigation	8/03/2022	30	60	7.000	6.300	0.280	1.700	1.700	1.000	1.400	10.000	1.200	13.700	9.100	0.400	0.050
2022	Soils	2	West Irrigation	8/03/2022	60	90	8.300	7.500	0.240	1.500	0.700	0.400	0.580	11.000	1.400	13.700	10.000	0.200	0.050
2022	Soils	14	South Lot (South East Paddock)	8/03/2022	60	90	5.800	4.900	0.090	0.600	11.000	2.700	0.850	1.300	0.140	4.900	2.800	1.200	0.100
2022	Soils	14	South Lot (South East Paddock)	8/03/2022	60	90	7.200	6.100	0.050	0.300	1.600	4.500	0.550	3.600	0.320	9.000	3.500	0.200	0.050
2022	Soils	14	South Lot (South East Paddock)	8/03/2022	60	90	8.000	6.800	0.060	0.400	1.300	5.200	0.650	5.400	0.680	11.900	5.700	0.200	0.050
2022	Soils	15	East Lot	2/02/2022	60	90	7.200	6.300	0.150	0.900	20.000	5.500	2.600	5.500	0.370	14.000	2.700	1.300	0.120
2022	Soils	15	East Lot	2/02/2022	60	90	8.700	8.100	0.220	1.400	3.000	8.100	1.200	11.000	1.100	21.200	5.100	0.200	0.050
2022	Soils	15	East Lot	2/02/2022	60	90	9.400	8.500	0.270	1.700	1.700	4.800	0.400	12.000	3.000	20.700	14.000	0.200	0.050
2022	Soils	16	North Lot	2/02/2022	60	90	6.800	6.000	0.180	1.100	8.400	2.000	1.800	2.400	0.340	6.500	5.100	1.000	0.110
2022	Soils	16	North Lot	2/02/2022	60	90	7.500	6.600	0.160	1.000	3.800	1.000	1.200	5.100	0.640	8.100	8.000	0.300	0.070
2022	Soils	16	North Lot	2/02/2022	60	90	8.600	7.800	0.200	1.200	9.100	0.300	0.620	8.000	1.300	10.400	12.000	0.200	0.060
2023	Soils	11	Old East Irrigation	17/02/2023	0	30	6.900	5.800	0.090	0.600	14.000	3.700	1.200	6.600	0.510	12.000	4.200	1.200	0.090
2023	Soils	11	Old East Irrigation	17/02/2023	30	60	8.200	6.500	0.120	0.700	3.800	1.300	0.560	13.000	1.900	17.100	11.000	0.300	0.050
2023	Soils	11	Old East Irrigation	17/02/2023	60	90	9.300	8.400	0.280	1.700	1.900	2.100	0.300	18.000	3.400	23.600	14.000	0.200	0.050
2023	Soils	14	South Lot (South East Paddock)	17/02/2023	60	90	6.000	5.000	0.170	1.100	14.000	4.500	1.900	2.200	0.380	9.100	4.100	2.100	0.190
2023	Soils	14	South Lot (South East Paddock)	17/02/2023	60	90	6.200	5.100	0.100	0.600	3.300	6.100	1.100	5.900	0.620	13.800	4.500	1.200	0.100
2023	Soils	14	South Lot (South East Paddock)	17/02/2023	60	90	8.800	8.000	0.320	2.000	2.600	18.000	0.590	13.000	2.200	34.300	6.400	0.300	0.060
2023	Soils	15	East Lot	17/02/2023	0	30	6.800	6.000	0.280	1.700	47.000	5.400	3.300	4.500	0.430	13.700	3.200	1.900	0.120
2023	Soils	15	East Lot	17/02/2023	30	60	8.300	7.000	0.110	0.700	3.800	3.700	1.300	7.700	1.100	13.800	7.700	0.400	0.050
2023	Soils	15	East Lot	17/02/2023	60	90	9.000	7.600	0.150	0.900	3.900	3.600	0.470	11.000	2.700	17.600	16.000	0.200	0.050
2023	Soils	16	North Lot	17/02/2023	0	30	6.700	5.700	0.200	1.200	17.000	4.700	2.700	2.500	0.200	10.200	1.900	2.000	0.220
2023	Soils	16	North Lot	17/02/2023	30	60	6.600	5.500	0.140	0.900	32.000	1.700	1.300	4.300	0.290	7.600	3.800	0.500	0.080
2023	Soils	16	North Lot	17/02/2023	60	90	7.300	6.200	0.120	0.700	6.900	0.800	0.910	8.500	0.540	10.800	5.000	0.200	0.090
2023	Soils	Unknown	Unknown	17/02/2023	0	30	6.800	5.800	0.070	0.400	5.400	8.500	2.400	6.400	0.310	17.700	1.800	2.900	0.160
2023	Soils	Unknown	Unknown	17/02/2023	30	60	8.200	6.800	0.100	0.600	1.400	5.200	1.500	11.000	1.100	19.000	5.600	0.400	0.050
2023	Soils	Unknown	Unknown	17/02/2023	60	90	9.200	8.200	0.200	1.200	1.300	5.100	0.630	14.000	2.700	22.100	12.000	0.200	0.050

Table 1 Continued: Soil monitoring data. Table shows 4 years of data from 2022 to 2025 inclusive.

Reporting Year	Monitoring Type	EPA Monitoring Point identifier	Jindalee Feedlot Plan Monitoring Point Identifier DOC23/213831.	Sampling Date	Sample Depth From	Sample Depth To	pH (1:5 Water)	pH (1:5 CaCl2)	Electrical Conductivity (1:5 water) dS/m	Elec. Cond. (Sat. Ext.) dS/m	Nitrate Nitrogen mg/kg	Calcium (Amm-acet.) cmol(+)/kg	Potassium (Amm-acet.) cmol(+)/kg	Magnesium (Amm-acet.) cmol(+)/kg	Sodium (Amm-acet.) cmol(+)/kg	Cation Exch. Cap. cmol(+)/kg	Sodium % of Cations (ESP)	Organic Carbon (W&B) %	Total Nitrogen (Combustion) %
2024	Soils	2	West Irrigation	04/03/2024	0	30	6.000	5.000	0.160	1.000	21.000	2.500	1.300	3.100	0.250	7.150	3.500	1.290	0.150
2024	Soils	2	West Irrigation	04/03/2024	30	60	6.800	5.500	0.090	0.600	2.900	1.300	0.610	7.600	0.710	10.300	6.900	0.350	0.060
2024	Soils	2	West Irrigation	04/03/2024	60	90	7.100	5.900	0.140	0.900	1.400	0.460	0.400	8.300	1.300	10.500	13.000	0.150	0.068
2024	Soils	3	North West Shed	04/03/2024	0	30	6.700	5.500	0.110	0.700	2.900	3.400	0.530	5.400	0.820	10.100	8.100	1.180	0.140
2024	Soils	3	North West Shed	04/03/2024	0	30	6.200	5.000	0.050	0.300	2.200	3.000	0.390	1.600	0.084	4.980	1.700	1.450	0.150
2024	Soils	3	North West Shed	04/03/2024	30	60	8.200	7.100	0.250	1.600	0.500	1.500	0.370	12.000	2.700	16.700	16.000	0.300	0.060
2024	Soils	4	North West Shed	04/03/2024	30	60	7.600	6.300	0.040	0.200	0.500	0.950	0.180	2.000	0.250	3.380	7.400	0.280	0.076
2024	Soils	5	North West Shed	04/03/2024	60	90	9.300	8.400	0.520	3.200	0.500	1.300	0.280	10.000	3.700	15.500	24.000	0.150	0.057
2024	Soils	5	North West Shed	04/03/2024	60	90	9.400	7.800	0.080	0.500	0.500	0.210	0.160	5.100	1.200	6.680	18.000	0.150	0.061
2024	Soils	11	Old East Irrigation	04/03/2024	0	30	6.900	5.700	0.110	0.700	14.000	5.000	1.100	4.600	0.460	11.200	4.100	1.490	0.180
2024	Soils	11	Old East Irrigation	04/03/2024	30	60	8.100	6.800	0.170	1.100	3.500	1.800	0.930	12.000	1.900	16.600	12.000	0.220	0.056
2024	Soils	11	Old East Irrigation	04/03/2024	60	90	8.900	7.700	0.290	1.800	4.500	1.000	0.390	13.000	3.400	17.900	19.000	0.150	0.050
2024	Soils	12	PDK1, PDK2, PDK8, PDK9	04/03/2024	0	30	6.100	5.200	0.180	1.100	39.000	4.400	1.600	3.300	0.210	9.440	2.200	1.790	0.160
2024	Soils	12	PDK1, PDK2, PDK8, PDK9	04/03/2024	30	60	6.200	4.900	0.110	0.700	6.100	1.100	0.870	6.000	0.860	9.030	9.600	0.330	0.066
2024	Soils	12	PDK1, PDK2, PDK8, PDK9	04/03/2024	60	90	7.800	6.500	0.220	1.400	16.000	0.320	0.830	13.000	3.200	17.500	18.000	0.440	0.070
2024	Soils	14	South Lot (South East Paddock)	04/03/2024	0	30	5.900	4.900	0.150	1.200	23.000	3.000	1.000	1.500	0.290	5.870	4.900	1.670	0.200
2024	Soils	14	South Lot (South East Paddock)	04/03/2024	30	60	6.300	4.900	0.100	0.600	3.100	2.000	0.370	3.200	0.880	6.550	13.000	0.260	0.140
2024	Soils	14	South Lot (South East Paddock)	04/03/2024	60	90	7.900	6.400	0.140	0.900	3.000	2.500	0.430	7.500	2.700	13.200	21.000	0.150	0.084
2024	Soils	15	East Lot	04/03/2024	0	30	6.200	5.200	0.180	1.100	31.000	6.400	2.200	3.200	0.250	12.200	2.000	1.960	0.190
2024	Soils	15	East Lot	04/03/2024	30	60	6.700	5.700	0.140	0.900	19.000	5.000	1.300	7.000	0.460	13.800	3.300	0.460	0.073
2024	Soils	15	East Lot	04/03/2024	60	90	8.100	7.100	0.190	1.200	23.000	4.500	1.000	12.000	1.700	19.500	8.500	0.160	0.063
2024	Soils	16	North Lot	04/03/2024	0	30	6.400	5.500	0.320	2.000	26.000	4.100	2.900	2.600	0.440	10.000	4.400	2.170	0.220
2024	Soils	16	North Lot	04/03/2024	30	60	5.800	4.900	0.280	1.700	10.000	1.800	1.500	3.800	0.550	7.760	7.100	0.350	0.170
2024	Soils	16	North Lot	04/03/2024	60	90	5.700	4.700	0.200	1.200	10.000	0.620	0.810	4.900	0.700	7.250	9.700	0.150	0.120
2024	Soils	17	NORTH STOCK 0 30	04/03/2024	0	30	7.800	7.400	2.610	20.900	270.000	15.000	11.000	7.500	2.100	35.100	5.900	3.540	0.460
2024	Soils	17	NORTH STOCK 30 60	04/03/2024	30	60	7.300	7.000	2.360	18.900	390.000	14.000	8.700	7.000	1.400	31.400	4.500	4.020	0.480
2024	Soils	17	NORTH STOCK 60 90	04/03/2024	60	90	6.600	6.100	0.710	5.700	130.000	8.400	4.300	4.100	0.440	17.200	2.600	1.790	0.210
2024	Soils	19	Toms	04/03/2024	0	30	5.900	4.500	0.060	0.500	1.700	1.400	0.320	1.800	0.280	4.460	6.200	1.990	0.140
2024	Soils	19	Toms	04/03/2024	30	60	6.500	4.800	0.100	0.600	0.500	0.350	0.320	8.500	1.500	10.900	14.000	1.510	0.077
2024	Soils	19	Toms	04/03/2024	60	90	8.500	7.300	0.200	1.200	0.500	0.420	0.240	11.000	2.100	13.800	15.000	0.180	0.050
2024	Soils	21	CPDK	04/03/2024	0	30	7.500	7.000	0.330	2.000	5.100	14.000	0.930	10.000	0.940	26.100	3.600	1.160	0.130
2024	Soils	21	CPDK	04/03/2024	30	60	8.900	8.000	0.310	1.900	2.200	18.000	0.510	14.000	2.300	34.600	6.600	0.320	0.050
2024	Soils	21	CPDK	04/03/2024	60	90	9.400	8.400	0.590	3.700	1.100	17.000	0.510	17.000	5.500	40.500	14.000	0.200	0.050
2024	Soils	22	EAST 1	04/03/2024	0	30	6.200	4.800	0.040	0.200	6.100	2.500	0.620	1.600	0.140	4.830	2.900	0.790	0.100
2024	Soils	22	EAST 1	04/03/2024	30	60	7.300	5.800	0.060	0.400	1.400	4.100	0.740	6.700	1.000	12.500	8.100	0.160	0.050
2024	Soils	22	EAST 1	04/03/2024	60	90	8.500	7.000	0.090	0.600	0.500	4.700	0.890	9.700	1.900	17.200	11.000	0.150	0.050

Table 1 Continued: Soil monitoring data. Table shows 4 years of data from 2022 to 2025 inclusive.

Reporting Year	Monitoring Type	EPA Monitoring Point identifier	Jindalee Feedlot Plan Monitoring Point Identifier DOC23/213831.	Sampling Date	Sample Depth From	Sample Depth To	pH (1:5 Water)	pH (1:5 CaCl2)	Electrical Conductivity (1:5 water) dS/m	Elec. Cond. (Sat. Ext.) dS/m	Nitrate Nitrogen mg/kg	Calcium (Amm-acet.) cmol(+)/kg	Potassium (Amm-acet.) cmol(+)/kg	Magnesium (Amm-acet.) cmol(+)/kg	Sodium (Amm-acet.) cmol(+)/kg	Cation Exch. Cap. cmol(+)/kg	Sodium % of Cations (ESP)	Organic Carbon (W&B) %	Total Nitrogen (Combustion) %
2025	Soils	1	South Irrigation	28/01/2025	0	30	5.500	4.800	0.150	0.900	30.000	4.000	1.300	2.100	0.370	7.970	4.600	2.280	0.170
2025	Soils	1	South Irrigation	28/01/2025	30	60	6.800	5.800	0.140	0.900	8.200	6.100	0.900	9.200	1.100	17.300	6.500	0.950	0.078
2025	Soils	1	South Irrigation	28/01/2025	60	90	8.800	8.100	0.340	2.100	9.500	10.000	0.530	15.000	3.100	28.900	11.000	0.210	0.050
2025	Soils	2	West Irrigation	28/01/2025	0	30	6.900	6.100	0.110	0.700	6.600	2.300	0.500	4.800	0.760	8.350	9.100	1.070	0.086
2025	Soils	2	West Irrigation	28/01/2025	30	60	8.600	7.300	0.150	0.900	0.890	0.730	0.300	8.700	2.300	12.100	19.000	0.280	0.050
2025	Soils	2	West Irrigation	28/01/2025	60	90	8.900	7.700	0.210	1.300	4.400	0.280	0.230	6.500	2.600	9.600	27.000	0.190	0.050
2025	Soils	3	North West Shed	28/01/2025	0	30	6.400	5.300	0.060	0.400	3.000	4.600	0.410	4.300	0.590	9.880	6.000	1.670	0.110
2025	Soils	3	North West Shed	28/01/2025	30	60	7.900	6.700	0.210	1.300	0.500	2.400	0.350	13.000	2.800	18.600	15.000	0.470	0.050
2025	Soils	3	North West Shed	28/01/2025	60	90	8.800	8.100	0.630	3.900	0.500	2.200	0.350	16.000	5.300	23.500	23.000	0.270	0.050
2025	Soils	3	North West Shed	28/01/2025	0	30	6.400	5.200	0.070	0.400	4.300	3.400	0.600	2.900	0.450	7.380	6.100	1.630	0.140
2025	Soils	3	North West Shed	28/01/2025	30	60	8.300	7.000	0.140	0.900	1.300	1.400	0.580	9.100	2.100	13.200	16.000	0.400	0.061
2025	Soils	3	North West Shed	28/01/2025	60	90	9.400	8.400	0.350	2.200	0.760	0.990	0.780	16.000	4.900	22.300	22.000	0.260	0.055
2025	Soils	11	Old East Irrigation	28/01/2025	0	30	6.900	6.100	0.080	0.500	5.500	5.000	1.500	6.300	0.430	13.300	3.300	1.190	0.090
2025	Soils	11	Old East Irrigation	28/01/2025	30	60	8.400	7.400	0.150	0.900	1.400	3.200	1.000	14.000	1.500	19.300	7.900	0.200	0.050
2025	Soils	11	Old East Irrigation	28/01/2025	60	90	9.100	8.100	0.240	1.500	2.400	3.400	0.470	16.000	3.100	23.100	14.000	0.190	0.050
2025	Soils	14	South Lot (South East Paddock)	28/01/2025	0	30	6.200	5.200	0.070	0.400	8.400	2.300	1.000	1.200	0.110	4.680	2.300	1.150	0.110
2025	Soils	14	South Lot (South East Paddock)	28/01/2025	30	60	6.800	5.700	0.050	0.300	3.500	2.500	0.550	2.400	0.360	5.800	6.100	0.260	0.050
2025	Soils	14	South Lot (South East Paddock)	28/01/2025	60	90	8.100	6.700	0.080	0.500	3.000	3.300	0.390	4.900	1.300	9.920	13.000	0.150	0.050
2025	Soils	16	North Lot	28/01/2025	0	30	7.000	6.100	0.230	1.400	6.600	2.800	2.600	2.100	0.440	8.000	5.600	1.230	0.120
2025	Soils	16	North Lot	28/01/2025	30	60	7.200	6.400	0.200	1.200	2.100	1.900	1.700	3.000	0.440	7.090	6.300	0.450	0.070
2025	Soils	16	North Lot	28/01/2025	60	90	7.800	7.100	0.200	1.200	3.800	0.960	0.880	3.500	0.540	5.860	9.300	0.170	0.060
2025	Soils	19	Toms	28/01/2025	0	30	6.600	5.700	0.070	0.400	5.600	2.600	0.510	2.100	0.170	5.370	3.100	1.110	0.110
2025	Soils	19	Toms	28/01/2025	30	60	8.100	7.000	0.100	0.600	0.930	1.000	0.380	5.900	0.870	8.230	11.000	0.250	0.050
2025	Soils	19	Toms	28/01/2025	60	90	9.200	8.100	0.200	1.200	1.500	0.290	0.200	6.900	2.000	9.420	21.000	0.150	0.050
2025	Soils	21	CPDK	28/01/2025	0	30	8.200	7.600	0.310	1.900	1.100	25.000	1.100	13.000	1.300	40.900	3.200	0.750	0.079
2025	Soils	21	CPDK	28/01/2025	30	60	9.200	8.300	0.340	2.100	0.560	24.000	0.490	16.000	3.100	43.700	7.000	0.390	0.050
2025	Soils	21	CPDK	28/01/2025	60	90	9.400	8.500	0.570	3.500	0.500	21.000	0.530	19.000	5.900	46.300	13.000	0.240	0.050
2025	Soils	22	EAST 1	28/01/2025	0	30	6.300	5.000	0.040	0.300	1.900	2.400	0.520	1.400	0.250	4.730	5.400	0.880	0.066
2025	Soils	22	EAST 1	28/01/2025	30	60	8.200	7.000	0.060	0.400	0.500	3.700	0.610	6.200	1.600	12.100	13.000	0.210	0.050
2025	Soils	22	EAST 1	28/01/2025	60	90	9.000	7.700	0.130	0.800	0.730	3.600	0.750	9.100	3.100	16.500	19.000	0.180	0.050

Table 2: Groundwater monitoring data. Table shows 5 years of data from 2021 to 2025 inclusive.

State	Site	Year	Month	Date	Reporting Year	Monitoring Type	EPA Monitoring Point identifier	Jindalee Feedlot Plan Monitoring Point Identifier DOC23/213831.	Standing Water Level	Conductivity (us/cm)	Ammonia as N	Nitrate as N (mg/L)	Nitrogen, total (mg/L)	Ortho-Phosphate as P (mg/L)	pH
NSW	JI	2021	July	30/07/2021	2022	Groundwater	Discharge and Monitoring Point 4	Bore P1	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2021	July	30/07/2021	2022	Groundwater	Discharge and Monitoring Point 5	Bore P2	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2021	July	30/07/2021	2022	Groundwater	Discharge and Monitoring Point 6	Bore P3	4.20	630.00	1.30	0.60	No test data	1.54	7.50
NSW	JI	2021	July	30/07/2021	2022	Groundwater	Discharge and Monitoring Point 7	Bore P4	3.95	601.00	<0.1	7.20	No test data	0.27	7.70
NSW	JI	2022	January	25/01/2022	2022	Groundwater	Discharge and Monitoring Point 4	Bore P1	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2022	July	26/07/2022	2023	Groundwater	Discharge and Monitoring Point 4	Bore P1	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2022	January	25/01/2022	2022	Groundwater	Discharge and Monitoring Point 5	Bore P2	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2022	July	26/07/2022	2023	Groundwater	Discharge and Monitoring Point 5	Bore P2	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2022	January	25/01/2022	2022	Groundwater	Discharge and Monitoring Point 6	Bore P3	4.40	2070.00	<0.1	1.10	No test data	1.88	7.20
NSW	JI	2022	July	26/07/2022	2023	Groundwater	Discharge and Monitoring Point 6	Bore P3	4.20	1490.00	<0.1	35.10	Not Tested	1.24	No test data
NSW	JI	2022	January	25/01/2022	2022	Groundwater	Discharge and Monitoring Point 7	Bore P4	4.65	1650.00	<0.1	5.10	No test data	0.22	7.70
NSW	JI	2022	July	26/07/2022	2023	Groundwater	Discharge and Monitoring Point 7	Bore P4	4.45	1990.00	<0.1	16.20	Not Tested	0.20	No test data
NSW	JI	2023	January	19/01/2023	2023	Groundwater	Discharge and Monitoring Point 4	Bore P1	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2023	January	19/01/2023	2023	Groundwater	Discharge and Monitoring Point 5	Bore P2	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2023	August	22/08/2023	2024	Groundwater	Discharge and Monitoring Point 5	Bore P2	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2023	January	19/01/2023	2023	Groundwater	Discharge and Monitoring Point 6	Bore P3	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2023	August	22/08/2023	2024	Groundwater	Discharge and Monitoring Point 6	Bore P3	3.74	7800.00	0.10	48.50	No test data	0.92	7.30
NSW	JI	2023	January	19/01/2023	2023	Groundwater	Discharge and Monitoring Point 7	Bore P4	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2023	August	22/08/2023	2024	Groundwater	Discharge and Monitoring Point 7	Bore P4	4.55	3090.00	13.00	<0.1	No test data	4.80	No test data
NSW	JI	2024	August	8/08/2024	2025	Groundwater	Discharge and Monitoring Point 4	Bore P1	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2024	January	30/01/2024	2024	Groundwater	Discharge and Monitoring Point 4	Bore P1	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2024	January	22/01/2025	2025	Groundwater	Discharge and Monitoring Point 5	Bore P2	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2024	January	30/01/2024	2024	Groundwater	Discharge and Monitoring Point 5	Bore P2	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2024	August	8/08/2024	2025	Groundwater	Discharge and Monitoring Point 6	Bore P3	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2024	January	30/01/2024	2024	Groundwater	Discharge and Monitoring Point 6	Bore P3	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2025	January	22/01/2025	2025	Groundwater	Discharge and Monitoring Point 4	Bore P1	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2025	August	8/08/2024	2025	Groundwater	Discharge and Monitoring Point 5	Bore P2	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample
NSW	JI	2025	January	22/01/2025	2025	Groundwater	Discharge and Monitoring Point 6	Bore P3	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample	Did not yield sample

Table 3: Effluent Lagoon Monitoring Data. Table shows 5 years of data from 2021 to 2025 inclusive.

Year	Month	Sampling Date	Reporting Year	Monitoring Type	EPA Monitoring Point identifier	Jindalee Feedlot Plan Monitoring Point Identifier DOC23/213831.	Ammonia as N (mg/L)	Conductivity (µS/cm)	Nitrogen, total (mg/L)	pH (unitless)	Phosphorus, Total (mg/L)
2021	January	28/1/2021	2021	Effluent Pond	Monitoring Point 8	Holding Pond 1	4.7	5110	59	8.8	15.1
2021	February	28/1/2021	2021	Effluent Pond	Monitoring Point 9	Holding Pond 2	18	7160	107	8.5	49.5
2021	February	28/1/2021	2021	Effluent Pond	Monitoring Point 10	North Lot Tailwater Dam	Not tested	Not tested	Not tested	Not tested	Not tested
2022	January	25/1/2022	2022	Effluent Pond	Monitoring Point 8	Holding Pond 1	30	3620	99	8.1	29.8
2022	January	25/1/2022	2022	Effluent Pond	Monitoring Point 9	Holding Pond 2	36	5300	117	8.3	51.9
2022	January	25/1/2022	2022	Effluent Pond	Monitoring Point 10	North Lot Tailwater Dam	45	9350	167	9.7	67.6
2022	January	25/1/2022	2022	Effluent Pond	Monitoring Point 8	Holding Pond 1	30.00	3620.00	99.00	8.10	29.80
2022	January	25/1/2022	2022	Effluent Pond	Monitoring Point 9	Holding Pond 2	36.00	5300.00	117.00	8.30	51.90
2022	January	25/1/2022	2022	Effluent Pond	Monitoring Point 10	North Lot Tailwater Dam	45.00	9350.00	167.00	9.70	67.60
2023	January	31/1/2023	2023	Effluent Pond	Monitoring Point 8	Holding Pond 1	21	2790	47	7.4	20.7
2023	January	31/1/2023	2023	Effluent Pond	Monitoring Point 9	Holding Pond 2	37	5000	90	8	38
2023	January	31/1/2023	2023	Effluent Pond	Monitoring Point 10	North Lot Tailwater Dam	Not tested	Not tested	Not tested	Not tested	Not tested
2023	January	31/01/2023	2023	Effluent Pond	Monitoring Point 8	Holding Pond 1	21.00	2970.00	47.00	7.40	20.70
2023	January	31/01/2023	2023	Effluent Pond	Monitoring Point 9	Holding Pond 2	37.00	5000.00	90.00	8.00	38.00
2023	January	31/01/2023	2023	Effluent Pond	Monitoring Point 10	North Lot Tailwater Dam	0.00	0.00	0.00	0.00	0.00
2024	February	20/2/2024	2024	Effluent Pond	Monitoring Point 8	Holding Pond 1	14.00	3370.00	41.00	8.40	14.80
2024	February	20/2/2024	2024	Effluent Pond	Monitoring Point 9	Holding Pond 2	11.00	5360.00	60.00	8.40	27.50
2024	February	20/2/2024	2024	Effluent Pond	Monitoring Point 10	North Lot Tailwater Dam	0.80	14300.00	186.00	9.70	43.70
2025	January	22/1/2025	2025	Effluent Pond	Monitoring Point 8	Holding Pond 1	15.00	4350.00	40.00	14.80	8.60
2025	January	22/1/2025	2025	Effluent Pond	Monitoring Point 9	Holding Pond 2	16.00	7100.00	89.00	51.60	8.40
2025	January	22/1/2025	2025	Effluent Pond	Monitoring Point 10	North Lot Tailwater Dam	2.80	7930.00	155.00	33.30	8.70
2025	January	22/01/2025	2025	Effluent Pond	Monitoring Point 8	Holding Pond 1	15.00	4350.00	40.00	8.60	14.80
2025	January	22/01/2025	2025	Effluent Pond	Monitoring Point 9	Holding Pond 2	16.00	7100.00	89.00	8.40	51.60
2025	January	22/01/2025	2025	Effluent Pond	Monitoring Point 10	North Lot Tailwater Dam	2.80	7930.00	155.00	8.70	33.30

Table 4: Manure and Effluent Application to paddocks for the period from 2022 to 2025 inclusive. Where no data is included no effluent or manure was applied to paddocks in that year. Manure removed during pen cleaning was composted and sold for these periods and effluent was evaporated from holding lagoons or evaporation basins.

Year	Month	Date	Reporting Year	Monitoring Type	EPA Monitoring Point identifier	Jindalee Feedlot Plan Monitoring Point Identifier DOC23/213831.	Daily Volume Effluent Irrigation Max (kL/day)	Daily Volume Effluent Irrigation Min (kL/day)	Daily Volume Effluent Irrigation Average (kL/day)	Number of days effluent applied	Daily Volume Manure Application Max (tonnes)	Daily Volume Manure Application Min (tonnes)	Daily Volume Manure Application Average (kL/day)	Number of days manure applied
2022	March	08/03/2022	2022	Volume or Mass	Discharge and Monitoring Point 1	South Irrigation Paddock	No application	No application	No application	No application	430	50	240	3
2022	March	08/03/2022	2022	Volume or Mass	Discharge and Monitoring Point 2	West Irrigation Paddock	552.96	184.32	367.68	24	No application	No application	No application	No application
2022	March	08/03/2022	2022	Volume or Mass	Discharge and Monitoring Point 14	South East Paddock	No application	No application	No application	No application	919	527	723	2
2022	February	02/02/2022	2022	Volume or Mass	Discharge and Monitoring Point 15	East Lot Paddock	No application	No application	No application	No application	320	293	306.5	2
2022	February	02/02/2022	2022	Volume or Mass	Discharge and Monitoring Point 16	North Lot Paddock	No application	No application	No application	No application	300	300	300	1
2024	February	19/02/2024	2024	Volume or Mass	Discharge and Monitoring Point 11	Old East Irrigation Paddock	No application	No application	No application	No application	312	271	292	2
2024	February	19/02/2024	2024	Volume or Mass	Discharge and Monitoring Point 12	Front Paddock	No application	No application	No application	No application	732	75	211	11
2024	February	19/02/2024	2024	Volume or Mass	Discharge and Monitoring Point 14	South East Paddock	No application	No application	No application	No application	613	613	613	1
2024	February	19/02/2024	2024	Volume or Mass	Discharge and Monitoring Point 15	East Lot Paddock	No application	No application	No application	No application	308	262	285	2
2024	February	19/02/2024	2024	Volume or Mass	Discharge and Monitoring Point 16	North Lot Paddock	No application	No application	No application	No application	523	192	357	2

END