



*Teys Australia Jindalee*  
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**Teys Australia Southern Property Pty Ltd  
(Teys Australia Jindalee)**

*Monitoring Data Summary*

*Environmental Protection Licence 3584*

*Executive Summary*

Teys Australia Jindalee is the holder of Environmental Protection Licence (EPL) 3584. This Licence is administered by the *NSW Environmental Protection Authority (EPA)*, and includes conditions relevant to the site's operation, including environmental monitoring, as is outlined in this report. All environmental monitoring results required under EPL 3584 are submitted to the *EPA* each year in a formal annual return, and interpreted, and submitted in an Annual Environmental Management Review (AEMR).

All monitoring specified under EPL 3584 was completed in the 2023/24 annual reporting period, which covered the period between 25 February 2023 and 24 February 2024. Monitoring has commenced for the 2024/2025 reporting period.

Nil instances of non – compliance with any of the conditions in EPL 3584 occurred during the reporting period.

Further information is available by contacting the Teys Corporate Environmental team on (07) 3298 9192.

A full copy of EPL 3584 can be obtained on the EPA website from the following URL using the search function for licence number “3584”:

<https://apps.epa.nsw.gov.au/prpoeoapp/>

**EPA Monitoring point 1:** Summary of results for soil monitoring in South Irrigation paddock

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |

The monitoring data in the table above is taken from monitoring point 1 in EPL 3584. During this period manure or effluent was applied, therefore testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the South irrigation paddock. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**

**EPA Monitoring Point 2:** Summary of results for soil monitoring in West Irrigation paddock

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |

The monitoring data in the table above is taken from monitoring point 2 in EPL 3584. During this period manure or effluent was applied, therefore testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the West irrigation paddock. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**

**EPA Monitoring Point 3: Summary of results for soil monitoring in North/West Shed paddock**

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |

The monitoring data in the table above is taken from monitoring point 3 in EPL 3584. During this period manure was applied, therefore testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the North/West shed paddock. The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.

**EPA Monitoring Point 11:** Summary of results for soil monitoring in Old East Irrigation paddock

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 5                    | 49                   | 20.6              | 25/03/24              |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 11.2                 | 17.9                 | 15.2              | 25/03/24              |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.11                 | 0.29                 | 0.19              | 25/03/24              |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 1                    | 5                    | 2.6               | 25/03/24              |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 4.6                  | 13                   | 9.9               | 25/03/24              |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.39                 | 1.1                  | 0.81              | 25/03/24              |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.46                 | 3.4                  | 1.77              | 25/03/24              |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 3.5                  | 14                   | 7.3               | 25/03/24              |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 500                  | 1800                 | 953               | 25/03/24              |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 6.9                  | 8.9                  | 8                 | 25/03/24              |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 62                   | 74                   | 68                | 25/03/24              |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 1500                 | 14900                | 6200              | 25/03/24              |

The monitoring data in the table above is taken from monitoring point 11 in EPL 3584. During this period no manure or effluent was applied, therefore no testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the Old East irrigation paddock. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**

**EPA Monitoring Point 12:** Summary of results for soil monitoring in Front paddock

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 5.2                  | 69                   | 26.8              | 25/03/24              |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 9.03                 | 17.5                 | 11.99             | 25/03/24              |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.11                 | 0.22                 | 0.17              | 25/03/24              |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.32                 | 4.4                  | 0.49              | 25/03/24              |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 3.3                  | 13                   | 7.4               | 25/03/24              |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 330                  | 610                  | 426               | 25/03/24              |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.21                 | 3.2                  | 1.42              | 25/03/24              |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 6.1                  | 39                   | 20.4              | 25/03/24              |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 660                  | 1600                 | 987               | 25/03/24              |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 6.1                  | 7.8                  | 6.7               | 25/03/24              |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 52                   | 95                   | 75                | 25/03/24              |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 3300                 | 17900                | 8533              | 25/03/24              |

The monitoring data in the table above is taken from monitoring point 12 in EPL 3584. During this period no manure or effluent was applied, therefore no testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the Front paddock. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**

**EPA Monitoring point 13:** Summary of results for soil monitoring in PBO paddock

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |

The monitoring data in the table above is taken from monitoring point 13 in EPL 3584. During this period no manure or effluent was applied, therefore no testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the PBO paddock. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**

**EPA Monitoring Point 14:** Summary of results for soil monitoring in South East paddock

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 5                    | 65                   | 25.5              | 25/03/24              |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 5.87                 | 13.2                 | 8.54              | 25/03/24              |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.1                  | 0.15                 | 0.13              | 25/03/24              |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 2                    | 3                    | 2.5               | 25/03/24              |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 1.5                  | 7.5                  | 4.1               | 25/03/24              |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 140                  | 400                  | 237               | 25/03/24              |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.29                 | 2.7                  | 1.29              | 25/03/24              |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 3                    | 23                   | 9.7               | 25/03/24              |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 840                  | 2000                 | 1413              | 25/03/24              |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 5.9                  | 7.9                  | 6.7               | 25/03/24              |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 55                   | 82                   | 66                | 25/03/24              |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 1500                 | 16700                | 6933              | 25/03/24              |

The monitoring data in the table above is taken from monitoring point 14 in EPL 3584. During this period manure or effluent was applied, therefore testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the South East paddock. [The monitoring point consists of surface soil \(0-30cm\), sub surface soil \(30-60cm\) and sub soil \(60 – 90cm\) samples.](#)



**EPA monitoring Point 15:** Summary of results for soil monitoring in East Lot paddock

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 9                    | 420                  | 154               | 25/03/24              |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 12.2                 | 19.5                 | 15.2              | 25/03/24              |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.14                 | 0.19                 | 0.17              | 25/03/24              |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.38                 | 2                    | 1.03              | 25/03/24              |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 3.2                  | 12                   | 7.4               | 25/03/24              |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 1                    | 2.2                  | 1.5               | 25/03/24              |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.25                 | 1.7                  | 0.8               | 25/03/24              |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 19                   | 31                   | 24                | 25/03/24              |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 630                  | 1900                 | 1087              | 25/03/24              |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 6.2                  | 8.1                  | 7                 | 25/03/24              |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 78                   | 150                  | 105               | 25/03/24              |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 1600                 | 19600                | 8600              | 25/03/24              |

The monitoring data in the table above is taken from monitoring point 15 in EPL 3584. During this period manure or effluent was applied, therefore testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the East Lot paddock. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**

**EPA Monitoring Point 16:** Summary of results for soil monitoring in North Lot paddock

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 11                   | 350                  | 134               | 25/03/24              |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 7.25                 | 10                   | 8.34              | 25/03/24              |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.2                  | 0.32                 | 0.27              | 25/03/24              |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.62                 | 4.1                  | 2.17              | 25/03/24              |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 2.6                  | 4.9                  | 3.5               | 25/03/24              |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.81                 | 2.9                  | 1.74              | 25/03/24              |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 0.44                 | 0.7                  | 0.56              | 25/03/24              |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 10                   | 26                   | 15                | 25/03/24              |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 1200                 | 2200                 | 1700              | 25/03/24              |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 5.7                  | 6.4                  | 6                 | 25/03/24              |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 28                   | 110                  | 64                | 25/03/24              |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 3                                       | 19/02/24                | 22/03/24                  | 1500                 | 21700                | 8900              | 25/03/24              |

The monitoring data in the table above is taken from monitoring point 16 in EPL 3584. During this period manure or effluent was applied, therefore testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the North Lot paddock. [The monitoring point consists of surface soil \(0-30cm\), sub surface soil \(30-60cm\) and sub soil \(60 – 90cm\) samples.](#)

**EPA Monitoring Point 17:** Summary of results for soil monitoring in North Stock paddock

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |

The monitoring data in the table above is taken from monitoring point 17 in EPL 3584. During this period no manure or effluent was applied, therefore no testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the North Stock paddock. [The monitoring point consists of surface soil \(0-30cm\), sub surface soil \(30-60cm\) and sub soil \(60 – 90cm\) samples.](#)

**EPA Monitoring Point 18:** Summary of results for soil monitoring in Reid's Offsite Irrigation

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |

The monitoring data in the table above is taken from monitoring point 18 in EPL 3584. During this period no manure or effluent was applied, therefore no testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the Reid's Offsite Irrigation. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**

**EPA Monitoring Point 19:** Summary of results for soil monitoring in Tom's

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |

The monitoring data in the table above is taken from monitoring point 18 in EPL 3584. During this period no manure or effluent was applied, therefore no testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the Reid's Offsite Irrigation. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**

**EPA Monitoring Point 20:** Summary of results for soil monitoring in Shearing Shed

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |

The monitoring data in the table above is taken from monitoring point 18 in EPL 3584. During this period no manure or effluent was applied, therefore no testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the Reid's Offsite Irrigation. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**

**EPA Monitoring Point 21:** Summary of results for soil monitoring in CPDK

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |

The monitoring data in the table above is taken from monitoring point 18 in EPL 3584. During this period no manure or effluent was applied, therefore no testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the Reid’s Offsite Irrigation. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**

**EPA Monitoring Point 22:** Summary of results for soil monitoring in East 1

| <i>Pollutant</i>             | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|------------------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Available Phosphorus         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Cation Exchange Capacity     | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Conductivity                 | (dS/m)                  | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Calcium         | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Magnesium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Potassium       | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Exchangeable Sodium          | (cl/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrate                      | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Nitrogen (total)             | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| pH                           | pH                      | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Phosphorus Sorption Capacity | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |
| Total Organic Carbon         | (mg/kg)                 | Annual X 3 Sub Samples                          | 0                                       | NA                      | NA                        | NA                   | NA                   | NA                | NA                    |

The monitoring data in the table above is taken from monitoring point 18 in EPL 3584. During this period no manure or effluent was applied, therefore no testing is required. The monitoring point has been established to monitor the soil on which captured runoff water is applied. The monitoring point is located within in the Reid’s Offsite Irrigation. **The monitoring point consists of surface soil (0-30cm), sub surface soil (30-60cm) and sub soil (60 – 90cm) samples.**



**EPA Monitoring point 4:** Summary of results for groundwater bore P1 (*bore was dry at time of sample collection therefore no sample was obtained*).

| <b>Pollutant</b>     | <b>Units of measure</b> | <b>Monitoring frequency required by licence</b> | <b>No of times measured during year</b> | <b>Date of Sampling</b> | <b>Date data obtained</b> | <b>Minimum Value</b> | <b>Maximum Value</b> | <b>Mean Value</b> | <b>Date Published</b> |
|----------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Nitrogen (Ammonia)   | (mg/L)                  | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |
| Conductivity         | (µS/cm)                 | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |
| Nitrate              | (mg/L)                  | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |
| pH                   | pH                      | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |
| Orthophosphate       | (mg/L)                  | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |
| Standing Water level | (m)                     | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |

**EPA Monitoring point 5:** Summary of results for groundwater bore P2 (*bore was dry at time of sample collection therefore no sample was obtained*).

| <b>Pollutant</b>     | <b>Units of measure</b> | <b>Monitoring frequency required by licence</b> | <b>No of times measured during year</b> | <b>Date of Sampling</b> | <b>Date data obtained</b> | <b>Minimum Value</b> | <b>Maximum Value</b> | <b>Mean Value</b> | <b>Date Published</b> |
|----------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Nitrogen (Ammonia)   | (mg/L)                  | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |
| Conductivity         | (µS/cm)                 | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |
| Nitrate              | (mg/L)                  | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |
| pH                   | pH                      | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |
| Orthophosphate       | (mg/L)                  | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |
| Standing Water level | (m)                     | 6 Monthly                                       | 2                                       | 30/01/24                | NA                        | NA                   | NA                   | NA                | 25/03/24              |

**EPA Monitoring point 6:** Summary of results for groundwater bore P3

| <i>Pollutant</i>     | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>No of times measured during year</i> | <i>Date of Sampling</i> | <i>Date data obtained</i> | <i>Minimum Value</i> | <i>Maximum Value</i> | <i>Mean Value</i> | <i>Date Published</i> |
|----------------------|-------------------------|---|---|-------------------------|---------------------------|----------------------|----------------------|-------------------|-----------------------|
| Nitrogen (Ammonia)   | (mg/L)                  | 6 Monthly                                       | 2                                       | 23.08.2023              | 11.09.2023                | 0.1                  | 0.1                  | 0.1               | 19.09.2023            |
| Conductivity         | (µS/cm)                 | 6 Monthly                                       | 2                                       | 23.08.2023              | 11.09.2023                | 7800                 | 7800                 | 7800              | 19.09.2023            |
| Nitrate              | (mg/L)                  | 6 Monthly                                       | 2                                       | 23.08.2023              | 11.09.2023                | 48.5                 | 48.5                 | 48.5              | 19.09.2023            |
| pH                   | pH                      | 6 Monthly                                       | 2                                       | 23.08.2023              | 11.09.2023                | 7.3                  | 7.3                  | 7.3               | 19.09.2023            |
| Orthophosphate       | (mg/L)                  | 6 Monthly                                       | 2                                       | 23.08.2023              | 11.09.2023                | 0.92                 | 0.92                 | 0.92              | 19.09.2023            |
| Standing Water level | (m)                     | 6 Monthly                                       | 2                                       | 23.08.2023              | 11.09.2023                | 0.374                | 0.374                | 0.374             | 19.09.2023            |

Ground water monitoring for EPA monitoring points 4, 5, 6 and 7 is completed to assess for any impacts to groundwater from irrigation and manure application processes on site. Along with the soil monitoring data, it is used to confirm that there are no cumulative impacts being caused by site processes.

As of November 2023 EPA point 7 has been removed from the license and has therefore been removed from this results document.

Surface water monitoring for EPA monitoring points 8, 9 and 10 is completed to assess the quality of the water used for irrigation on site. Along with the soil monitoring data, it is used to confirm that there are no cumulative impacts being caused by site processes.

***EPA Monitoring point 8:*** Summary of results for Holding Pond 1

| <b><i>Pollutant</i></b> | <b><i>Units of measure</i></b> | <b><i>Monitoring frequency required by licence</i></b> | <b><i>No of times measured during year</i></b> | <b><i>Date of Sampling</i></b> | <b><i>Date data obtained</i></b> | <b><i>Result (units)</i></b> | <b><i>Date Published</i></b> |
|-------------------------|--------------------------------|--|--|--------------------------------|----------------------------------|------------------------------|------------------------------|
| Ammonia                 | (mg/L)                         | Annual   | 1  | 20/02/24                       | 11/03/24                         | 14                           | 25/03/24                     |
| Conductivity            | (µS/cm)                        | Annual   | 1  | 20/02/24                       | 11/03/24                         | 3370                         | 25/03/24                     |
| Nitrogen (total)        | (mg/L)                         | Annual   | 1  | 20/02/24                       | 11/03/24                         | 41                           | 25/03/24                     |
| pH                      | pH                             | Annual   | 1  | 20/02/24                       | 11/03/24                         | 8.4                          | 25/03/24                     |
| Phosphorus (total)      | (mg/L)                         | Annual   | 1  | 20/02/24                       | 11/03/24                         | 14.8                         | 25/03/24                     |

**EPA Monitoring point 9:** Summary of results for Holding Pond 2

| <i><b>Pollutant</b></i> | <i><b>Units of measure</b></i> | <i><b>Monitoring frequency required by licence</b></i> | <i><b>No of times measured during year</b></i> | <i><b>Date of Sampling</b></i> | <i><b>Date data obtained</b></i> | <i><b>Result (units)</b></i> | <i><b>Date Published</b></i> |
|-------------------------|--------------------------------|--|--|--------------------------------|----------------------------------|------------------------------|------------------------------|
| Ammonia                 | (mg/L)                         | Annual   | 1  | 20/02/24                       | 11/03/24                         | 11                           | 25/03/24                     |
| Conductivity            | (µS/cm)                        | Annual   | 1  | 20/02/24                       | 11/03/24                         | 5360                         | 25/03/24                     |
| Nitrogen (total)        | (mg/L)                         | Annual   | 1  | 20/02/24                       | 11/03/24                         | 60                           | 25/03/24                     |
| pH                      | pH                             | Annual   | 1  | 20/02/24                       | 11/03/24                         | 8.4                          | 25/03/24                     |
| Phosphorus (total)      | (mg/L)                         | Annual   | 1  | 20/02/24                       | 11/03/24                         | 27.5                         | 25/03/24                     |

**EPA Monitoring point 10:** Summary of results for Tail water

| <b><i>Pollutant</i></b> | <b><i>Units of measure</i></b> | <b><i>Monitoring frequency required by licence</i></b> | <b><i>No of times measured during year</i></b> | <b><i>Date of Sampling</i></b> | <b><i>Date data obtained</i></b> | <b><i>Result (units)</i></b> | <b><i>Date Published</i></b> |
|-------------------------|--------------------------------|--|--|--------------------------------|----------------------------------|------------------------------|------------------------------|
| Ammonia                 | (mg/L)                         | Annual   | 1  | 20/02/24                       | 11/03/24                         | 0.8                          | 25/03/24                     |
| Conductivity            | ( $\mu$ S/cm)                  | Annual   | 1  | 20/02/24                       | 11/03/24                         | 14300                        | 25/03/24                     |
| Nitrogen (total)        | (mg/L)                         | Annual   | 1  | 20/02/24                       | 11/03/24                         | 186                          | 25/03/24                     |
| pH                      | pH                             | Annual   | 1  | 20/02/24                       | 11/03/24                         | 9.7                          | 25/03/24                     |
| Phosphorus (total)      | (mg/L)                         | Annual   | 1  | 20/02/24                       | 11/03/24                         | 43.7                         | 25/03/24                     |

**EPA Monitoring point 1:** Summary of manure and effluent applied to South Irrigation Paddock

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (maximum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (average Tonnes)        | Annual  | NA                      | NA           |
| Number of days manure applied   | Days                    | Annual  | NA                      | NA           |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

Monitoring of the volumes and number of days of manure and effluent applied to different paddocks on site, is completed to track the volume of nutrients applied to the land to ensure that activities are completed in compliance with the nutrient and water balance prepared for the site. This is the case for all paddocks on site.

**EPA Monitoring Point 2:** Summary of manure and effluent applied to West Irrigation Paddock

| <i><b>Pollutant</b></i>            | <i><b>Units of measure</b></i> | <i><b>Monitoring frequency<br/>required by licence</b></i> | <i><b>Date of<br/>Sampling</b></i> | <i><b>Value</b></i> |
|------------------------------------|--------------------------------|--|------------------------------------|---------------------|
| Manure applied                     | (minimum Tonnes)               | Annual   | NA                                 | NA                  |
| Manure applied                     | (maximum Tonnes)               | Annual   | NA                                 | NA                  |
| Manure applied                     | (average Tonnes)               | Annual   | NA                                 | NA                  |
| Number of days manure<br>applied   | Days                           | Annual   | NA                                 | NA                  |
| Effluent applied                   | (minimum ML)                   | Annual   | NA                                 | NA                  |
| Effluent applied                   | (maximum ML)                   | Annual   | NA                                 | NA                  |
| Effluent applied                   | (average ML)                   | Annual   | NA                                 | NA                  |
| Number of days effluent<br>applied | Days                           | Annual   | NA                                 | NA                  |

**EPA Monitoring point 3:** Summary of manure and effluent applied to North/West Shed Paddock

| <i><b>Pollutant</b></i>            | <i><b>Units of measure</b></i> | <i><b>Monitoring frequency<br/>required by licence</b></i> | <i><b>Date of<br/>Sampling</b></i> | <i><b>Value</b></i> |
|------------------------------------|--------------------------------|--|------------------------------------|---------------------|
| Manure applied                     | (minimum Tonnes)               | Annual   | NA                                 | NA                  |
| Manure applied                     | (maximum Tonnes)               | Annual   | NA                                 | NA                  |
| Manure applied                     | (average Tonnes)               | Annual   | NA                                 | NA                  |
| Number of days manure<br>applied   | Days                           | Annual   | NA                                 | NA                  |
| Effluent applied                   | (minimum ML)                   | Annual   | NA                                 | NA                  |
| Effluent applied                   | (maximum ML)                   | Annual   | NA                                 | NA                  |
| Effluent applied                   | (average ML)                   | Annual   | NA                                 | NA                  |
| Number of days effluent<br>applied | Days                           | Annual   | NA                                 | NA                  |



**EPA Monitoring point 11:** Summary of manure and effluent applied to Old East Irrigation Paddock

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | 19/02/24                | 271          |
| Manure applied                  | (maximum Tonnes)        | Annual  | 19/02/24                | 312          |
| Manure applied                  | (average Tonnes)        | Annual  | 19/02/24                | 292          |
| Number of days manure applied   | Days                    | Annual  | 19/02/24                | 2            |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

**EPA Monitoring point 12:** Summary of manure and effluent applied to Front Paddock

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | 19/02/24                | 75           |
| Manure applied                  | (maximum Tonnes)        | Annual  | 19/02/24                | 732          |
| Manure applied                  | (average Tonnes)        | Annual  | 19/02/24                | 211          |
| Number of days manure applied   | Days                    | Annual  | 19/02/24                | 11           |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

**EPA Monitoring point 13:** Summary of manure and effluent applied to PBO Paddock

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (maximum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (average Tonnes)        | Annual  | NA                      | NA           |
| Number of days manure applied   | Days                    | Annual  | NA                      | NA           |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

**EPA Monitoring point 14:** Summary of manure and effluent applied to South East Paddock

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | 19/02/24                | 613          |
| Manure applied                  | (maximum Tonnes)        | Annual  | 19/02/24                | 613          |
| Manure applied                  | (average Tonnes)        | Annual  | 19/02/24                | 513          |
| Number of days manure applied   | Days                    | Annual  | 19/02/24                | 1            |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

**EPA Monitoring Point 15:** Summary of manure and effluent applied to East Lot Paddock

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | 19/02/24                | 262          |
| Manure applied                  | (maximum Tonnes)        | Annual  | 19/02/24                | 308          |
| Manure applied                  | (average Tonnes)        | Annual  | 19/02/24                | 285          |
| Number of days manure applied   | Days                    | Annual  | 19/02/24                | 2            |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

**EPA Monitoring Point 16:** Summary of manure and effluent applied to North Lot Paddock

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | 19/02/24                | 190          |
| Manure applied                  | (maximum Tonnes)        | Annual  | 19/02/24                | 523          |
| Manure applied                  | (average Tonnes)        | Annual  | 19/02/24                | 357          |
| Number of days manure applied   | Days                    | Annual  | 19/02/24                | 2            |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

**EPA Monitoring point 17:** Summary of manure and effluent applied to North Stock Paddock

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (maximum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (average Tonnes)        | Annual  | NA                      | NA           |
| Number of days manure applied   | Days                    | Annual  | NA                      | NA           |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

**EPA Monitoring point 18:** Summary of manure and effluent applied to Reid's Offsite Irrigation

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (maximum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (average Tonnes)        | Annual  | NA                      | NA           |
| Number of days manure applied   | Days                    | Annual  | NA                      | NA           |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |





**EPA Monitoring point 19:** Summary of manure and effluent applied to Tom's

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (maximum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (average Tonnes)        | Annual  | NA                      | NA           |
| Number of days manure applied   | Days                    | Annual  | NA                      | NA           |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

**EPA Monitoring point 20:** Summary of manure and effluent applied to Shearing Shed

| <i><b>Pollutant</b></i>            | <i><b>Units of measure</b></i> | <i><b>Monitoring frequency<br/>required by licence</b></i> | <i><b>Date of<br/>Sampling</b></i> | <i><b>Value</b></i> |
|------------------------------------|--------------------------------|--|------------------------------------|---------------------|
|                                    |                                |  | NA                                 | NA                  |
| Manure applied                     | (minimum Tonnes)               | Annual   |                                    |                     |
| Manure applied                     | (maximum Tonnes)               | Annual   | NA                                 | NA                  |
| Manure applied                     | (average Tonnes)               | Annual   | NA                                 | NA                  |
| Number of days manure<br>applied   | Days                           | Annual   | NA                                 | NA                  |
| Effluent applied                   | (minimum ML)                   | Annual   | NA                                 | NA                  |
| Effluent applied                   | (maximum ML)                   | Annual   | NA                                 | NA                  |
| Effluent applied                   | (average ML)                   | Annual   | NA                                 | NA                  |
| Number of days effluent<br>applied | Days                           | Annual   | NA                                 | NA                  |

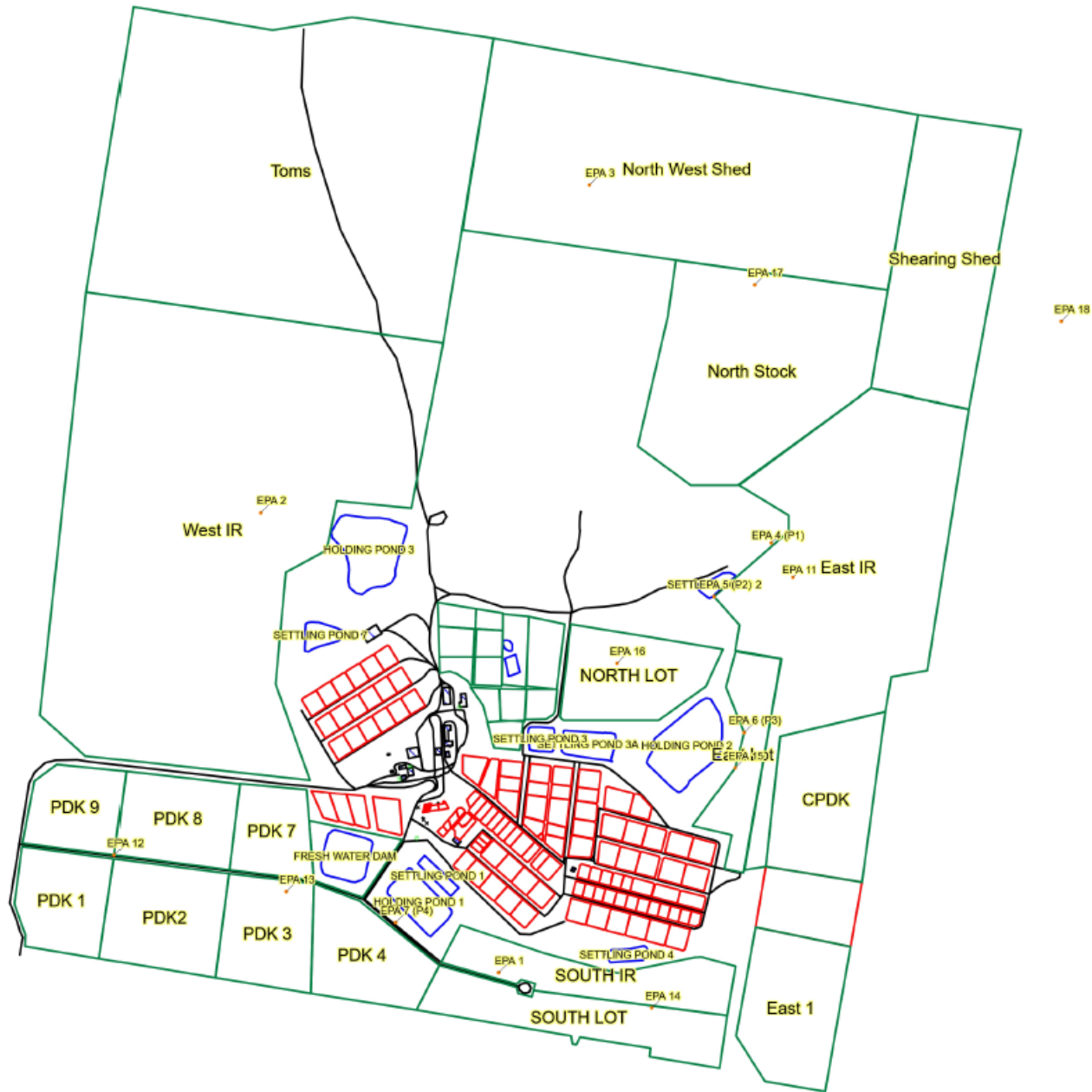
**EPA Monitoring point 21:** Summary of manure and effluent applied to CPDK

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (maximum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (average Tonnes)        | Annual  | NA                      | NA           |
| Number of days manure applied   | Days                    | Annual  | NA                      | NA           |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

**EPA Monitoring point 22:** Summary of manure and effluent applied to East 1

| <i>Pollutant</i>                | <i>Units of measure</i> | <i>Monitoring frequency required by licence</i> | <i>Date of Sampling</i> | <i>Value</i> |
|---------------------------------|-------------------------|---|-------------------------|--------------|
| Manure applied                  | (minimum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (maximum Tonnes)        | Annual  | NA                      | NA           |
| Manure applied                  | (average Tonnes)        | Annual  | NA                      | NA           |
| Number of days manure applied   | Days                    | Annual  | NA                      | NA           |
| Effluent applied                | (minimum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (maximum ML)            | Annual  | NA                      | NA           |
| Effluent applied                | (average ML)            | Annual  | NA                      | NA           |
| Number of days effluent applied | Days                    | Annual  | NA                      | NA           |

Locations of all monitoring points are shown in the *Figure 1* below.



**Correction Log**

This section is included to correct any incorrect data which may have been published in good faith.

*Teys Australia Southern Property Pty Ltd T/A Teys Australia Jindalee*

*EPL number 3584*

*Pollutant:*

**Table 4: Correction log**

| <i>Sample date and time</i> | <i>Original data</i> | <i>Corrected data</i> | <i>Date corrected</i> | <i>Date originally published</i> | <i>Reason</i> |
|-----------------------------|----------------------|-----------------------|-----------------------|----------------------------------|---------------|
|                             |                      |                       |                       |                                  |               |

*Note: No corrections required to date.*

## Modification Log

This section is included to detail any changes to the template due to changes to the licence

*Teys Australia Southern Property Pty Ltd T/A Teys Australia Jindalee  
EPL number 3584*

**Table 5: Modification Log**

| <i>Date of Modification</i> | <i>Modification Made</i>   | <i>Modification Made By</i> | <i>Modification Approved By</i> |
|-----------------------------|--|-----------------------------|---------------------------------|
| 27 November 2012            | Update Monitoring Table to include Point 18 “Reids Offsite Irrigation” for soil monitoring and effluent and manure application   | Wendy Denning               | Charles Hollingworth            |
| 27 November 2012            | Update figure 1 “Plan of Jindalee Feedlot” to include Monitoring Point 18 “Reids Offsite Irrigation”   | Wendy Denning               | Charles Hollingworth            |
| 15 March 2013               | Update Monitoring Tables 1, 2, 3, 11, 12, 13, 14, 15, 16, 17 & 18 to include 2 sub samples as frequency, and include the minimum, maximum and mean value to reflect license 3584 | Wendy Denning               | Shane Bullock                   |
| 15 March 2013               | Update Frequency Monitoring Tables 1, 2, 3, 11, 12, 13, 14, 15, 16, 17 & 18 from ‘annual’ to ‘annual X 2 sub samples’  | Wendy Denning               | Shane Bullock                   |
| 15 March 2013               | Added to the comment below Monitoring Tables 1, 2, 3, 11, 12, 13, 14, 15, 16, 17 & 18 ‘The monitoring point consists of top soil and sub soil.’                                  | Wendy Denning               | Shane Bullock                   |
| 29 June 2016                | Added the comment below Monitoring Tables 1, 2, 3, 11, 12, 13, 14, 15, 16, 17 & 18 ‘During this period no manure or effluent was applied, therefore no testing is required’      | Jayne Newcombe              | Shane Bullock                   |
| 29 June 2016                | Added the comment above Monitoring Tables 4, 5, 6, 7, 8 & 10 ( <i>bore was dry at time of sample collection therefore no sample was obtained</i> ).’                             | Jayne Newcombe              | Shane Bullock                   |
| 29 June 2016                | Added the comment below Monitoring Table 1, page 18 ‘During this period no manure or effluent was applied to any paddock, therefore no testing is required.’                     | Jayne Newcombe              | Shane Bullock                   |
| 29 June 2016                | Amended the comment below Monitoring Table Tables 1, 2, 3, 11, 12, 13, 14, 15, 16, 17 & 18 from ‘has been taken’ to ‘is taken’.  | Jayne Newcombe              | Shane Bullock                   |



|                  |   |                |               |
|------------------|---|----------------|---------------|
| 07 March 2017    | Amended table for EPA points 8, 9 & 10 to reflect one result.   | Jayne Newcombe | Shane Bullock |
| 07 March 2017    | Amended table for EPA points 1, 2, 3, 11, 12, 13, 14, 15, 16, 17 & 18.  | Jayne Newcombe | Shane Bullock |
| 26 February 2018 | Added the comment below Monitoring Table 16, page 10 'During this period no manure or effluent was applied, therefore no testing is required'   | Jayne Newcombe | Shane Bullock |
| 26 February 2018 | Removed the comment below Monitoring Table 17, page 11 'During this period no manure or effluent was applied, therefore no testing is required' | Jayne Newcombe | Shane Bullock |
| 04 February 2019 | Updated comments to reflect where there were no samples collected.  | Jayne Newcombe | Shane Bullock |
| 02 February 2020 | Updated Executive Summary with current Monitoring Period details. Updated EPA website.  | Jayne Newcombe | Shane Bullock |
| 24 March 2020    | Amended the comment below Monitoring Table 3 'During this period manure was applied, therefore testing is required'.                            | Jayne Newcombe | Shane Bullock |
| 24 March 2020    | Amended table formatting for Amendment Log  | Jayne Newcombe | Shane Bullock |
| 05 March 2021    | Updated company logo and dates for monitoring period  | Jayne Morris   | Shane Bullock |
| 30 March 2022    | Updated dates for monitoring period   | Jayne Morris   | Shane Bullock |
| 30 March 2023    | Updated dates for monitoring period   | Wendy Denning  | Shane Bullock |
| 22 March 2024    | Removed EPA point 7 as per change to license  | Wendy Denning  | Shane Bullock |
| 22 March 2024    | Added EPA points 19, 20, 21 and 22 as per update to license   | Wendy Denning  | Shane Bullock |
| 22 March 2024    | Updated map to show EPA points  | Wendy Denning  | Shane Bullock |