



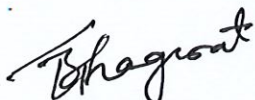
1302 Snowy Mountains Highway, Tumut, NSW 2720 Australia  
Phone +61 2 6947 7900 Facsimile +61 2 6947 5315  
Visy Paper Pty Ltd ACN 005 803 234 ABN 49 984 541 896  
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## Water Monitoring Data Report

14-Jun-25

The attached report contains the water monitoring data for all the licenced water monitoring points as required by the Environment Protection Licence 10232, for July to May 2025 as part of the reporting period July 2024 - June 2025.

Authorised by:

  
\_\_\_\_\_  
Uday Bhagwat  
Pulp Mill Manager

  
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Johan Stoltz  
General Manager



|                          |                                                          |                                 |                        |
|--------------------------|----------------------------------------------------------|---------------------------------|------------------------|
| Latest Publication Date: | 14-Jun-25                                                | Environment Protection Licence: | 10232                  |
| Monitoring Location No:  | 9                                                        | Reporting Period:               | July 2024 to June 2025 |
| Description:             | Outlet pipe from the 400ML storage pond into Sandy Creek |                                 |                        |
| Monitoring Type:         | Grab Sample                                              | Sample Type:                    | Water                  |

| Parameter          | Unit | Concentration Limit | Date of Sample | Date of Report | Data | Compliance (Yes/No) | Comment |
|--------------------|------|---------------------|----------------|----------------|------|---------------------|---------|
| BOD                | mg/L | 40                  |                |                |      |                     | Note    |
| Nitrogen (total)   | mg/L | 20                  |                |                |      |                     | Note    |
| pH                 | pH   | 5.5 - 9.5           |                |                |      |                     | Note    |
| Phosphorus (total) | mg/L | 5                   |                |                |      |                     | Note    |
| TDS                | mg/L | N/A                 |                |                |      |                     | Note    |
| TSS                | mg/L | 45                  |                |                |      |                     | Note    |
| Zinc               | mg/L | N/A                 |                |                |      |                     | Note    |

N/A-Not Applicable  
Note: Sampling only conducted on day of discharge from 400ML Storage Dam into Sandy Creek and monthly thereafter

Latest Publication Date: 14-Jun-25

Monitoring Location No: 10

Description: Decant Line from the Sequencing Batch Reactor

Monitoring Type: Grab Sample

Environment Protection Licence: 10232

Reporting Period: July 2024 to June 2025

Sample Type: Water

| Month  | Parameter               | Units | Concentration Limit | Frequency  | Date of Sample | Date of Report | Report No. | Data   | Compliance (Yes/No) | Comment |
|--------|-------------------------|-------|---------------------|------------|----------------|----------------|------------|--------|---------------------|---------|
| Jul-23 | BOD                     | mg/L  | 40                  | 1st Period | 1-Jul-24       | 26-Jul-24      | 2407-0005  | 12     | Yes                 |         |
|        | Nitrogen (total)        | mg/L  | 20                  | 1st Period | 1-Jul-24       | 26-Jul-24      | 2407-0005  | 5      | Yes                 |         |
|        | Oil and Grease          | mg/L  | 5                   | 1st Period | 1-Jul-24       | 26-Jul-24      | 2407-0005  | 1      | Yes                 |         |
|        | pH                      |       | 5.5 - 9.5           | 1st Period | 1-Jul-24       | 26-Jul-24      | 2407-0005  | 7.0    | Yes                 |         |
|        | Phosphorus (total)      | mg/L  | 5                   | 1st Period | 1-Jul-24       | 26-Jul-24      | 2407-0005  | 0.47   | Yes                 |         |
|        | Sodium Adsorption Ratio | SAR   | N/A                 | 1st Period | 1-Jul-24       | 26-Jul-24      | 2407-0005  | 4      | N/A                 |         |
|        | TDS                     | mg/L  | N/A                 | 1st Period | 1-Jul-24       | 26-Jul-24      | 2407-0005  | 161    | N/A                 |         |
|        | TSS                     | mg/L  | 45                  | 1st Period | 1-Jul-24       | 26-Jul-24      | 2407-0005  | 25     | Yes                 |         |
|        | Zinc                    | mg/L  | N/A                 | 1st Period | 1-Jul-24       | 26-Jul-24      | 2407-0005  | 0.045  | N/A                 |         |
| Sep-24 | BOD                     | mg/L  | 40                  | 2nd Period | 3-Sep-24       | 12-Sep-24      | SE270587   | 10     | Yes                 |         |
|        | Nitrogen (total)        | mg/L  | 20                  | 2nd Period | 3-Sep-24       | 12-Sep-24      | SE270587   | 4      | Yes                 |         |
|        | Oil and Grease          | mg/L  | 5                   | 2nd Period | 3-Sep-24       | 12-Sep-24      | SE270587   | 5      | Yes                 | <5      |
|        | pH                      |       | 5.5 - 9.5           | 2nd Period | 3-Sep-24       | 12-Sep-24      | SE270587   | 6.8    | Yes                 |         |
|        | Phosphorus (total)      | mg/L  | 5                   | 2nd Period | 3-Sep-24       | 12-Sep-24      | SE270587   | 0.70   | Yes                 |         |
|        | Sodium Adsorption Ratio | SAR   | N/A                 | 2nd Period | 3-Sep-24       | 12-Sep-24      | SE270587   | 4      | N/A                 |         |
|        | TDS                     | mg/L  | N/A                 | 2nd Period | 3-Sep-24       | 12-Sep-24      | SE270587   | 180    | N/A                 |         |
|        | TSS                     | mg/L  | 45                  | 2nd Period | 3-Sep-24       | 12-Sep-24      | SE270587   | 31     | Yes                 |         |
|        | Zinc                    | mg/L  | N/A                 | 2nd Period | 3-Sep-24       | 12-Sep-24      | SE270587   | 14.000 | N/A                 |         |
| Nov-24 | BOD                     | mg/L  | 40                  | 3rd Period | 1-Nov-24       | 14-Nov-24      | SE273647   | 6      | Yes                 |         |
|        | Nitrogen (total)        | mg/L  | 20                  | 3rd Period | 1-Nov-24       | 14-Nov-24      | SE273647   | 2.2    | Yes                 |         |
|        | Oil and Grease          | mg/L  | 5                   | 3rd Period | 1-Nov-24       | 14-Nov-24      | SE273647   | 5      | Yes                 | <5      |
|        | pH                      |       | 5.5 - 9.5           | 3rd Period | 1-Nov-24       | 14-Nov-24      | SE273647   | 6.6    | Yes                 |         |
|        | Phosphorus (total)      | mg/L  | 5                   | 3rd Period | 1-Nov-24       | 14-Nov-24      | SE273647   | 0.93   | Yes                 |         |
|        | Sodium Adsorption Ratio | SAR   | N/A                 | 3rd Period | 1-Nov-24       | 14-Nov-24      | SE273647   | 4.4    | N/A                 |         |
|        | TDS                     | mg/L  | N/A                 | 3rd Period | 1-Nov-24       | 14-Nov-24      | SE273647   | 170    | N/A                 |         |
|        | TSS                     | mg/L  | 45                  | 3rd Period | 1-Nov-24       | 14-Nov-24      | SE273647   | 15     | Yes                 |         |
|        | Zinc                    | mg/L  | N/A                 | 3rd Period | 1-Nov-24       | 14-Nov-24      | SE273647   | 0.014  | N/A                 |         |
| Jan-25 | BOD                     | mg/L  | 40                  | 4th Period | 08-Jan-25      | 17-Jan-25      | SE276560   | 5      | Yes                 | <5      |
|        | Nitrogen (total)        | mg/L  | 20                  | 4th Period | 08-Jan-25      | 17-Jan-25      | SE276560   | 5.4    | Yes                 |         |
|        | Oil and Grease          | mg/L  | 5                   | 4th Period | 08-Jan-25      | 17-Jan-25      | SE276560   | 5      | Yes                 | <5      |
|        | pH                      |       | 5.5 - 9.5           | 4th Period | 08-Jan-25      | 17-Jan-25      | SE276560   | 6.9    | Yes                 |         |
|        | Phosphorus (total)      | mg/L  | 5                   | 4th Period | 08-Jan-25      | 17-Jan-25      | SE276560   | 1.6    | Yes                 |         |
|        | Sodium Adsorption Ratio | SAR   | N/A                 | 4th Period | 08-Jan-25      | 17-Jan-25      | SE276560   | 3.3    | N/A                 |         |
|        | TDS                     | mg/L  | N/A                 | 4th Period | 08-Jan-25      | 17-Jan-25      | SE276560   | 190    | N/A                 |         |
|        | TSS                     | mg/L  | 45                  | 4th Period | 08-Jan-25      | 17-Jan-25      | SE276560   | 13     | Yes                 |         |
|        | Zinc                    | mg/L  | N/A                 | 4th Period | 08-Jan-25      | 17-Jan-25      | SE276560   | 0.020  | N/A                 |         |
| Mar-24 | BOD                     | mg/L  | 40                  | 5th Period | 7-Mar-25       | 17-Mar-25      | SE279522   | 5      | Yes                 | <5      |
|        | Nitrogen (total)        | mg/L  | 20                  | 5th Period | 7-Mar-25       | 17-Mar-25      | SE279522   | 6      | Yes                 |         |
|        | Oil and Grease          | mg/L  | 5                   | 5th Period | 7-Mar-25       | 17-Mar-25      | SE279522   | 5      | Yes                 | <5      |
|        | pH                      |       | 5.5 - 9.5           | 5th Period | 7-Mar-25       | 17-Mar-25      | SE279522   | 6.9    | Yes                 |         |
|        | Phosphorus (total)      | mg/L  | 5                   | 5th Period | 7-Mar-25       | 17-Mar-25      | SE279522   | 1.20   | Yes                 |         |
|        | Sodium Adsorption Ratio | SAR   | N/A                 | 5th Period | 7-Mar-25       | 17-Mar-25      | SE279522   | 3      | N/A                 |         |
|        | TDS                     | mg/L  | N/A                 | 5th Period | 7-Mar-25       | 17-Mar-25      | SE279522   | 160    | N/A                 |         |
|        | TSS                     | mg/L  | 45                  | 5th Period | 7-Mar-25       | 17-Mar-25      | SE279522   | 16     | Yes                 |         |
|        | Zinc                    | mg/L  | N/A                 | 5th Period | 7-Mar-25       | 17-Mar-25      | SE279522   | 0.020  | N/A                 |         |
| May-24 | BOD                     | mg/L  | 40                  | 6th Period | 5-May-25       | 13-May-25      | SE282348   | 5      | Yes                 | <5      |
|        | Nitrogen (total)        | mg/L  | 20                  | 6th Period | 5-May-25       | 13-May-25      | SE282348   | 5      | Yes                 |         |
|        | Oil and Grease          | mg/L  | 5                   | 6th Period | 5-May-25       | 13-May-25      | SE282348   | 5      | Yes                 | <5      |
|        | pH                      |       | 5.5 - 9.5           | 6th Period | 5-May-25       | 13-May-25      | SE282348   | 6.9    | Yes                 |         |
|        | Phosphorus (total)      | mg/L  | 5                   | 6th Period | 5-May-25       | 13-May-25      | SE282348   | 0.96   | Yes                 |         |
|        | Sodium Adsorption Ratio | SAR   | N/A                 | 6th Period | 5-May-25       | 13-May-25      | SE282348   | 24     | N/A                 |         |
|        | TDS                     | mg/L  | N/A                 | 6th Period | 5-May-25       | 13-May-25      | SE282348   | 200    | N/A                 |         |
|        | TSS                     | mg/L  | 45                  | 6th Period | 5-May-25       | 13-May-25      | SE282348   | 4      | Yes                 |         |
|        | Zinc                    | mg/L  | N/A                 | 6th Period | 5-May-25       | 13-May-25      | SE282348   | 0.019  | N/A                 |         |





|                          |                                          |                                 |                        |
|--------------------------|------------------------------------------|---------------------------------|------------------------|
| Latest Publication Date: | 14-Jun-25                                |                                 |                        |
| Monitoring Location No:  | 11                                       | Environment Protection Licence: | 10232                  |
| Description:             | Sandy creek, upstream of discharge point | Reporting Period:               | July 2024 to June 2025 |
| Monitoring Type:         | Grab Sample                              | Sample Type:                    | Water                  |

| Month | Parameter          | Unit | Date of Sample | Date of Report | Data | Comments |
|-------|--------------------|------|----------------|----------------|------|----------|
|       | BOD                | mg/L |                |                |      | Note     |
|       | Nitrogen (total)   | mg/L |                |                |      | Note     |
|       | pH                 | pH   |                |                |      | Note     |
|       | Phosphorus (total) | mg/L |                |                |      | Note     |
|       | TDS                | mg/L |                |                |      | Note     |
|       | BOD                | mg/L |                |                |      | Note     |
|       | Nitrogen (total)   | mg/L |                |                |      | Note     |
|       | pH                 | pH   |                |                |      | Note     |
|       | Phosphorus (total) | mg/L |                |                |      | Note     |
|       | TDS                | mg/L |                |                |      | Note     |

N/A-Not Applicable  
Note: Sampling only conducted on day of discharge from 400ML Storage Dam into Sandy Creek and monthly thereafter  
General Note: Limits are not applicable to this monitoring point



|                          |                                            |                                 |                        |
|--------------------------|--------------------------------------------|---------------------------------|------------------------|
| Latest Publication Date: | 14-Jun-25                                  |                                 |                        |
| Monitoring Location No:  | 12                                         | Environment Protection Licence: | 10232                  |
| Description:             | Sandy creek, downstream of discharge point | Reporting Period:               | July 2024 to June 2025 |
| Monitoring Type:         | Grab Sample                                | Sample Type:                    | Water                  |

| Month | Parameter          | Unit | Date of Sample | Date of Report | Data | Comments |
|-------|--------------------|------|----------------|----------------|------|----------|
|       | BOD                | mg/L |                |                |      | Note     |
|       | Nitrogen (total)   | mg/L |                |                |      | Note     |
|       | pH                 | pH   |                |                |      | Note     |
|       | Phosphorus (total) | mg/L |                |                |      | Note     |
|       | TDS                | mg/L |                |                |      | Note     |
|       | BOD                | mg/L |                |                |      | Note     |
|       | Nitrogen (total)   | mg/L |                |                |      | Note     |
|       | pH                 | pH   |                |                |      | Note     |
|       | Phosphorus (total) | mg/L |                |                |      | Note     |
|       | TDS                | mg/L |                |                |      | Note     |

N/A-Not Applicable  
Note: Sampling only conducted on day of discharge from 400ML Storage Dam into Sandy Creek and monthly thereafter  
General Note: Limits are not applicable to this monitoring point



Latest Publication Date: 14-Jun-25

Monitoring Location No: 13

Environment Protection Licence: 10232

Description: Soil Monitoring Sites 1 to 7

Reporting Period: July 2024 to June 2025

Monitoring Type: Representative Sample

Sample Type: Soil

| Sampling point | Parameter                      | Unit       | Date of Sample | Date of Report | Report No. | Data    |
|----------------|--------------------------------|------------|----------------|----------------|------------|---------|
| SMS1           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.00    |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 4300.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 68.00   |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.05    |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.    |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2600.00 |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 240.00  |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 100.00  |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 80.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.90    |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.60    |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2100.00 |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 3.40    |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 6.20    |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 240.00  |
| SMS2           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.00    |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1900.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 19.00   |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.04    |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.    |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1400.00 |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 100.00  |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 110.00  |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 66.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 4.20    |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.52    |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1200.00 |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 1.40    |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 6.70    |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 120.00  |
| SMS3           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.00    |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2400.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 30.00   |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.06    |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.    |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1600.00 |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 170.00  |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 41.00   |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 98.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.70    |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 4.00    |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2300.00 |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.60    |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 6.50    |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 200.00  |
| SMS4           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.00    |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 4200.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 8.00    |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.04    |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.    |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1600.00 |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 170.00  |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 58.00   |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 72.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 4.20    |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 3.10    |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2200.00 |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.30    |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 6.40    |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 160.00  |
| SMS5           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.00    |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2700.00 |



Latest Publication Date: 14-Jun-25

Monitoring Location No: 13

Environment Protection Licence: 10232

Description: Soil Monitoring Sites 1 to 7

Reporting Period: July 2024 to June 2025

Monitoring Type: Representative Sample

Sample Type: Soil

| Sampling point | Parameter                      | Unit       | Date of Sample | Date of Report | Report No. | Data    |
|----------------|--------------------------------|------------|----------------|----------------|------------|---------|
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 46.00   |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.06    |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.    |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2900.00 |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 160.00  |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 73.00   |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 91.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 3.20    |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.20    |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2600.00 |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 3.60    |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.00    |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 210.00  |
| SMS6           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.00    |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 4200.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 100.00  |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.06    |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.    |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2300.00 |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 110.00  |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 120.00  |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 43.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 1.80    |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 4.20    |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2100.00 |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.70    |
| SMS7           | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.30    |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 140.00  |
|                | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.00    |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 3100.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 18.00   |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.01    |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.    |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 780.00  |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 63.00   |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 77.00   |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 9.00    |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 1.00    |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.94    |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1900.00 |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.60    |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.90    |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 230.00  |

General Note: Sampling conducted every 3 years

General Note: Limits are not applicable to this monitoring point



Latest Publication Date: 14-Jun-25

Monitoring Location No: 13

Environment Protection Licence: 10232

Description: Soil Monitoring Sites 1 to 7

Reporting Period: July 2024 to June 2025

Monitoring Type: Representative Sample

Sample Type: Soil

| Sampling point | Parameter                      | Unit       | Date of Sample | Date of Report | Report No. | Data     |
|----------------|--------------------------------|------------|----------------|----------------|------------|----------|
| SMS1           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 3.00     |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 24000.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.00     |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.04     |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.     |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1300.00  |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 540.00   |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 56.00    |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 170.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.40     |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.68     |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 310.00   |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.31     |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.00     |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 400.00   |
| SMS2           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 1.00     |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 6800.00  |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1.00     |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.06     |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.     |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 600.00   |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 480.00   |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 150.00   |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 260.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 15.80    |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.46     |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 180.00   |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.22     |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.90     |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 310.00   |
| SMS3           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.00     |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 16000.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.00     |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.07     |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.     |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1200.00  |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 420.00   |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 41.00    |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 240.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 12.60    |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.82     |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 330.00   |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.43     |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 6.50     |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 490.00   |
| SMS4           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.00     |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 17000.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 4.00     |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.06     |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.     |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1700.00  |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 430.00   |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 67.00    |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 130.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.40     |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.45     |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 540.00   |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.45     |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 6.80     |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 770.00   |
| SMS5           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.00     |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 18000.00 |



Latest Publication Date: 14-Jun-25

Monitoring Location No: 13

Environment Protection Licence: 10232

Description: Soil Monitoring Sites 1 to 7

Reporting Period: July 2024 to June 2025

Monitoring Type: Representative Sample

Sample Type: Soil

| Sampling point | Parameter                      | Unit       | Date of Sample | Date of Report | Report No. | Data     |
|----------------|--------------------------------|------------|----------------|----------------|------------|----------|
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.00     |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.12     |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.     |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1200.00  |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 390.00   |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 63.00    |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 290.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 14.80    |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.77     |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 610.00   |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.57     |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.90     |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 740.00   |
| SMS6           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.00     |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 15000.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 7.00     |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.10     |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.     |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1500.00  |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 360.00   |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 500.00   |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 100.00   |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 4.50     |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.57     |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 370.00   |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.32     |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.60     |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 820.00   |
| SMS7           | Aggregate stability            | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.00     |
|                | Aluminium                      | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 18000.00 |
|                | Available phosphorus           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 3.00     |
|                | Conductivity                   | mS/cm      | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.03     |
|                | Exchangeable aluminium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | N.A.     |
|                | Exchangeable calcium           | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 1200.00  |
|                | Exchangeable magnesium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 460.00   |
|                | Exchangeable potassium         | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 48.00    |
|                | Exchangeable sodium            | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 36.00    |
|                | Exchangeable sodium percentage | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 2.00     |
|                | Nitrate                        | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.26     |
|                | Nitrogen (total)               | ppm        | 03-Oct-24      | 16-Oct-24      | SE272092   | 630.00   |
|                | Organic carbon                 | %          | 03-Oct-24      | 16-Oct-24      | SE272092   | 0.73     |
|                | pH                             | pH         | 03-Oct-24      | 16-Oct-24      | SE272092   | 5.40     |
|                | Phosphorus Sorption Capacity   | As approp. | 03-Oct-24      | 16-Oct-24      | SE272092   | 840.00   |

General Note: Sampling conducted every 3 years

General Note: Limits are not applicable to this monitoring point

Latest Publication Date:14-Jun-25

Monitoring Location No:14

Description:Groundwater Monitoring Bores - Depth

Monitoring Type:Grab Sample

Environment Protection Licence:10232

Reporting Period:July 2024 to June 2025

Sample Type:Depth

| Month  | Date of Sample | Units | Borehole No |      |      |        |      |      |      |      |       |       |       |      |      |       |       |
|--------|----------------|-------|-------------|------|------|--------|------|------|------|------|-------|-------|-------|------|------|-------|-------|
|        |                |       | BH1         | BH2  | BH3  | BH7S   | BH7D | BH8S | BH8D | BH9  | BH10D | BH11S | BH11D | BH13 | BH14 | BH15S | BH15D |
| Jul-24 | 2-Jul-24       | m     | 4.72        | 4.66 | 7.49 | Note 1 | 7.11 | 1.38 | 1.68 | 9.61 | 5.99  | 1.99  | 1.72  | 0.53 | 0.84 | 3.09  | 2.64  |
| Oct-24 | 2-Oct-24       | m     | 3.91        | 3.78 | 6.38 | Note 1 | 6.70 | 0.98 | 1.12 | 7.10 | 6.11  | 1.91  | 1.54  | 0.01 | 0.92 | 1.75  | 2.02  |
| Jan-25 | 6-Jan-25       | m     | 4.10        | 3.83 | 6.02 | Note 1 | 7.14 | 1.82 | 1.93 | 9.11 | 4.93  | 1.79  | 1.73  | 0.61 | 0.72 | 3.11  | 2.87  |
| Apr-25 | 4-Apr-25       | m     | 4.72        | 4.66 | 7.20 | Note 1 | 7.11 | 1.38 | 1.68 | 9.61 | 6.11  | 1.99  | 1.72  | 0.53 | 0.84 | 3.09  | 2.64  |

General Note: Limits are not applicable to this monitoring point

Note 1- Bore empty

Note 2- All readings taken from top of casing



| Latest Publication Date: 14-Jun-25                  |              | Environment Protection Licence: 10232    |         |                |                |            |              |        |      |        |       |      |      |      |       |        |       |       |      |       |       |
|-----------------------------------------------------|--------------|------------------------------------------|---------|----------------|----------------|------------|--------------|--------|------|--------|-------|------|------|------|-------|--------|-------|-------|------|-------|-------|
| Monitoring Location No: 14                          |              | Reporting Period: July 2024 to June 2025 |         |                |                |            |              |        |      |        |       |      |      |      |       |        |       |       |      |       |       |
| Description: Groundwater Monitoring Bores - Quality |              | Sample Type:                             |         |                |                |            |              |        |      |        |       |      |      |      |       |        |       |       |      |       |       |
| Monitoring Type: Grab Sample                        |              |                                          |         |                |                |            |              |        |      |        |       |      |      |      |       |        |       |       |      |       |       |
| Month                                               | Parameter    | Units                                    | Freq    | Date of Sample | Date of Report | Report No. | Sample Value |        |      |        |       |      |      |      |       |        |       |       |      |       |       |
| Jul 24                                              | Conductivity | mS/cm                                    | 1st Qrt | 02-Jul-24      | 10-Jul-24      | 2407-0008  | BH1          | BH2    | BH3  | BH7S   | BH7D  | BH8S | BH8D | BH9  | BH10D | BH11S  | BH11D | BH13  | BH14 | BH15S | BH15D |
|                                                     |              |                                          |         |                |                |            | 320          | 135    | 171  | Note 1 | 452   | 525  | 471  | 633  | 641   | 821    | 769   | 852   | 740  | 365   | 309   |
|                                                     | Nitrate      | ppm                                      | 1st Qrt | 02-Jul-24      | 10-Jul-24      | 2407-0008  | 1.7          | 4.5    | 0.1  | Note 1 | <0.1  | 2.5  | 2.8  | 11   | 12    | <0.1   | 0.1   | <0.1  | 0.6  | 6.6   | 5.9   |
|                                                     | pH           | pH                                       | 1st Qrt | 02-Jul-24      | 10-Jul-24      | 2407-0008  | 5.80         | 5.80   | 6.60 | Note 1 | 6.70  | 7.20 | 6.90 | 7.00 | 7.50  | 6.80   | 6.90  | 7.40  | 6.80 | 7.40  | 6.80  |
| Oct 24                                              | pH           | pH                                       | 2nd Qrt | 02-Oct-24      | 03-Oct-24      | SE272013   | 5.50         | 5.50   | 6.40 | Note 1 | 6.70  | 6.90 | 6.70 | 6.90 | 7.40  | 6.60   | 6.70  | 7.40  | 6.90 | 7.20  | 6.70  |
| Jan 25                                              | Conductivity | mS/cm                                    | 3rd Qrt | 06-Jan-25      | 16-Jan-25      | SE276467   | 330          | 190    | 150  | Note 1 | 460   | 480  | 480  | 600  | 620   | 520    | 430   | 920   | 680  | 360   | 300   |
|                                                     |              |                                          |         |                |                |            | 3.1          | <0.005 | 5.7  | Note 1 | 0.027 | 0.67 | 2.3  | 10   | 12    | <0.005 | 0.76  | 0.061 | 0.41 | 6.5   | 6.1   |
|                                                     | Nitrate      | ppm                                      | 3rd Qrt | 06-Jan-25      | 16-Jan-25      | SE276467   | 5.60         | 6.00   | 6.20 | Note 1 | 6.50  | 6.70 | 6.60 | 6.90 | 7.30  | 6.90   | 6.70  | 7.50  | 7.00 | 7.10  | 6.70  |
|                                                     | pH           | pH                                       | 3rd Qrt | 06-Jan-25      | 16-Jan-25      | SE276467   | 5.70         | 5.50   | 6.40 | Note 1 | 6.70  | 6.90 | 6.70 | 7.30 | 7.50  | 6.70   | 6.70  | 7.30  | 6.80 | 7.20  | 6.60  |
| Apr 25                                              | pH           | pH                                       | 4th Qrt | 04-Apr-25      | 10-Apr-25      | SE280913   | 5.70         | 5.50   | 6.40 | Note 1 | 6.70  | 6.90 | 6.70 | 7.30 | 7.50  | 6.70   | 6.70  | 7.30  | 6.80 | 7.20  | 6.60  |

General Note: Limits are not applicable to this monitoring point  
Note 1- Bore empty