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Water Monitoring Data Report

14-Apr-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 March 2025 as part of the reporting period July 2024 - June 2025.

Authorised by:

Uday Bhagwat
Pulp Mill Manager

ON BEHALF OF
Johan Stoltz
General Manager



Latest Publication Date:	14-Apr-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-Apr-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	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	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	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	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	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	



Latest Publication Date:	14-Apr-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-Apr-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-Apr-25		Environment Protection Licence:		10232	
Monitoring Location No:		13		Reporting Period:		July 2024 to June 2025	
Description:		Soil Monitoring Sites 1 to 7		Sample Type:		Soil	
Monitoring Type:		Representative Sample					
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-Apr-25	Environment Protection Licence:	10232
Monitoring Location No:	13	Reporting Period:	July 2024 to June 2025
Description:	Soil Monitoring Sites 1 to 7	Sample Type:	Soil
Monitoring Type:	Representative Sample		

Sampling point	Parameter	Unit	Date of Sample	Date of Report	Report No.	Data
SMS6	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
	Aggregate stability	As approp.	03-Oct-24	16-Oct-24	SE272092	7.00
	Aluminium	ppm	03-Oct-24	16-Oct-24	SE272092	4200.00
SMS7	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
	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-Apr-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-Apr-25	Environment Protection Licence:	10232
Monitoring Location No:	13	Reporting Period:	July 2024 to June 2025
Description:	Soil Monitoring Sites 1 to 7	Sample Type:	Soil
Monitoring Type:	Representative Sample		

Sampling point	Parameter	Unit	Date of Sample	Date of Report	Report No.	Data
SMS6	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
	Aggregate stability	As approp.	03-Oct-24	16-Oct-24	SE272092	5.00
	Aluminium	ppm	03-Oct-24	16-Oct-24	SE272092	15000.00
SMS7	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
	Aggregate stability	As approp.	03-Oct-24	16-Oct-24	SE272092	5.00
	Aluminium	ppm	03-Oct-24	16-Oct-24	SE272092	18000.00
SMS7	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-Apr-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
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
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
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
Apr-25			m												

General Note: Limits are not applicable to this monitoring point

Note 1- Bore empty

Note 2- All readings taken from top of casing

BH14	0.84
BH15S	3.09
BH15D	2.64
	2.02
	2.87

14-Apr-25		Environment Protection Licence: 10232																			
14		Reporting Period: July 2024 to June 2025																			
Monitoring Location No:		Sample Type:																			
Description: Groundwater Monitoring Bores - Quality																					
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
	Nitrate	ppm	1st Qrt	02-Jul-24	10-Jul-24	2407-0008	320	135	171	Note 1	452	525	471	633	641	821	769	852	740	365	309
	pH	pH	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
Oct 24	pH	pH	1st Qrt	02-Jul-24	10-Jul-24	2407-0008	5.8	5.8	6.6	Note 1	6.7	7.2	6.9	7.0	7.5	6.8	6.9	7.4	6.8	7.4	6.8
	pH	pH	2nd Qrt	02-Oct-24	03-Oct-24	SE272013	5.5	5.5	6.4	Note 1	6.7	6.9	6.7	6.9	7.4	6.6	6.7	7.4	6.9	7.2	6.7
	Conductivity	mS/cm	3rd Qrt	06-Jan-25	16-Jan-25	SE276467	330	190	150	Note 1	460	460	480	600	620	520	430	920	680	360	300
Jan 25	Nitrate	ppm	3rd Qrt	06-Jan-25	16-Jan-25	SE276467	3	<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
	pH	pH	3rd Qrt	06-Jan-25	16-Jan-25	SE276467	5.6	6.0	6.2	Note 1	6.5	6.7	6.6	6.9	7.3	6.9	6.7	7.5	7.0	7.1	6.7
	pH	pH	4th Qrt																		

General Note: Limits are not applicable to this monitoring point

Note 1- Bore empty