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## **Water Monitoring Data Report**

14-Aug-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 2025 as part of the reporting period July 2025 - June 2026.

Authorised by:

Uday Bhagwat  
Pulp Mill Manager

Johan Stoltz  
General Manager



Latest Publication Date:	14-Aug-25	Environment Protection Licence:	10232
Monitoring Location No:	9	Reporting Period:	July 2025 to June 2026
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-Aug-25

Monitoring Location No: 10

Description: Decant Line from the Sequencing Batch Reactor

Monitoring Type: Grab Sample

Environment Protection Licence: 10232

Reporting Period: July 2025 to June 2026

Sample Type: Water

Month	Parameter	Units	Concentration Limit	Frequency	Date of Sample	Date of Report	Report No.	Data	Compliance (Yes/No)	Comment
Jul-25	BOD	mg/L	40	1st Period	2-Jul-25	10-Jul-25	SE285626	5.0	Yes	<5
	Nitrogen (total)	mg/L	20	1st Period	2-Jul-25	10-Jul-25	SE285626	4.2	Yes	
	Oil and Grease	mg/L	5	1st Period	2-Jul-25	10-Jul-25	SE285626	5.0	Yes	<5
	pH	pH	5.5 - 9.5	1st Period	2-Jul-25	10-Jul-25	SE285626	6.9	Yes	
	Phosphorus (total)	mg/L	5	1st Period	2-Jul-25	10-Jul-25	SE285626	1.20	Yes	
	Sodium Adsorption Ratio	SAR	N/A	1st Period	2-Jul-25	10-Jul-25	SE285626	15	N/A	
	TDS	mg/L	N/A	1st Period	2-Jul-25	10-Jul-25	SE285626	260	N/A	
	TSS	mg/L	45	1st Period	2-Jul-25	10-Jul-25	SE285626	4.6	Yes	
	Zinc	mg/L	N/A	1st Period	2-Jul-25	10-Jul-25	SE285626	0.023	N/A	
Sep-25	BOD	mg/L	40	2nd Period						
	Nitrogen (total)	mg/L	20	2nd Period						
	Oil and Grease	mg/L	5	2nd Period						
	pH	pH	5.5 - 9.5	2nd Period						
	Phosphorus (total)	mg/L	5	2nd Period						
	Sodium Adsorption Ratio	SAR	N/A	2nd Period						
	TDS	mg/L	N/A	2nd Period						
	TSS	mg/L	45	2nd Period						
	Zinc	mg/L	N/A	2nd Period						
Nov-25	BOD	mg/L	40	3rd Period						
	Nitrogen (total)	mg/L	20	3rd Period						
	Oil and Grease	mg/L	5	3rd Period						
	pH	pH	5.5 - 9.5	3rd Period						
	Phosphorus (total)	mg/L	5	3rd Period						
	Sodium Adsorption Ratio	SAR	N/A	3rd Period						
	TDS	mg/L	N/A	3rd Period						
	TSS	mg/L	45	3rd Period						
	Zinc	mg/L	N/A	3rd Period						
Jan-26	BOD	mg/L	40	4th Period						
	Nitrogen (total)	mg/L	20	4th Period						
	Oil and Grease	mg/L	5	4th Period						
	pH	pH	5.5 - 9.5	4th Period						
	Phosphorus (total)	mg/L	5	4th Period						
	Sodium Adsorption Ratio	SAR	N/A	4th Period						
	TDS	mg/L	N/A	4th Period						
	TSS	mg/L	45	4th Period						
	Zinc	mg/L	N/A	4th Period						
Mar-26	BOD	mg/L	40	5th Period						
	Nitrogen (total)	mg/L	20	5th Period						
	Oil and Grease	mg/L	5	5th Period						
	pH	pH	5.5 - 9.5	5th Period						
	Phosphorus (total)	mg/L	5	5th Period						
	Sodium Adsorption Ratio	SAR	N/A	5th Period						
	TDS	mg/L	N/A	5th Period						
	TSS	mg/L	45	5th Period						
	Zinc	mg/L	N/A	5th Period						
May-26	BOD	mg/L	40	6th Period						
	Nitrogen (total)	mg/L	20	6th Period						
	Oil and Grease	mg/L	5	6th Period						
	pH	pH	5.5 - 9.5	6th Period						
	Phosphorus (total)	mg/L	5	6th Period						
	Sodium Adsorption Ratio	SAR	N/A	6th Period						
	TDS	mg/L	N/A	6th Period						
	TSS	mg/L	45	6th Period						
	Zinc	mg/L	N/A	6th Period						





Latest Publication Date:	14-Aug-25		
Monitoring Location No:	11	Environment Protection Licence:	10232
Description:	Sandy creek, upstream of discharge point	Reporting Period:	July 2025 to June 2026
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-Aug-25		
Monitoring Location No:	12	Environment Protection Licence:	10232
Description:	Sandy creek, downstream of discharge point	Reporting Period:	July 2025 to June 2026
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

<b>Latest Publication Date:</b>	14-Aug-25	<b>Environment Protection Licence:</b>	10232
<b>Monitoring Location No:</b>	13	<b>Reporting Period:</b>	July 2025 to June 2026
<b>Description:</b>	Soil Monitoring Sites 1 to 7	<b>Sample Type:</b>	Soil
<b>Monitoring Type:</b>	Representative Sample		

Sampling point	Parameter	Unit	Date of Sample	Date of Report	Report No.	Data
SMS1	Aggregate stability	As approp.				
	Aluminium	ppm				
	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
SMS2	Aggregate stability	As approp.				
	Aluminium	ppm				
	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
SMS3	Aggregate stability	As approp.				
	Aluminium	ppm				
	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
SMS4	Aggregate stability	As approp.				
	Aluminium	ppm				
	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
SMS5	Aggregate stability	As approp.				
	Aluminium	ppm				



**Latest Publication Date:** 14-Aug-25  
**Monitoring Location No:** 13  
**Description:** Soil Monitoring Sites 1 to 7  
**Monitoring Type:** Representative Sample

**Environment Protection Licence:** 10232  
**Reporting Period:** July 2025 to June 2026  
**Sample Type:** Soil

Sampling point	Parameter	Unit	Date of Sample	Date of Report	Report No.	Data
SMS6	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
	Aggregate stability	As approp.				
	Aluminium	ppm				
SMS7	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
	Aggregate stability	As approp.				
	Aluminium	ppm				
	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				

General Note: Sampling conducted every 3 years

General Note: Limits are not applicable to this monitoring point

<b>Latest Publication Date:</b>	14-Aug-25	<b>Environment Protection Licence:</b>	10232
<b>Monitoring Location No:</b>	13	<b>Reporting Period:</b>	July 2025 to June 2026
<b>Description:</b>	Soil Monitoring Sites 1 to 7	<b>Sample Type:</b>	Soil
<b>Monitoring Type:</b>	Representative Sample		

Sampling point	Parameter	Unit	Date of Sample	Date of Report	Report No.	Data
SMS1	Aggregate stability	As approp.				
	Aluminium	ppm				
	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
SMS2	Aggregate stability	As approp.				
	Aluminium	ppm				
	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
SMS3	Aggregate stability	As approp.				
	Aluminium	ppm				
	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
SMS4	Aggregate stability	As approp.				
	Aluminium	ppm				
	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
SMS5	Aggregate stability	As approp.				
	Aluminium	ppm				



<b>Latest Publication Date:</b>	14-Aug-25	<b>Environment Protection Licence:</b>	10232
<b>Monitoring Location No:</b>	13	<b>Reporting Period:</b>	July 2025 to June 2026
<b>Description:</b>	Soil Monitoring Sites 1 to 7	<b>Sample Type:</b>	Soil
<b>Monitoring Type:</b>	Representative Sample		

Sampling point	Parameter	Unit	Date of Sample	Date of Report	Report No.	Data
SMS6	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				
	Aggregate stability	As approp.				
SMS7	Aluminium	ppm				
	Available phosphorus	ppm				
	Conductivity	mS/cm				
	Exchangeable aluminium	ppm				
	Exchangeable calcium	ppm				
	Exchangeable magnesium	ppm				
	Exchangeable potassium	ppm				
	Exchangeable sodium	ppm				
	Exchangeable sodium percentage	%				
	Nitrate	ppm				
	Nitrogen (total)	ppm				
	Organic carbon	%				
	pH	pH				
	Phosphorus Sorption Capacity	As approp.				

General Note: Sampling conducted every 3 years

General Note: Limits are not applicable to this monitoring point

Latest Publication Date: 14-Aug-25

Monitoring Location No: 14

Description: Groundwater Monitoring Bores - Depth

Monitoring Type: Grab Sample

Environment Protection Licence: 10232

Reporting Period: July 2025 to June 2026

Sample Type: Depth

Month	Date of Sample	Units	Borehole No											
			BH1	BH2	BH3	BH7S	BH7D	BH8S	BH8D	BH9	BH10D	BH11S	BH11D	BH13
Jul-25	2-Jul-25	m	5.00	4.80	6.90	Note 1	6.85	2.00	2.35	9.35	4.15	2.75	2.60	0.85
Oct-25		m												
Jan-26		m												
Apr-26		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

BH15S

BH15D

2.95

3.35

1.05

0.85

2.60

0.85

2.75

4.15

2.35

9.35

2.00

6.85

Note 1

6.90

4.80

5.00



Latest Publication Date: 14-Aug-25		Environment Protection Licence: 10232																			
Monitoring Location No: 14		Reporting Period: July 2025 to June 2026																			
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 25	Conductivity	mS/cm	1st Qrt	02-Jul-25	10-Jul-25	SE285623	BH1	BH2	BH3	BH7S	BH7D	BH8S	BH8D	BH9	BH10D	BH11S	BH11D	BH13	BH14	BH15S	BH15D
							330	140	180	Note 1	530	560	500	620	340	830	760	910	720	380	320
	Nitrate	ppm	1st Qrt	02-Jul-25	10-Jul-25	SE285623	2.10	5.50	0.04	Note 1	0.02	3.00	3.00	11.00	5.20	0.01	0.02	0.15	0.70	6.90	6.80
Oct 25	pH	pH	1st Qrt	02-Jul-25	10-Jul-25	SE285623	5.90	5.80	6.40	Note 1	6.60	7.00	6.80	6.70	7.10	6.70	6.60	7.30	6.80	7.20	6.60
	pH	pH	2nd Qrt																		
Jan 26	Conductivity	mS/cm	3rd Qrt																		
	Nitrate	ppm	3rd Qrt																		
Apr 26	pH	pH	3rd Qrt																		
	pH	pH	4th Qrt																		

General Note: Limits are not applicable to this monitoring point

Note 1- Bore empty