

Water Monitoring Data Report

18-Jul-25

The attached report contains the water monitoring data for all the licenced water monitoring points as required by the Environment Protection Licence 1272, for August 2025 as part of the reporting period July 2025 - June 2026.

Authorised by:



Matthew O'Donovan
HSE Manager



Johan Stoltz
General Manager

Latest Publication Date: 26-Aug-25

Monitoring Location No: 13

Environment Protection Licence: 1272

Description: 4 Day Pond Outlet - Quality

Reporting Period: July 2025 to June 2026

Monitoring Type: Grab Sample

Sample Type: Water

Month	Parameter	Units	Concentration Limit	Frequency	Date of Sample	Date of Report	Report No.	Data
Jul-25	BOD	mg/L	N/A	1st Period	1-Jul-25	14-Jul-25	25/0599	0
	Nitrogen (total)	mg/L	N/A	1st Period	1-Jul-25	14-Jul-25	25/0599	1.9
	pH	pH	N/A	1st Period	1-Jul-25	14-Jul-25	25/0599	7.4
	Phosphorus (total)	mg/L	N/A	1st Period	1-Jul-25	14-Jul-25	25/0599	0.30
	TDS	mg/L	N/A	1st Period	1-Jul-25	14-Jul-25	25/0599	244
	TSS	mg/L	N/A	1st Period	1-Jul-25	14-Jul-25	25/0599	5
	Zinc	mg/L	N/A	1st Period	1-Jul-25	14-Jul-25	25/0599	0.03
Aug-25	BOD	mg/L	N/A	2nd Period	5-Aug-25	18-Aug-25	25/0703	2
	Nitrogen (total)	mg/L	N/A	2nd Period	5-Aug-25	18-Aug-25	25/0703	2.3
	pH	pH	N/A	2nd Period	5-Aug-25	18-Aug-25	25/0703	8.0
	Phosphorus (total)	mg/L	N/A	2nd Period	5-Aug-25	18-Aug-25	25/0703	0.10
	TDS	mg/L	N/A	2nd Period	5-Aug-25	18-Aug-25	25/0703	236
	TSS	mg/L	N/A	2nd Period	5-Aug-25	18-Aug-25	25/0703	0
	Zinc	mg/L	N/A	2nd Period	5-Aug-25	18-Aug-25	25/0703	0.01
Sep-25	BOD	mg/L	N/A	3rd Period				
	Nitrogen (total)	mg/L	N/A	3rd Period				
	pH	pH	N/A	3rd Period				
	Phosphorus (total)	mg/L	N/A	3rd Period				
	TDS	mg/L	N/A	3rd Period				
	TSS	mg/L	N/A	3rd Period				
	Zinc	mg/L	N/A	3rd Period				
Oct-25	BOD	mg/L	N/A	4th Period				
	Nitrogen (total)	mg/L	N/A	4th Period				
	pH	pH	N/A	4th Period				
	Phosphorus (total)	mg/L	N/A	4th Period				
	TDS	mg/L	N/A	4th Period				
	TSS	mg/L	N/A	4th Period				
	Zinc	mg/L	N/A	4th Period				
Nov-25	BOD	mg/L	N/A	5th Period				
	Nitrogen (total)	mg/L	N/A	5th Period				
	pH	pH	N/A	5th Period				
	Phosphorus (total)	mg/L	N/A	5th Period				
	TDS	mg/L	N/A	5th Period				
	TSS	mg/L	N/A	5th Period				
	Zinc	mg/L	N/A	5th Period				
Dec-25	BOD	mg/L	N/A	6th Period				
	Nitrogen (total)	mg/L	N/A	6th Period				
	pH	pH	N/A	6th Period				
	Phosphorus (total)	mg/L	N/A	6th Period				
	TDS	mg/L	N/A	6th Period				
	TSS	mg/L	N/A	6th Period				
	Zinc	mg/L	N/A	6th Period				
Jan-26	BOD	mg/L	N/A	7th Period				
	Nitrogen (total)	mg/L	N/A	7th Period				
	pH	pH	N/A	7th Period				
	Phosphorus (total)	mg/L	N/A	7th Period				
	TDS	mg/L	N/A	7th Period				
	TSS	mg/L	N/A	7th Period				
	Zinc	mg/L	N/A	7th Period				
Feb-26	BOD	mg/L	N/A	8th Period				
	Nitrogen (total)	mg/L	N/A	8th Period				
	pH	pH	N/A	8th Period				
	Phosphorus (total)	mg/L	N/A	8th Period				
	TDS	mg/L	N/A	8th Period				
	TSS	mg/L	N/A	8th Period				
	Zinc	mg/L	N/A	8th Period				
Mar-26	BOD	mg/L	N/A	9th Period				
	Nitrogen (total)	mg/L	N/A	9th Period				
	pH	pH	N/A	9th Period				
	Phosphorus (total)	mg/L	N/A	9th Period				
	TDS	mg/L	N/A	9th Period				
	TSS	mg/L	N/A	9th Period				
	Zinc	mg/L	N/A	9th Period				
Apr-26	BOD	mg/L	N/A	10th Period				
	Nitrogen (total)	mg/L	N/A	10th Period				
	pH	pH	N/A	10th Period				
	Phosphorus (total)	mg/L	N/A	10th Period				
	TDS	mg/L	N/A	10th Period				
	TSS	mg/L	N/A	10th Period				
	Zinc	mg/L	N/A	10th Period				
May-26	BOD	mg/L	N/A	11th Period				

Jun-26	Nitrogen (total)	mg/L	N/A	11th Period
	pH	pH	N/A	11th Period
	Phosphorus (total)	mg/L	N/A	11th Period
	TDS	mg/L	N/A	11th Period
	TSS	mg/L	N/A	11th Period
	Zinc	mg/L	N/A	11th Period
	BOD	mg/L	N/A	12th Period
	Nitrogen (total)	mg/L	N/A	12th Period
	pH	pH	N/A	12th Period
	Phosphorus (total)	mg/L	N/A	12th Period
	TDS	mg/L	N/A	12th Period
	TSS	mg/L	N/A	12th Period
	Zinc	mg/L	N/A	12th Period

General Note: Limits are not applicable to this monitoring point

ND - No Data

N/A-Not Applicable



Latest Publication Date:	18-Jul-25	Environment Protection Licence:	1272
Monitoring Location No:	14 to 23	Reporting Period:	July 2025 to June 2026
Description:	Groundwater Monitoring Bores - Depth	Sample Type:	Depth
Monitoring Type:	Grab Sample		
Month	Date of Sample	Units	Bore No
Jul-25	01-Jul-24	m	S17
Oct-25			Note 1
Jan-26			
Apr-26			

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: 18-Jul-25		Environment Protection Licence: 1272					
Monitoring Location No: 14 to 23		Reporting Period: July 2025 to June 2026					
Description: Groundwater Monitoring Bores - Quality		Sample Type: Water					
Monitoring Type: Grab Sample							
Month	Parameter	Units	Freq	Date of Sample	Date of Report	Report No.	Bore No
Jul 25	Conductivity	µS/cm	1st Qrt	01-Jul-25	14-Jul-25	25/0599	Note 1
	pH	pH	1st Qrt	01-Jul-25	14-Jul-25	25/0599	Note 1
	Conductivity	µS/cm	2nd Qrt				
	Nitrate	mg/L	2nd Qrt				
Oct 25	Nitrogen (total)	mg/L	2nd Qrt				
	pH	pH	2nd Qrt				
	Phosphorus (total)	mg/L	2nd Qrt				
	Conductivity	µS/cm	3rd Qrt				
Jan 26	pH	pH	3rd Qrt				
	Conductivity	µS/cm	4th Qrt				
Apr 26	pH	pH	4th Qrt				

General Note: Limits are not applicable to this monitoring point

Note 1- Bore empty