

Water Monitoring Data Report

13-Jun-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 June 2025 as part of the reporting period July 2024 - June 2025.

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Latest Publication Date: 13-Jun-25

Monitoring Location No: 13

Environment Protection Licence: 1272

Description: 4 Day Pond Outlet - Quality

Reporting Period: July 2024 to June 2025

Monitoring Type: Grab Sample

Sample Type: Water

Month	Parameter	Units	Concentration Limit	Frequency	Date of Sample	Date of Report	Report No.	Data
Jul-24	BOD	mg/L	N/A	1st Period	15-Jul-24	29-Jul-24	24/0677	4
	Nitrogen (total)	mg/L	N/A	1st Period	15-Jul-24	29-Jul-24	24/0677	1.1
	pH	pH	N/A	1st Period	15-Jul-24	29-Jul-24	24/0677	9.3
	Phosphorus (total)	mg/L	N/A	1st Period	15-Jul-24	29-Jul-24	24/0677	0.09
	TDS	mg/L	N/A	1st Period	15-Jul-24	29-Jul-24	24/0677	134
	TSS	mg/L	N/A	1st Period	15-Jul-24	29-Jul-24	24/0677	6
	Zinc	mg/L	N/A	1st Period	15-Jul-24	29-Jul-24	24/0677	0.01
Aug-24	BOD	mg/L	N/A	2nd Period	6-Aug-24	19-Aug-24	24/0798	2
	Nitrogen (total)	mg/L	N/A	2nd Period	6-Aug-24	19-Aug-24	24/0798	0.9
	pH	pH	N/A	2nd Period	6-Aug-24	19-Aug-24	24/0798	9.4
	Phosphorus (total)	mg/L	N/A	2nd Period	6-Aug-24	19-Aug-24	24/0798	0.20
	TDS	mg/L	N/A	2nd Period	6-Aug-24	19-Aug-24	24/0798	141
	TSS	mg/L	N/A	2nd Period	6-Aug-24	19-Aug-24	24/0798	10
	Zinc	mg/L	N/A	2nd Period	6-Aug-24	19-Aug-24	24/0798	0.06
Sep-24	BOD	mg/L	N/A	3rd Period	3-Sep-24	12-Sep-24	24/0895	4
	Nitrogen (total)	mg/L	N/A	3rd Period	3-Sep-24	12-Sep-24	24/0895	1.0
	pH	pH	N/A	3rd Period	3-Sep-24	12-Sep-24	24/0895	7.6
	Phosphorus (total)	mg/L	N/A	3rd Period	3-Sep-24	12-Sep-24	24/0895	0.06
	TDS	mg/L	N/A	3rd Period	3-Sep-24	12-Sep-24	24/0895	165
	TSS	mg/L	N/A	3rd Period	3-Sep-24	12-Sep-24	24/0895	8
	Zinc	mg/L	N/A	3rd Period	3-Sep-24	12-Sep-24	24/0895	0.02
Oct-24	BOD	mg/L	N/A	4th Period	1-Oct-24	10-Oct-24	24/1000	3
	Nitrogen (total)	mg/L	N/A	4th Period	1-Oct-24	10-Oct-24	24/1000	1.5
	pH	pH	N/A	4th Period	1-Oct-24	10-Oct-24	24/1000	7.8
	Phosphorus (total)	mg/L	N/A	4th Period	1-Oct-24	10-Oct-24	24/1000	0.10
	TDS	mg/L	N/A	4th Period	1-Oct-24	10-Oct-24	24/1000	199
	TSS	mg/L	N/A	4th Period	1-Oct-24	10-Oct-24	24/1000	10
	Zinc	mg/L	N/A	4th Period	1-Oct-24	10-Oct-24	24/1000	0.04
Nov-24	BOD	mg/L	N/A	5th Period	5-Nov-24	14-Nov-24	24/1126	0
	Nitrogen (total)	mg/L	N/A	5th Period	5-Nov-24	14-Nov-24	24/1126	3.8
	pH	pH	N/A	5th Period	5-Nov-24	14-Nov-24	24/1126	7.5
	Phosphorus (total)	mg/L	N/A	5th Period	5-Nov-24	14-Nov-24	24/1126	0.30
	TDS	mg/L	N/A	5th Period	5-Nov-24	14-Nov-24	24/1126	229
	TSS	mg/L	N/A	5th Period	5-Nov-24	14-Nov-24	24/1126	4
	Zinc	mg/L	N/A	5th Period	5-Nov-24	14-Nov-24	24/1126	0.01
Dec-24	BOD	mg/L	N/A	6th Period	3-Dec-24	12-Dec-24	24/1226	3
	Nitrogen (total)	mg/L	N/A	6th Period	3-Dec-24	12-Dec-24	24/1226	3.4
	pH	pH	N/A	6th Period	3-Dec-24	12-Dec-24	24/1226	7.4
	Phosphorus (total)	mg/L	N/A	6th Period	3-Dec-24	12-Dec-24	24/1226	0.30
	TDS	mg/L	N/A	6th Period	3-Dec-24	12-Dec-24	24/1226	199
	TSS	mg/L	N/A	6th Period	3-Dec-24	12-Dec-24	24/1226	6
	Zinc	mg/L	N/A	6th Period	3-Dec-24	12-Dec-24	24/1226	0.03
Jan-25	BOD	mg/L	N/A	7th Period	8-Jan-25	16-Jan-24	25/0032	5
	Nitrogen (total)	mg/L	N/A	7th Period	8-Jan-25	16-Jan-24	25/0032	2.7
	pH	pH	N/A	7th Period	8-Jan-25	16-Jan-24	25/0032	8.1
	Phosphorus (total)	mg/L	N/A	7th Period	8-Jan-25	16-Jan-24	25/0032	0.30
	TDS	mg/L	N/A	7th Period	8-Jan-25	16-Jan-24	25/0032	214
	TSS	mg/L	N/A	7th Period	8-Jan-25	16-Jan-24	25/0032	10
	Zinc	mg/L	N/A	7th Period	8-Jan-25	16-Jan-24	25/0032	0.04
Feb-25	BOD	mg/L	N/A	8th Period	4-Feb-25	13-Feb-25	25/0127	5
	Nitrogen (total)	mg/L	N/A	8th Period	4-Feb-25	13-Feb-25	25/0127	2.3
	pH	pH	N/A	8th Period	4-Feb-25	13-Feb-25	25/0127	7.8
	Phosphorus (total)	mg/L	N/A	8th Period	4-Feb-25	13-Feb-25	25/0127	0.20
	TDS	mg/L	N/A	8th Period	4-Feb-25	13-Feb-25	25/0127	232
	TSS	mg/L	N/A	8th Period	4-Feb-25	13-Feb-25	25/0127	9
	Zinc	mg/L	N/A	8th Period	4-Feb-25	13-Feb-25	25/0127	0.06
Mar-25	BOD	mg/L	N/A	9th Period	3-Mar-25	20-Mar-25	25/0222	9
	Nitrogen (total)	mg/L	N/A	9th Period	3-Mar-25	20-Mar-25	25/0222	3.2
	pH	pH	N/A	9th Period	3-Mar-25	20-Mar-25	25/0222	8.1
	Phosphorus (total)	mg/L	N/A	9th Period	3-Mar-25	20-Mar-25	25/0222	0.30
	TDS	mg/L	N/A	9th Period	3-Mar-25	20-Mar-25	25/0222	250
	TSS	mg/L	N/A	9th Period	3-Mar-25	20-Mar-25	25/0222	20
	Zinc	mg/L	N/A	9th Period	3-Mar-25	20-Mar-25	25/0222	0.02
Apr-25	BOD	mg/L	N/A	10th Period	2-Apr-25	10-Apr-25	25/0325	11
	Nitrogen (total)	mg/L	N/A	10th Period	2-Apr-25	10-Apr-25	25/0325	4.6
	pH	pH	N/A	10th Period	2-Apr-25	10-Apr-25	25/0325	8.3
	Phosphorus (total)	mg/L	N/A	10th Period	2-Apr-25	10-Apr-25	25/0325	0.10
	TDS	mg/L	N/A	10th Period	2-Apr-25	10-Apr-25	25/0325	261
	TSS	mg/L	N/A	10th Period	2-Apr-25	10-Apr-25	25/0325	20
	Zinc	mg/L	N/A	10th Period	2-Apr-25	10-Apr-25	25/0325	0.03
May-25	BOD	mg/L	N/A	11th Period	6-May-25	15-May-25	25/0424	10

Jun-25	Nitrogen (total)	mg/L	N/A	11th Period	6-May-25	15-May-25	25/0424	8.5
	pH	pH	N/A	11th Period	6-May-25	15-May-25	25/0424	8.2
	Phosphorus (total)	mg/L	N/A	11th Period	6-May-25	15-May-25	25/0424	1.20
	TDS	mg/L	N/A	11th Period	6-May-25	15-May-25	25/0424	255
	TSS	mg/L	N/A	11th Period	6-May-25	15-May-25	25/0424	119
	Zinc	mg/L	N/A	11th Period	6-May-25	15-May-25	25/0424	0.02
	BOD	mg/L	N/A	12th Period	3-Jun-25	13-Jun-25	25/0516	5
	Nitrogen (total)	mg/L	N/A	12th Period	3-Jun-25	13-Jun-25	25/0516	1.7
	pH	pH	N/A	12th Period	3-Jun-25	13-Jun-25	25/0516	7.6
	Phosphorus (total)	mg/L	N/A	12th Period	3-Jun-25	13-Jun-25	25/0516	0.10
	TDS	mg/L	N/A	12th Period	3-Jun-25	13-Jun-25	25/0516	265
	TSS	mg/L	N/A	12th Period	3-Jun-25	13-Jun-25	25/0516	10
	Zinc	mg/L	N/A	12th Period	3-Jun-25	13-Jun-25	25/0516	0.04

General Note: Limits are not applicable to this monitoring point

ND - No Data

N/A-Not Applicable

Latest Publication Date:	6-May-25	Environment Protection Licence:	1272
Monitoring Location No:	14 to 23	Reporting Period:	July 2024 to June 2025
Description:	Groundwater Monitoring Bores - Depth	Sample Type:	Depth
Monitoring Type:	Grab Sample		

Month	Date of Sample	Units	Bore No									
			D3	D4	D5	D6	S7	S8	S11	S17	S20	S21
Jul-24	15-Jul-24	m	44.70	45.70	45.00	45.20	Note 1	Note 1	6.70	Note 1	Note 1	Note 1
Oct-24	1-Oct-24	m	44.70	44.70	45.00	42.70	Note 1	Note 1	9.50	Note 1	Note 1	9.50
Jan-25	8-Jan-25	m	45.40	45.80	44.90	45.60	Note 1	Note 1	6.85	Note 1	Note 1	9.60
Apr-25	2-Apr-25	m	45.10	45.50	45.00	45.60	Note 1	Note 1	7.00	Note 1	Note 1	9.65

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: 6-May-25		Environment Protection Licence: 1272														
Monitoring Location No: 14 to 23		Reporting Period: July 2024 to June 2025														
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									
							D3	D4	D5	D6	S7	S8	S11	S17	S20	S21
Jul 24	Conductivity	µS/cm	1st Qrt	15-Jul-24	29-Jul-24	24/0677	976	3574	3445	845	Note 1	Note 1	8101	Note 1	Note 1	Note 1
	Nitrate	mg/L	1st Qrt	15-Jul-24	29-Jul-24	24/0677	0.0	1.0	0.0	0.0	Note 1	Note 1	0.0	Note 1	Note 1	Note 1
	Nitrogen (total)	mg/L	1st Qrt	15-Jul-24	29-Jul-24	24/0677	1.4	3.6	2.8	0.9	Note 1	Note 1	0.5	Note 1	Note 1	Note 1
	pH	pH	1st Qrt	15-Jul-24	29-Jul-24	24/0677	8.1	7.2	6.3	7.2	Note 1	Note 1	6.9	Note 1	Note 1	Note 1
	Phosphorus (total)	mg/L	1st Qrt	15-Jul-24	29-Jul-24	24/0677	0.20	0.03	0.02	0.02	Note 1	Note 1	0.06	Note 1	Note 1	Note 1
Oct 24	Conductivity	µS/cm	2nd Qrt	01-Oct-24	10-Oct-24	24/1000	936	3471	3192	742	Note 1	683	7723	Note 1	Note 1	2594
	Nitrate	mg/L	2nd Qrt	01-Oct-24	10-Oct-24	24/1000						12.0				1.0
	Nitrogen (total)	mg/L	2nd Qrt	01-Oct-24	10-Oct-24	24/1000						13.2				2.4
	pH	pH	2nd Qrt	01-Oct-24	10-Oct-24	24/1000	7.2	6.7	7.3	8.0	Note 1	7.2	7.1	Note 1	Note 1	6.9
	Phosphorus (total)	mg/L	2nd Qrt	01-Oct-24	10-Oct-24	24/1000						0.10				0.10
Jan 25	Conductivity	µS/cm	3rd Qrt	08-Jan-25	16-Jan-25	25/0033	939	3401	3191	816	Note 1	647	7968	Note 1	Note 1	2393
	pH	pH	3rd Qrt	08-Jan-25	16-Jan-25	25/0033	6.9	7.3	7.4	8.1	Note 1	7.1	6.9	Note 1	Note 1	7.1
Apr 25	Conductivity	µS/cm	4th Qrt	02-Apr-25	06-May-25	25/0326	944	3437	3183	754	Note 1	693	7634	Note 1	Note 1	2368
	pH	pH	4th Qrt	02-Apr-25	06-May-25	25/0326	7.4	7.2	7.4	8.0	Note 1	7.2	7.0	Note 1	Note 1	6.8

General Note: Limits are not applicable to this monitoring point

Note 1- Bore empty