

Water Monitoring Data Report

3-Apr-24

The attached report contains the water monitoring data for all the licenced water monitoring points as required by the Environment Protection Licence 1272, for March 2024 as part of the reporting period July 2023 - June 2024.

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Latest Publication Date: 3-Apr-24

Monitoring Location No: 13

Environment Protection Licence: 1272

Description: 4 Day Pond Outlet - Quality

Reporting Period: July 2023 to June 2024

Monitoring Type: Grab Sample

Sample Type: Water

Month	Parameter	Units	Concentration Limit	Frequency	Date of Sample	Date of Report	Report No.	Data
Jul-23	BOD	mg/L	N/A	1st Period	3-Jul-23	13-Jul-23	23/0692	0
	Nitrogen (total)	mg/L	N/A	1st Period	3-Jul-23	13-Jul-23	23/0692	1.1
	pH	pH	N/A	1st Period	3-Jul-23	13-Jul-23	23/0692	7.7
	Phosphorus (total)	mg/L	N/A	1st Period	3-Jul-23	13-Jul-23	23/0692	0.06
	TDS	mg/L	N/A	1st Period	3-Jul-23	13-Jul-23	23/0692	131
	TSS	mg/L	N/A	1st Period	3-Jul-23	13-Jul-23	23/0692	0
	Zinc	mg/L	N/A	1st Period	3-Jul-23	13-Jul-23	23/0692	0.02
Aug-23	BOD	mg/L	N/A	2nd Period	1-Aug-23	14-Aug-23	23/0795	0
	Nitrogen (total)	mg/L	N/A	2nd Period	1-Aug-23	14-Aug-23	23/0795	1.1
	pH	pH	N/A	2nd Period	1-Aug-23	14-Aug-23	23/0795	8.2
	Phosphorus (total)	mg/L	N/A	2nd Period	1-Aug-23	14-Aug-23	23/0795	0.09
	TDS	mg/L	N/A	2nd Period	1-Aug-23	14-Aug-23	23/0795	129
	TSS	mg/L	N/A	2nd Period	1-Aug-23	14-Aug-23	23/0795	0
	Zinc	mg/L	N/A	2nd Period	1-Aug-23	14-Aug-23	23/0795	0.02
Sep-23	BOD	mg/L	N/A	3rd Period	4-Sep-23	12-Sep-23	23/0917	0
	Nitrogen (total)	mg/L	N/A	3rd Period	4-Sep-23	12-Sep-23	23/0917	1.0
	pH	pH	N/A	3rd Period	4-Sep-23	12-Sep-23	23/0917	8.2
	Phosphorus (total)	mg/L	N/A	3rd Period	4-Sep-23	12-Sep-23	23/0917	0.09
	TDS	mg/L	N/A	3rd Period	4-Sep-23	12-Sep-23	23/0917	139
	TSS	mg/L	N/A	3rd Period	4-Sep-23	12-Sep-23	23/0917	0
	Zinc	mg/L	N/A	3rd Period	4-Sep-23	12-Sep-23	23/0917	0.00
Oct-23	BOD	mg/L	N/A	4th Period	9-Oct-23	9-Oct-23	23/1040	0
	Nitrogen (total)	mg/L	N/A	4th Period	9-Oct-23	9-Oct-23	23/1040	1.1
	pH	pH	N/A	4th Period	9-Oct-23	9-Oct-23	23/1040	7.6
	Phosphorus (total)	mg/L	N/A	4th Period	9-Oct-23	9-Oct-23	23/1040	0.20
	TDS	mg/L	N/A	4th Period	9-Oct-23	9-Oct-23	23/1040	148
	TSS	mg/L	N/A	4th Period	9-Oct-23	9-Oct-23	23/1040	0
	Zinc	mg/L	N/A	4th Period	9-Oct-23	9-Oct-23	23/1040	0.02
Nov-23	BOD	mg/L	N/A	5th Period	7-Nov-23	7-Nov-23	23/1135	5
	Nitrogen (total)	mg/L	N/A	5th Period	7-Nov-23	7-Nov-23	23/1135	1.1
	pH	pH	N/A	5th Period	7-Nov-23	7-Nov-23	23/1135	9.2
	Phosphorus (total)	mg/L	N/A	5th Period	7-Nov-23	7-Nov-23	23/1135	0.20
	TDS	mg/L	N/A	5th Period	7-Nov-23	7-Nov-23	23/1135	147
	TSS	mg/L	N/A	5th Period	7-Nov-23	7-Nov-23	23/1135	5
	Zinc	mg/L	N/A	5th Period	7-Nov-23	7-Nov-23	23/1135	0.01
Dec-23	BOD	mg/L	N/A	6th Period	4-Dec-23	10-Jan-24	23/1229	0
	Nitrogen (total)	mg/L	N/A	6th Period	4-Dec-23	10-Jan-24	23/1229	2.0
	pH	pH	N/A	6th Period	4-Dec-23	10-Jan-24	23/1229	8.7
	Phosphorus (total)	mg/L	N/A	6th Period	4-Dec-23	10-Jan-24	23/1229	0.10
	TDS	mg/L	N/A	6th Period	4-Dec-23	10-Jan-24	23/1229	111
	TSS	mg/L	N/A	6th Period	4-Dec-23	10-Jan-24	23/1229	7
	Zinc	mg/L	N/A	6th Period	4-Dec-23	10-Jan-24	23/1229	0.02
Jan-24	BOD	mg/L	N/A	7th Period	9-Jan-24	5-Feb-24	24/0035	3
	Nitrogen (total)	mg/L	N/A	7th Period	9-Jan-24	5-Feb-24	24/0035	1.3
	pH	pH	N/A	7th Period	9-Jan-24	5-Feb-24	24/0035	7.7
	Phosphorus (total)	mg/L	N/A	7th Period	9-Jan-24	5-Feb-24	24/0035	0.30
	TDS	mg/L	N/A	7th Period	9-Jan-24	5-Feb-24	24/0035	148
	TSS	mg/L	N/A	7th Period	9-Jan-24	5-Feb-24	24/0035	30
	Zinc	mg/L	N/A	7th Period	9-Jan-24	5-Feb-24	24/0035	0.04
Feb-24	BOD	mg/L	N/A	8th Period	5-Feb-24	27-Feb-24	24/0138	2
	Nitrogen (total)	mg/L	N/A	8th Period	5-Feb-24	27-Feb-24	24/0138	0.8
	pH	pH	N/A	8th Period	5-Feb-24	27-Feb-24	24/0138	7.5
	Phosphorus (total)	mg/L	N/A	8th Period	5-Feb-24	27-Feb-24	24/0138	0.08
	TDS	mg/L	N/A	8th Period	5-Feb-24	27-Feb-24	24/0138	123
	TSS	mg/L	N/A	8th Period	5-Feb-24	27-Feb-24	24/0138	9
	Zinc	mg/L	N/A	8th Period	5-Feb-24	27-Feb-24	24/0138	0.03
Mar-24	BOD	mg/L	N/A	9th Period	4-Mar-24	26-Mar-24	24/0241	0
	Nitrogen (total)	mg/L	N/A	9th Period	4-Mar-24	26-Mar-24	24/0241	1.3
	pH	pH	N/A	9th Period	4-Mar-24	26-Mar-24	24/0241	9.1
	Phosphorus (total)	mg/L	N/A	9th Period	4-Mar-24	26-Mar-24	24/0241	0.03
	TDS	mg/L	N/A	9th Period	4-Mar-24	26-Mar-24	24/0241	105
	TSS	mg/L	N/A	9th Period	4-Mar-24	26-Mar-24	24/0241	20
	Zinc	mg/L	N/A	9th Period	4-Mar-24	26-Mar-24	24/0241	0.04
Apr-24	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				
May-24	BOD	mg/L	N/A	11th Period				

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

Jun-24

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: 1-Feb-24

Monitoring Location No: 14 to 23

Description: Groundwater Monitoring Bores - Depth

Monitoring Type: Grab Sample

Environment Protection Licence: 1272

Reporting Period: July 2023 to June 2024

Sample Type: Depth

Month	Date of Sample	Units	Bore No									
			D3	D4	D5	D6	S7	S8	S11	S17	S20	S21
Jul-23	03-Jul-23	m	45.20	47.00	46.70	44.60	Note 1	1.60	6.42	5.61	Note 1	9.10
Oct-23	9-Oct-23	m	45.10	46.80	45.50	45.50	Note 1	1.80	6.16	5.50	Note 1	9.28
Jan-24	15-Jan-24	m	44.70	44.70	44.70	44.50	Note 1	2.72	6.36	Note 1	Note 1	Note 1
Apr-24		m										

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: 5-Feb-24				Environment Protection Licence: 1272												
Monitoring Location No: 14 to 23				Reporting Period: July 2023 to June 2024												
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 23	Conductivity	µS/cm	1st Qrt	03-Jul-23	13-Jul-23	23/0693	915	3445	3530	729	Note 1	581	7615	618	Note 1	2322
	Nitrate	mg/L	1st Qrt	03-Jul-23	13-Jul-23	23/0693	0.0	0.0	0.0	1.0	Note 1	10.0	0.0	2	Note 1	1.0
	Nitrogen (total)	mg/L	1st Qrt	03-Jul-23	13-Jul-23	23/0693	0.0	5.5	3.6	2.3	Note 1	9.9	0.6	4	Note 1	4.1
	pH	pH	1st Qrt	03-Jul-23	13-Jul-23	23/0693	7.2	7.2	7.3	8.0	Note 1	7.1	7.2	6.6	Note 1	7.1
	Phosphorus (total)	mg/L	1st Qrt	03-Jul-23	13-Jul-23	23/0693	0.20	0.09	0.00	0.04	Note 1	0.20	0.03	0.3	Note 1	0.60
Oct 23	Conductivity	µS/cm	2nd Qrt	09-Oct-23	09-Oct-23	23/1041	908	3452	3277	737	Note 1	581	7620	529	Note 1	2326
	pH	pH	2nd Qrt	09-Oct-23	09-Oct-23	23/1041	7.1	7.1	7.5	7.9	Note 1	7.1	7.0	6.7	Note 1	7.2
Jan 24	Conductivity	µS/cm	3rd Qrt	15-Jan-24	15-Jan-24	24/0059	921	3466	3360	728	Note 1	686	7728	Note 1	Note 1	Note 1
	pH	pH	3rd Qrt	15-Jan-24	15-Jan-24	24/0059	7.1	7.2	7.4	8.0	Note 1	7.1	7.0	Note 1	Note 1	Note 1
Apr 24	Conductivity	µS/cm	4th Qrt													
	pH	pH	4th Qrt													

General Note: Limits are not applicable to this monitoring point

Note 1- Bore empty