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## Water Monitoring Data Report

15-Jun-23

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 2023 as part of the reporting period July 2022 - June 2023.

Authorised by:

A handwritten signature in black ink, appearing to read "Matthew O'Donovan".

Matthew O'Donovan  
HSE Manager

A handwritten signature in black ink, appearing to read "Johan Stoltz".

Johan Stoltz  
General Manager

**Latest Publication Date:** 15-Jun-23  
**Monitoring Location No:** 13  
**Description:** 4 Day Pond Outlet - Quality  
**Monitoring Type:** Grab Sample

**Environment Protection Licence:** 1272  
**Reporting Period:** July 2022 to June 2023  
**Sample Type:** Water

Month	Parameter	Units	Concentration		Date of Sample	Date of Report	Report No.	Data
			Limit	Frequency				
Jul-22	BOD	mg/L	N/A	1st Period	5-Jul-22	27-Jul-22	22/0652	2
	Nitrogen (total)	mg/L	N/A	1st Period	5-Jul-22	27-Jul-22	22/0652	1.7
	pH	pH	N/A	1st Period	5-Jul-22	27-Jul-22	22/0652	8.5
	Phosphorus (total)	mg/L	N/A	1st Period	5-Jul-22	27-Jul-22	22/0652	0.20
	TDS	mg/L	N/A	1st Period	5-Jul-22	27-Jul-22	22/0652	130
	TSS	mg/L	N/A	1st Period	5-Jul-22	27-Jul-22	22/0652	5
	Zinc	mg/L	N/A	1st Period	5-Jul-22	27-Jul-22	22/0652	0.01
Aug-22	BOD	mg/L	N/A	2nd Period	1-Aug-22	22-Aug-22	22/0738	0
	Nitrogen (total)	mg/L	N/A	2nd Period	1-Aug-22	22-Aug-22	22/0738	0.0
	pH	pH	N/A	2nd Period	1-Aug-22	22-Aug-22	22/0738	8.2
	Phosphorus (total)	mg/L	N/A	2nd Period	1-Aug-22	22-Aug-22	22/0738	0.08
	TDS	mg/L	N/A	2nd Period	1-Aug-22	22-Aug-22	22/0738	125
	TSS	mg/L	N/A	2nd Period	1-Aug-22	22-Aug-22	22/0738	0
	Zinc	mg/L	N/A	2nd Period	1-Aug-22	22-Aug-22	22/0738	0.05
Sep-22	BOD	mg/L	N/A	3rd Period	5-Sep-22	14-Sep-22	22/0864	0
	Nitrogen (total)	mg/L	N/A	3rd Period	5-Sep-22	14-Sep-22	22/0864	0.9
	pH	pH	N/A	3rd Period	5-Sep-22	14-Sep-22	22/0864	8.9
	Phosphorus (total)	mg/L	N/A	3rd Period	5-Sep-22	14-Sep-22	22/0864	0.20
	TDS	mg/L	N/A	3rd Period	5-Sep-22	14-Sep-22	22/0864	127
	TSS	mg/L	N/A	3rd Period	5-Sep-22	14-Sep-22	22/0864	0
	Zinc	mg/L	N/A	3rd Period	5-Sep-22	14-Sep-22	22/0864	0.02
Oct-22	BOD	mg/L	N/A	4th Period	10-Oct-22	31-Oct-22	22/1010	0
	Nitrogen (total)	mg/L	N/A	4th Period	10-Oct-22	31-Oct-22	22/1010	1.3
	pH	pH	N/A	4th Period	10-Oct-22	31-Oct-22	22/1010	8.5
	Phosphorus (total)	mg/L	N/A	4th Period	10-Oct-22	31-Oct-22	22/1010	0.20
	TDS	mg/L	N/A	4th Period	10-Oct-22	31-Oct-22	22/1010	123
	TSS	mg/L	N/A	4th Period	10-Oct-22	31-Oct-22	22/1010	0
	Zinc	mg/L	N/A	4th Period	10-Oct-22	31-Oct-22	22/1010	0.02
Nov-22	BOD	mg/L	N/A	5th Period	7-Nov-22	21-Nov-22	22/1138	11
	Nitrogen (total)	mg/L	N/A	5th Period	7-Nov-22	21-Nov-22	22/1138	1.3
	pH	pH	N/A	5th Period	7-Nov-22	21-Nov-22	22/1138	8.2
	Phosphorus (total)	mg/L	N/A	5th Period	7-Nov-22	21-Nov-22	22/1138	0.20
	TDS	mg/L	N/A	5th Period	7-Nov-22	21-Nov-22	22/1138	147
	TSS	mg/L	N/A	5th Period	7-Nov-22	21-Nov-22	22/1138	20
	Zinc	mg/L	N/A	5th Period	7-Nov-22	21-Nov-22	22/1138	0.03
Dec-22	BOD	mg/L	N/A	6th Period	5-Dec-22	22-Dec-22	22/1258	3
	Nitrogen (total)	mg/L	N/A	6th Period	5-Dec-22	22-Dec-22	22/1258	1.1
	pH	pH	N/A	6th Period	5-Dec-22	22-Dec-22	22/1258	7.8
	Phosphorus (total)	mg/L	N/A	6th Period	5-Dec-22	22-Dec-22	22/1258	0.20
	TDS	mg/L	N/A	6th Period	5-Dec-22	22-Dec-22	22/1258	162
	TSS	mg/L	N/A	6th Period	5-Dec-22	22-Dec-22	22/1258	3
	Zinc	mg/L	N/A	6th Period	5-Dec-22	22-Dec-22	22/1258	0.02
Jan-23	BOD	mg/L	N/A	7th Period	3-Jan-23	23-Jan-23	23/0004	5
	Nitrogen (total)	mg/L	N/A	7th Period	3-Jan-23	23-Jan-23	23/0004	2.0
	pH	pH	N/A	7th Period	3-Jan-23	23-Jan-23	23/0004	7.9
	Phosphorus (total)	mg/L	N/A	7th Period	3-Jan-23	23-Jan-23	23/0004	0.30
	TDS	mg/L	N/A	7th Period	3-Jan-23	23-Jan-23	23/0004	162
	TSS	mg/L	N/A	7th Period	3-Jan-23	23-Jan-23	23/0004	20
	Zinc	mg/L	N/A	7th Period	3-Jan-23	23-Jan-23	23/0004	0.02
Feb-23	BOD	mg/L	N/A	8th Period	7-Feb-23	7-Feb-23	23/0141	3
	Nitrogen (total)	mg/L	N/A	8th Period	7-Feb-23	7-Feb-23	23/0141	1.0
	pH	pH	N/A	8th Period	7-Feb-23	7-Feb-23	23/0141	8.3
	Phosphorus (total)	mg/L	N/A	8th Period	7-Feb-23	7-Feb-23	23/0141	0.20
	TDS	mg/L	N/A	8th Period	7-Feb-23	7-Feb-23	23/0141	128
	TSS	mg/L	N/A	8th Period	7-Feb-23	7-Feb-23	23/0141	8
	Zinc	mg/L	N/A	8th Period	7-Feb-23	7-Feb-23	23/0141	0.02
Mar-23	BOD	mg/L	N/A	9th Period	7-Mar-23	16-Mar-23	23/0270	4
	Nitrogen (total)	mg/L	N/A	9th Period	7-Mar-23	16-Mar-23	23/0270	1.6
	pH	pH	N/A	9th Period	7-Mar-23	16-Mar-23	23/0270	9.1
	Phosphorus (total)	mg/L	N/A	9th Period	7-Mar-23	16-Mar-23	23/0270	0.30
	TDS	mg/L	N/A	9th Period	7-Mar-23	16-Mar-23	23/0270	132
	TSS	mg/L	N/A	9th Period	7-Mar-23	16-Mar-23	23/0270	20
	Zinc	mg/L	N/A	9th Period	7-Mar-23	16-Mar-23	23/0270	0.01
Apr-23	BOD	mg/L	N/A	10th Period	3-Apr-23	18-Apr-23	23/0388	0
	Nitrogen (total)	mg/L	N/A	10th Period	3-Apr-23	18-Apr-23	23/0388	1.6
	pH	pH	N/A	10th Period	3-Apr-23	18-Apr-23	23/0388	7.9
	Phosphorus (total)	mg/L	N/A	10th Period	3-Apr-23	18-Apr-23	23/0388	0.20
	TDS	mg/L	N/A	10th Period	3-Apr-23	18-Apr-23	23/0388	137
	TSS	mg/L	N/A	10th Period	3-Apr-23	18-Apr-23	23/0388	4
	Zinc	mg/L	N/A	10th Period	3-Apr-23	18-Apr-23	23/0388	0.01
May-23	BOD	mg/L	N/A	11th Period	1-May-23	11-May-23	23/0488	2

	Nitrogen (total)	mg/L	N/A	11th Period	1-May-23	11-May-23	23/0488	1.2
	pH	pH	N/A	11th Period	1-May-23	11-May-23	23/0488	8.1
	Phosphorus (total)	mg/L	N/A	11th Period	1-May-23	11-May-23	23/0488	0.10
	TDS	mg/L	N/A	11th Period	1-May-23	11-May-23	23/0488	143
	TSS	mg/L	N/A	11th Period	1-May-23	11-May-23	23/0488	8
	Zinc	mg/L	N/A	11th Period	1-May-23	11-May-23	23/0488	0.02
Jun-23	BOD	mg/L	N/A	12th Period	5-Jun-23	14-Jun-23	23/0603	0
	Nitrogen (total)	mg/L	N/A	12th Period	5-Jun-23	14-Jun-23	23/0603	1.9
	pH	pH	N/A	12th Period	5-Jun-23	14-Jun-23	23/0603	8.0
	Phosphorus (total)	mg/L	N/A	12th Period	5-Jun-23	14-Jun-23	23/0603	0.10
	TDS	mg/L	N/A	12th Period	5-Jun-23	14-Jun-23	23/0603	142
	TSS	mg/L	N/A	12th Period	5-Jun-23	14-Jun-23	23/0603	0
	Zinc	mg/L	N/A	12th Period	5-Jun-23	14-Jun-23	23/0603	0.01

General Note: Limits are not applicable to this monitoring point

ND - No Data

N/A-Not Applicable

VP Albury - Groundwater Monitoring Bores - Depth



**Latest Publication Date:** 24-Apr-23  
**Monitoring Location No:** 14 to 23  
**Description:** Groundwater Monitoring Bores - Depth  
**Monitoring Type:** Grab Sample  
**Environment Protection Licence:** 1272  
**Reporting Period:** July 2022 to June 2023  
**Sample Type:** Depth

Month	Date of Sample	Units	Bore No									
			D3	D4	D5	D6	S7	S8	S11	S17	S20	S21
Jul-22	05-Jul-22	m	45.10	46.00	44.70	42.70	Note 1	1.99	6.95	Note 1	Note 1	8.90
Oct-22	18-Oct-22	m	45.10	45.70	44.70	45.50	Note 1	1.10	6.70	4.55	Note 1	9.02
Jan-23	3-Jan-23	m	44.70	45.90	44.70	44.80	Note 1	2.10	6.56	5.00	Note 1	8.80
Apr-23	3-Apr-23	m	44.90	45.70	45.10	45.10	Note 1	2.50	6.95	5.68	Note 1	9.21

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: 24-Apr-23

Monitoring Location No: 14 to 23

Description: Groundwater Monitoring Bores - Quality

Monitoring Type: Grab Sample

Environment Protection Licence: 1272

Reporting Period: July 2022 to June 2023

Sample Type: Water

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 22	Conductivity	µS/cm	1st Qrt	05-Jul-22	27-Jul-22	22/0652	1007	3804	4239	838	Note 1	827	8117	Note 1	Note 1	2552
	Nitrate	mg/L	1st Qrt	05-Jul-22	27-Jul-22	22/0652	0.0	0.0	0.0	0.1	Note 1	0.8	0.0	Note 1	Note 1	1.2
	Nitrogen (total)	mg/L	1st Qrt	05-Jul-22	27-Jul-22	22/0652	0.6	6.3	5.2	1.3	Note 1	1.8	0.7	Note 1	Note 1	4.5
	pH	pH	1st Qrt	05-Jul-22	27-Jul-22	22/0652	7.4	7.2	7.2	8.2	Note 1	7.3	7.0	Note 1	Note 1	7.0
	Phosphorus (total)	mg/L	1st Qrt	05-Jul-22	27-Jul-22	22/0652	0.50	0.08	0.06	0.06	Note 1	0.10	0.08	Note 1	Note 1	0.50
Oct 22	Conductivity	µS/cm	2nd Qrt	18-Oct-22	31-Oct-22	22/1053	1005	3856	4185	795	Note 1	697	8293	477	Note 1	2574
	pH	pH	2nd Qrt	18-Oct-22	31-Oct-22	22/1053	8.0	7.5	7.1	8.3	Note 1	7.4	6.9	6.6	Note 1	7.1
Jan 23	Conductivity	µS/cm	3rd Qrt	03-Jan-23	23-Jan-23	23/0004	1003	3823	4000	796	Note 1	594	8055	630	Note 1	2609
	pH	pH	3rd Qrt	03-Jan-23	23-Jan-23	23/0004	7.9	7.2	7.3	8.2	Note 1	7.3	7.0	6.7	Note 1	7.0
Apr 23	Conductivity	µS/cm	4th Qrt	03-Apr-23	24-Apr-23	23/0389	939	3492	3237	732	Note 1	628	7672	508	Note 1	2340
	pH	pH	4th Qrt	03-Apr-23	24-Apr-23	23/0389	6.8	7.2	7.5	7.9	Note 1	7.3	7.0	6.6	Note 1	7.0

General Note: Limits are not applicable to this monitoring point

Note 1- Bore empty