Water Quality Samples Summary Report

Updated 2023/11/28 12:34:37

Standard: EPL
Standard Description: Environmental Protection Licence
Version: 5785
Location Name: Wardell Wastewater Treatment Plant
Location Address: Kays Road, Coolgardie
Activity: IDEA Process incl. and UV
Period: Current Licence Year for WWTP (April to March)
Date Range From: 01/04/2023
Date Range To: 01/04/2024

SITE DETAILS				LIMIT	LIMIT	LIMIT	LIMIT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT
Site	Parameter	Sampling Frequency	Units	count	min	90%	max	count	min	mean	50%	90%	max	sum
1: Discharge to waters	Flow	daily	kl/day	366	-	-	-	240	0	288.663	285	491.3	1273	69279
2: Discharge to onsite utilisation area	Flow	daily	kl/day	366	-	-	1680	240	0	0.112	0.08	0.2	0.82	26.86
3: Total volume (inflow)	Flow	daily	kl/day	366	-	-	-	240	156	285.092	266.3	385.02	1134	68422
4: Effluent quality	Biochemical Oxygen Demand (5 Day)	fortnightly	mg/l	26	-	15	35	15	2	3.867	4	5.6	7	-
4: Effluent quality	Thermotolerant Coliforms	fortnightly	count/100 ml	26	-	200	600	15	1	25.267	18	55.2	85	-
4: Effluent quality	Oil and Grease	fortnightly	mg/l	26	-	-	10	16	2.5	2.500	2.5	2.5	2.5	-
4: Effluent quality	Solids (Suspended)	fortnightly	mg/l	26	-	20	40	15	2.5	6.467	2.5	13.2	26	-
4: Effluent quality	Nitrogen (Total)	fortnightly	mg/l	26	-	-	-	16	1.3	2.050	1.85	2.5	5.1	-
4: Effluent quality	Phosphorus (Total)	fortnightly	mg/l	26	-	-	-	16	0.17	0.375	0.37	0.47	0.53	-
4: Effluent quality	pH	fortnightly	pH	26	6.5	-	8.5	15	7.02	7.633	7.56	7.906	8.83	-
5: Irrigation Reuse	Flow	daily	kl/day	366	-	-	-	225	0	56.587	0	186.8	307	12732
7: Rainfall	Rainfall		pt	-	-	-	-	240	0	3.250	0	7	72	780

Ballina Shire Council

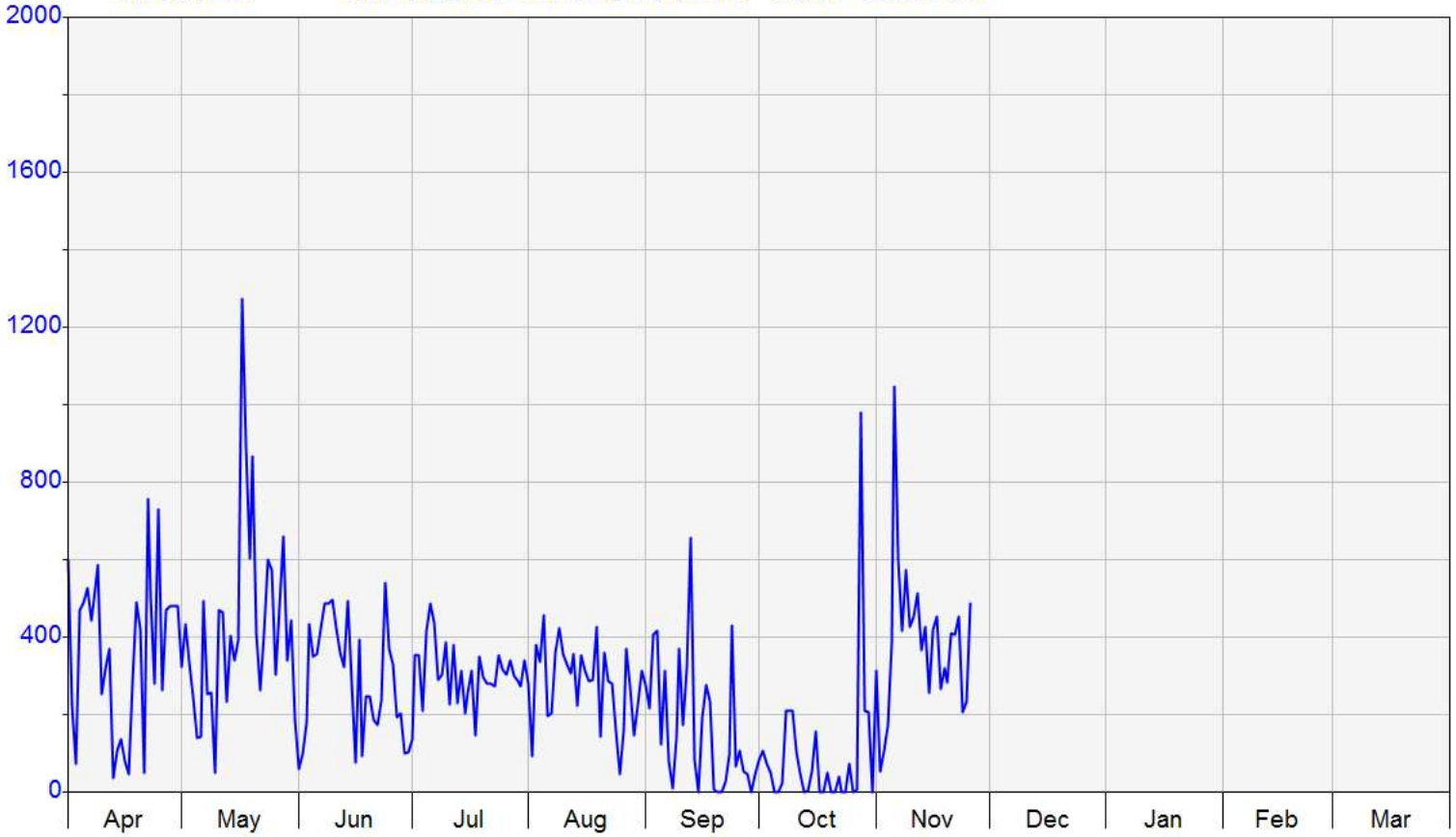
HYPLOT V134 Output 28/11/2023

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.TE.D - WWTP.Wardell WWTP.St Parameter 147.00 - Flow in kl/d



Ballina Shire Council

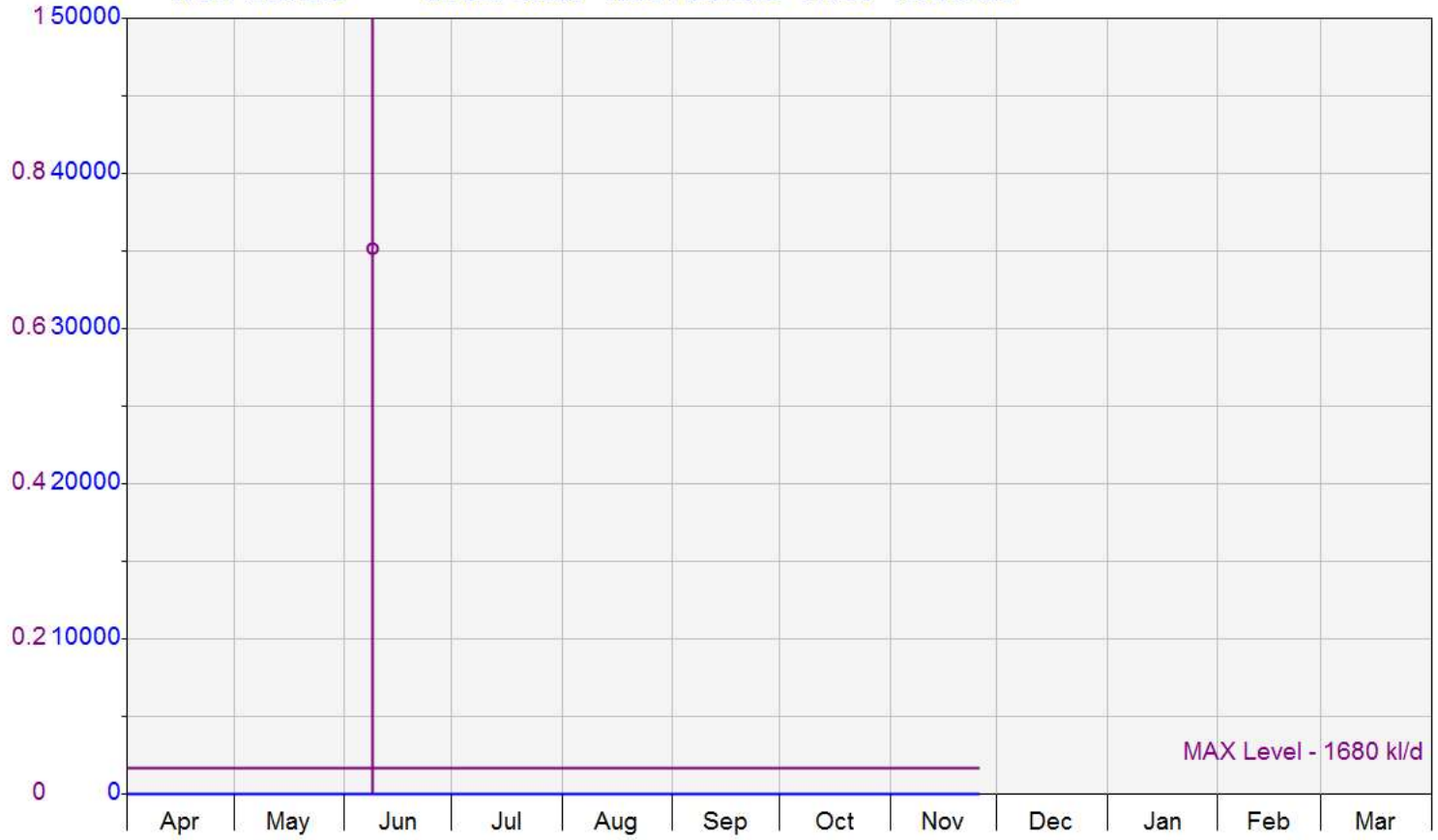
HYPLOT V134 Output 28/11/2023

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.TE.REO - On Site Reuse - Ward Parameter 147.00 - Flow in kl/d



Ballina Shire Council

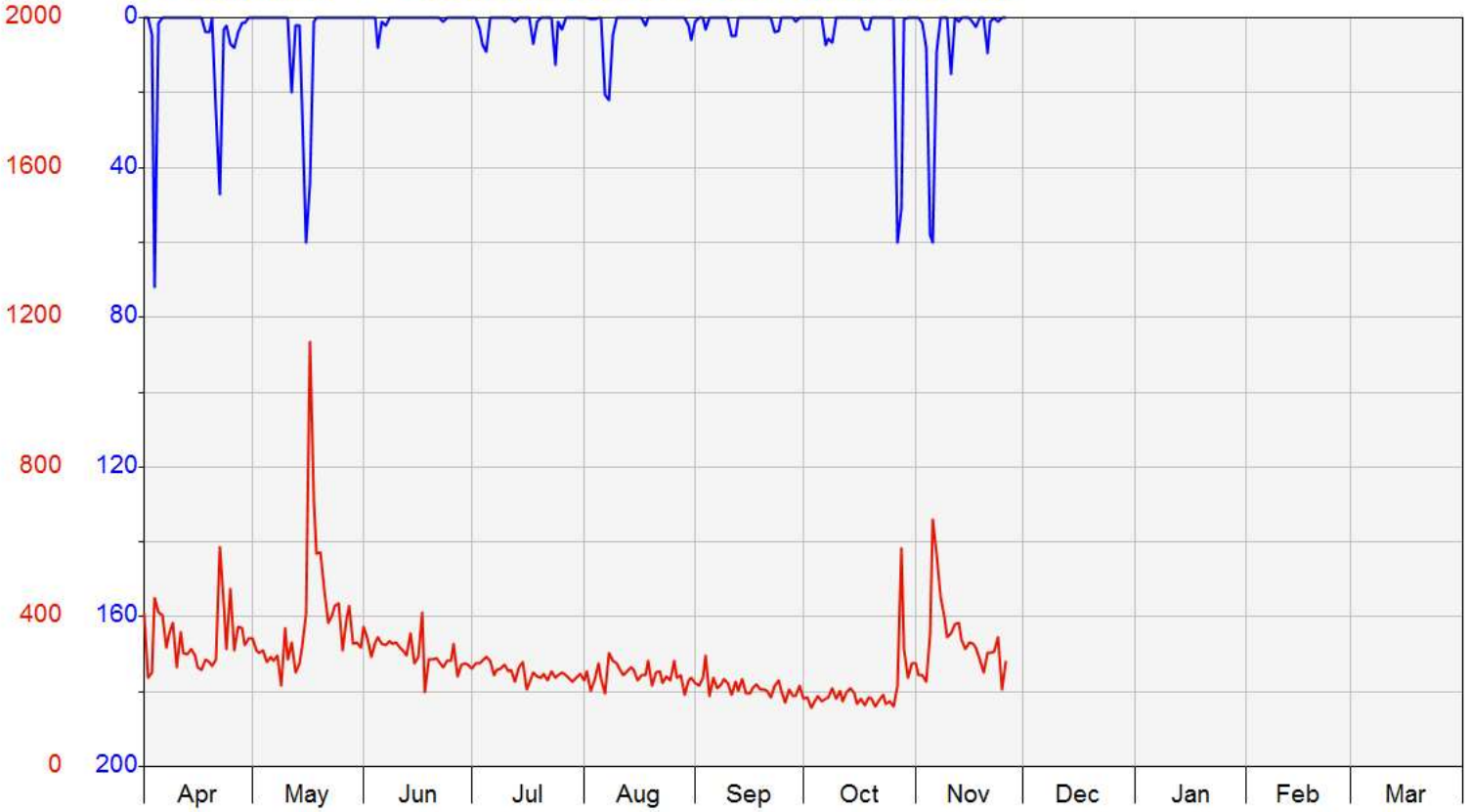
01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.PR.IN - 6.0 Wardell STW Infl Parameter 9.00 - Rainfall in Points

— WSTP.PR.IN - 6.0 Wardell STW Infl Parameter 147.00 - Flow in kl/d



HYPLOT V134 Output 28/11/2023

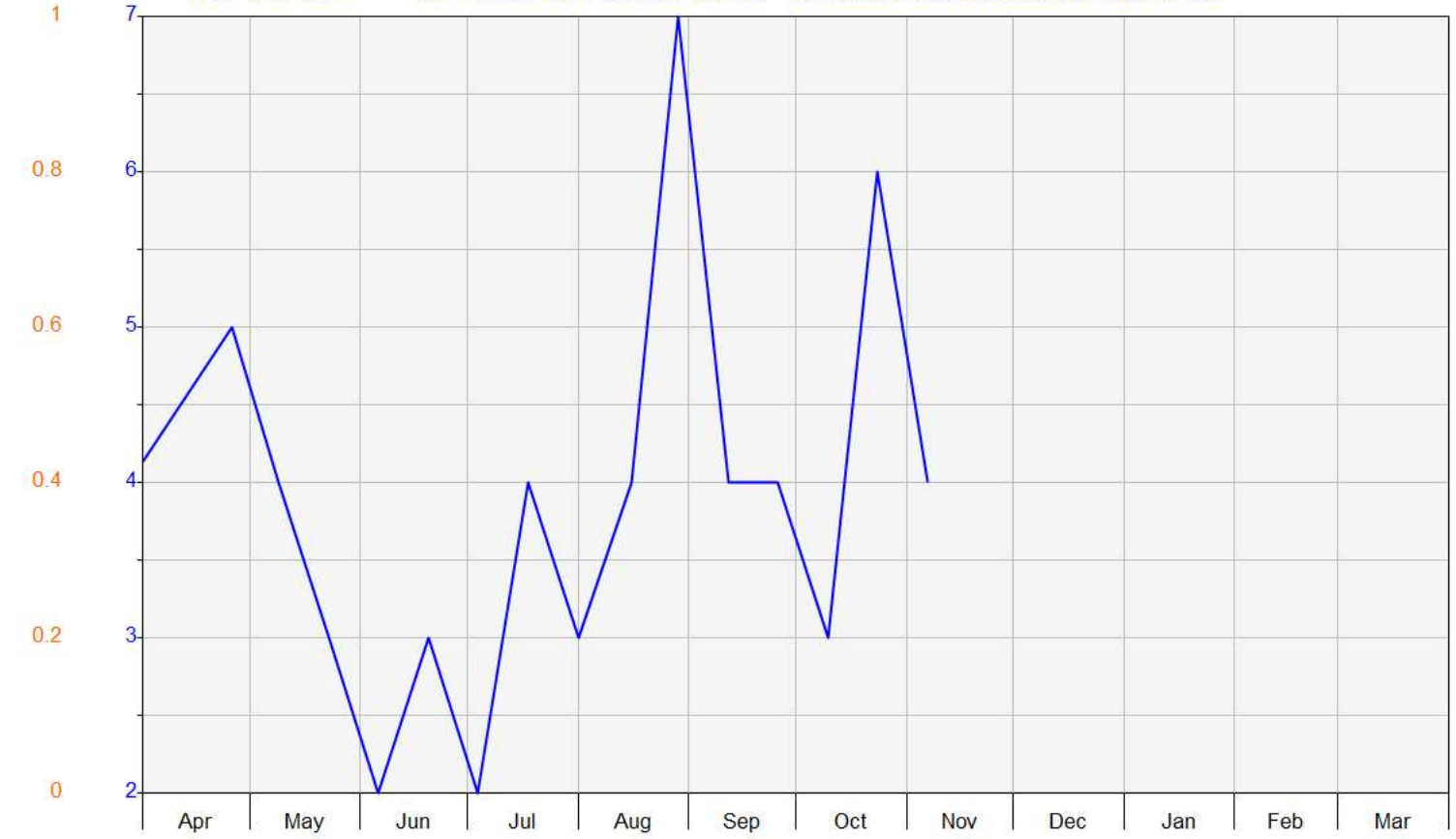
Ballina Shire Council

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.TE.PRUV - 6.2 Wardell STW Parameter 3160.00 - Biochemical Oxygen Demand (5 Day) in mg/L



Ballina Shire Council

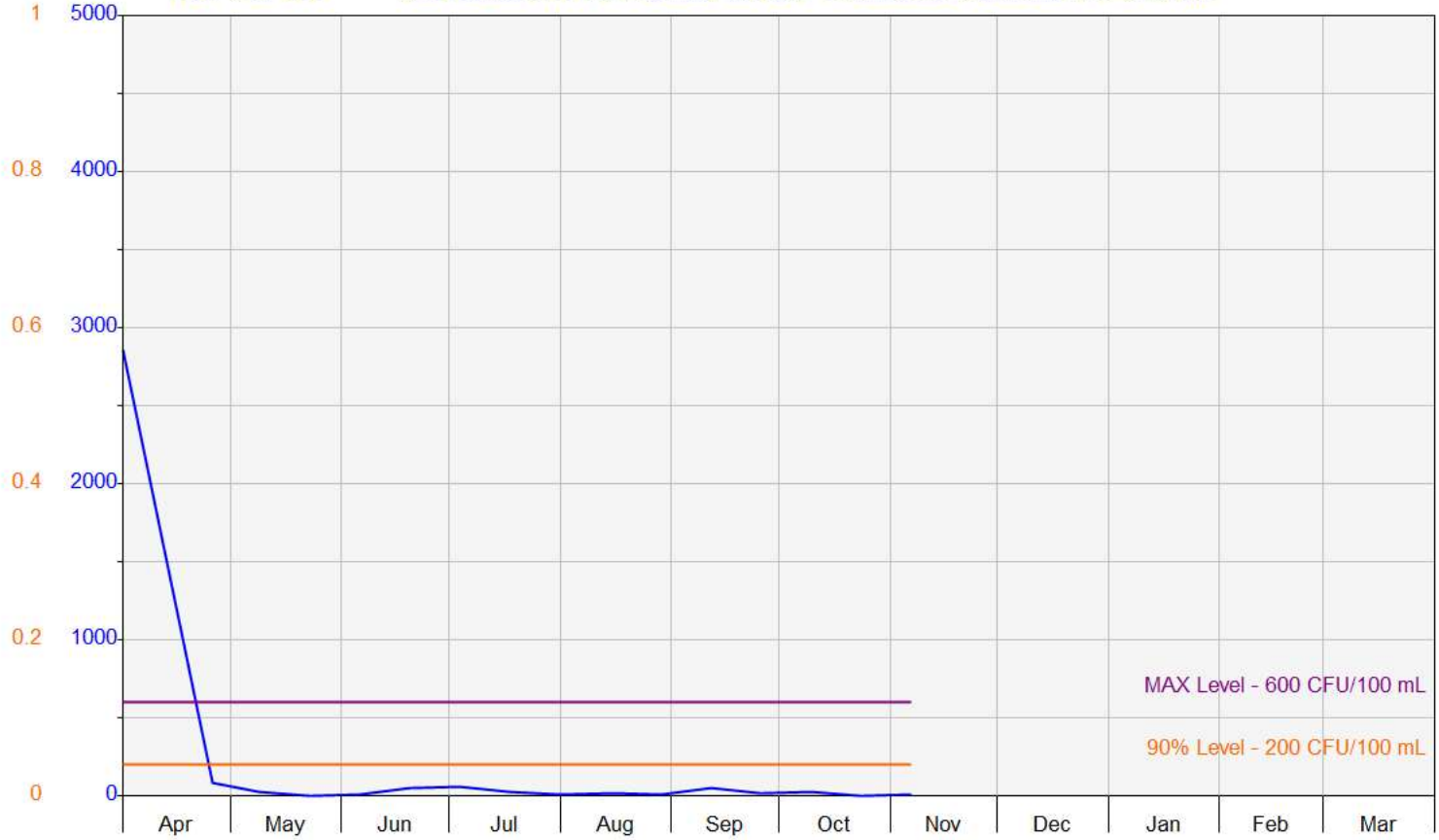
HYPLOT V134 Output 28/11/2023

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.TE.POUV - 6.2a Wardell STW Pos Parameter 6670.00 - Thermotolerant Coliforms in CFU/100 mL



Ballina Shire Council

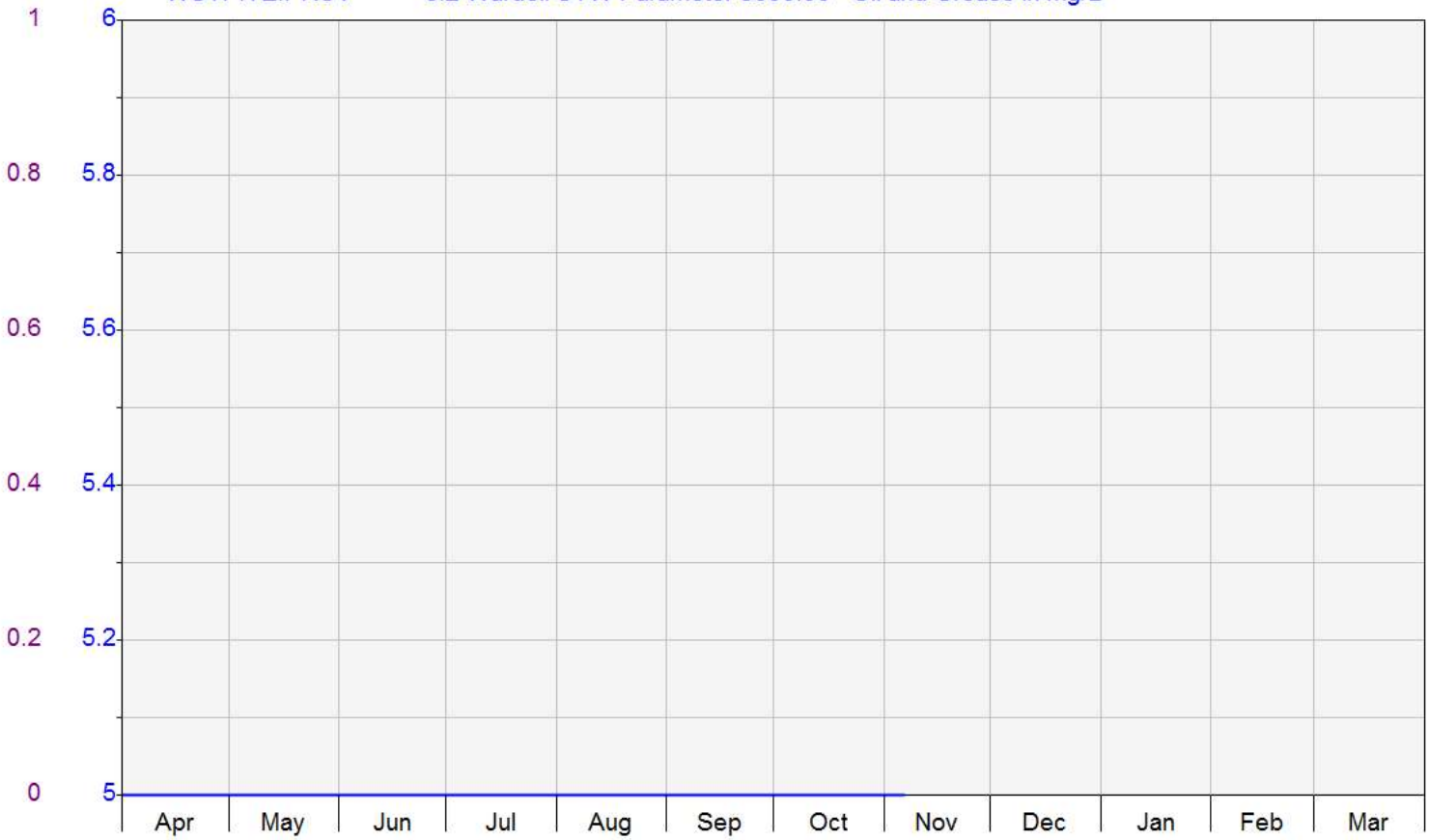
HYPLOT V134 Output 28/11/2023

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.TE.PRUV - 6.2 Wardell STW Parameter 5500.00 - Oil and Grease in mg/L



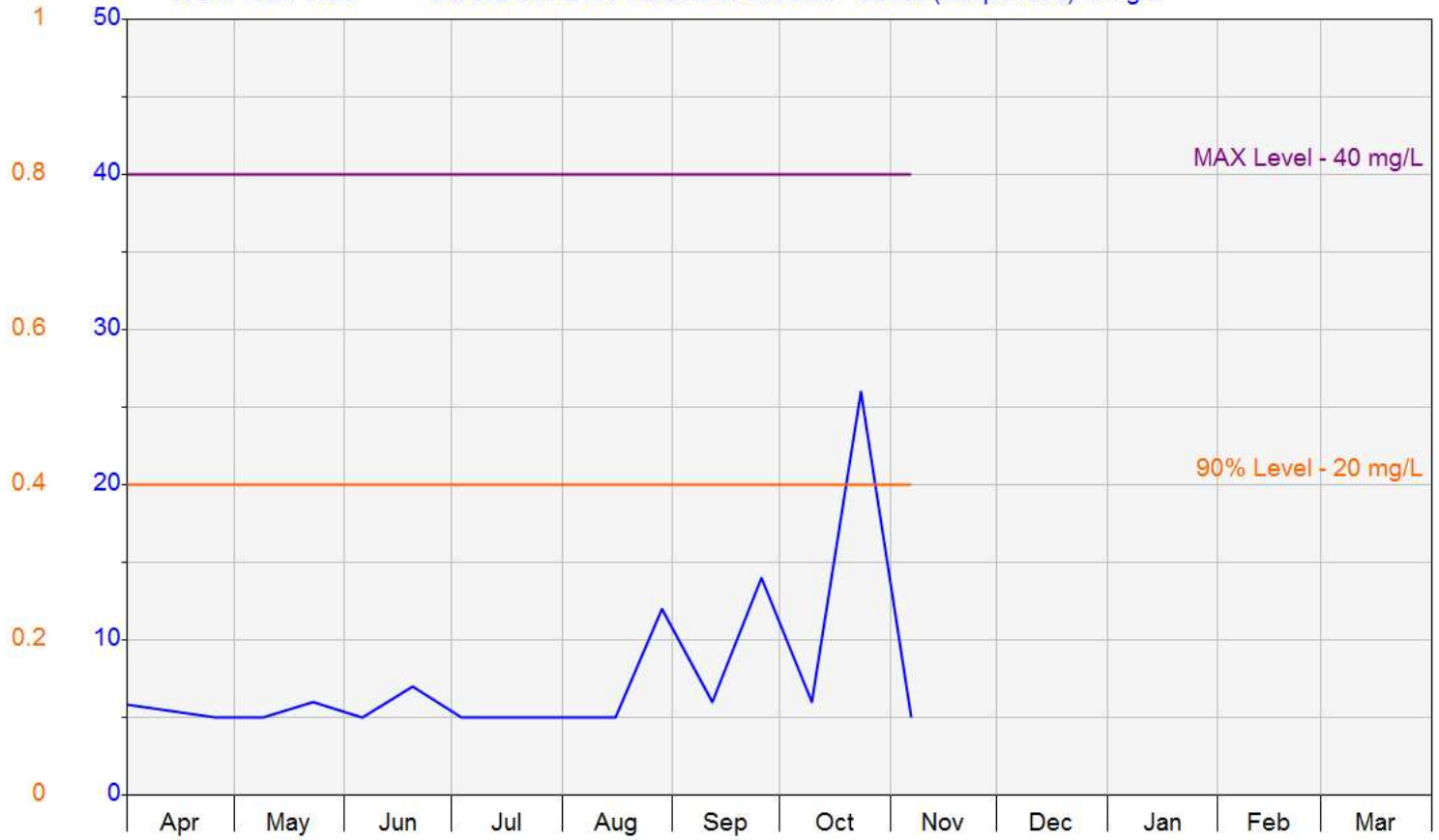
Ballina Shire Council

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.TE.PRUV - 6.2 Wardell STW Parameter 6300.00 - Solids (Suspended) in mg/L



HYPLOT V134 Output 28/11/2023

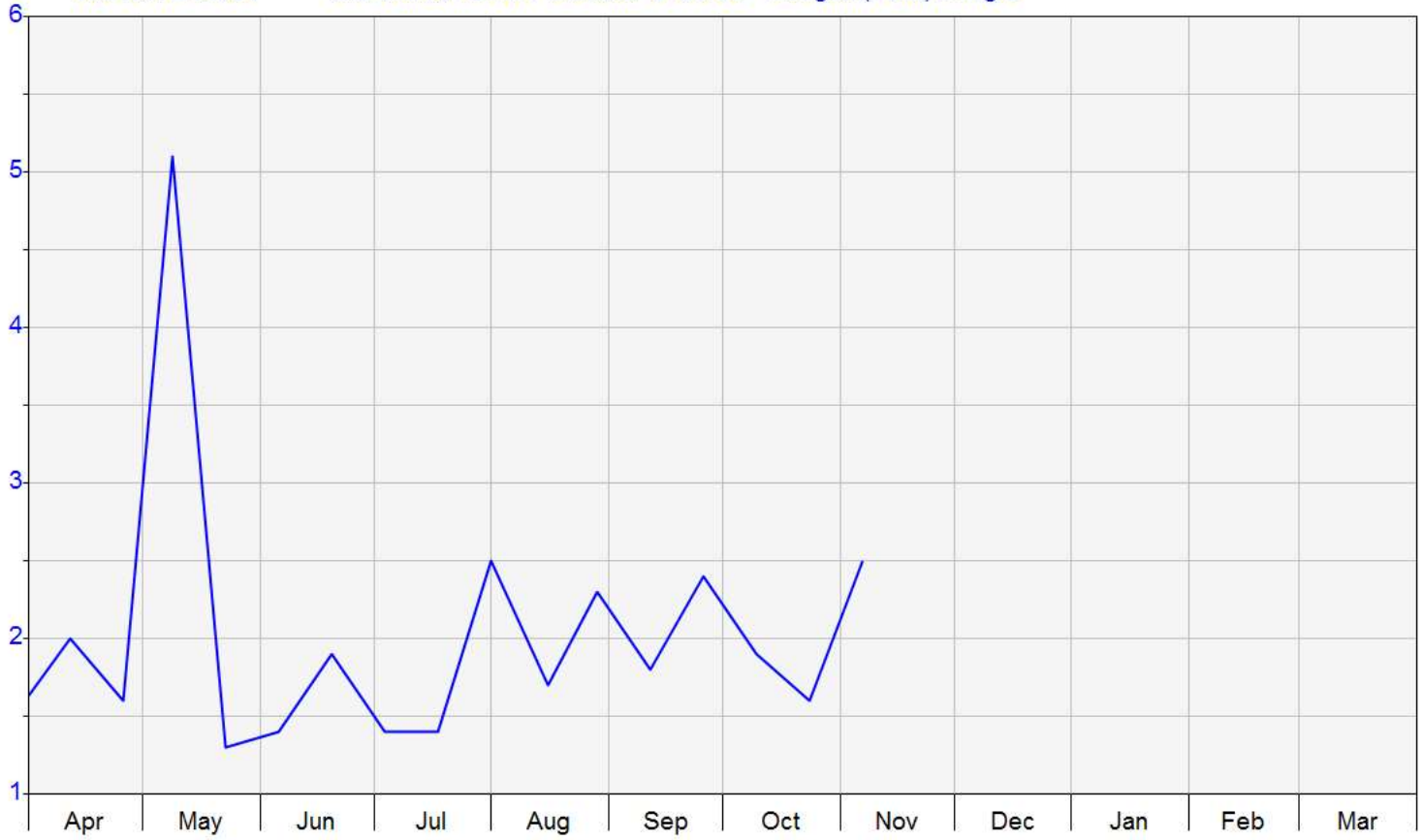
Ballina Shire Council

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.TE.PRUV - 6.2 Wardell STW Parameter 5400.00 - Nitrogen (Total) in mg/L



Ballina Shire Council

HYPLOT V134 Output 28/11/2023

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.TE.PRUV - 6.2 Wardell STW Parameter 5720.00 - Phosphorus (Total) in mg/L



Ballina Shire Council

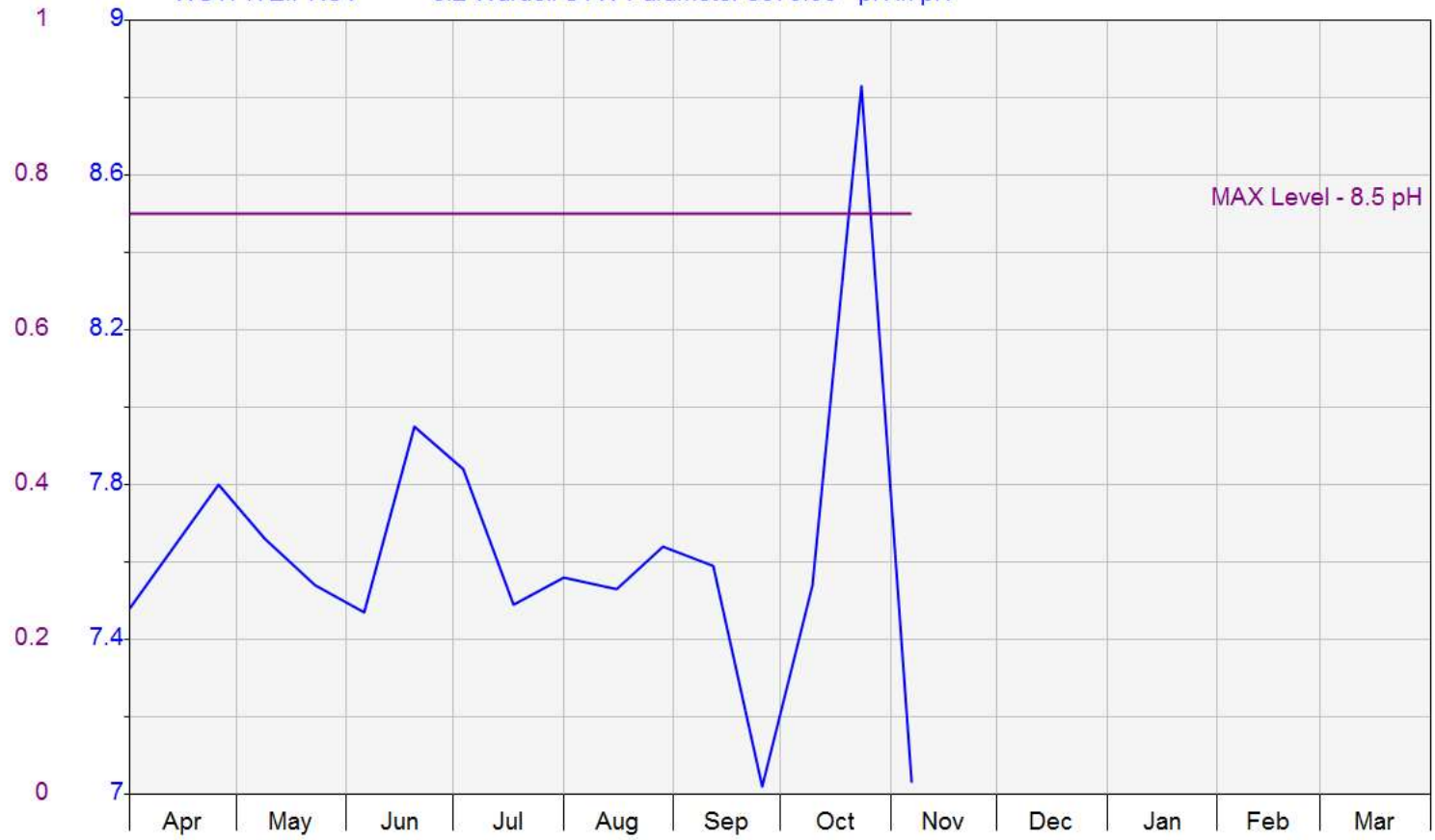
HYPLOT V134 Output 28/11/2023

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.TE.PRUV - 6.2 Wardell STW Parameter 5670.00 - pH in pH



Ballina Shire Council

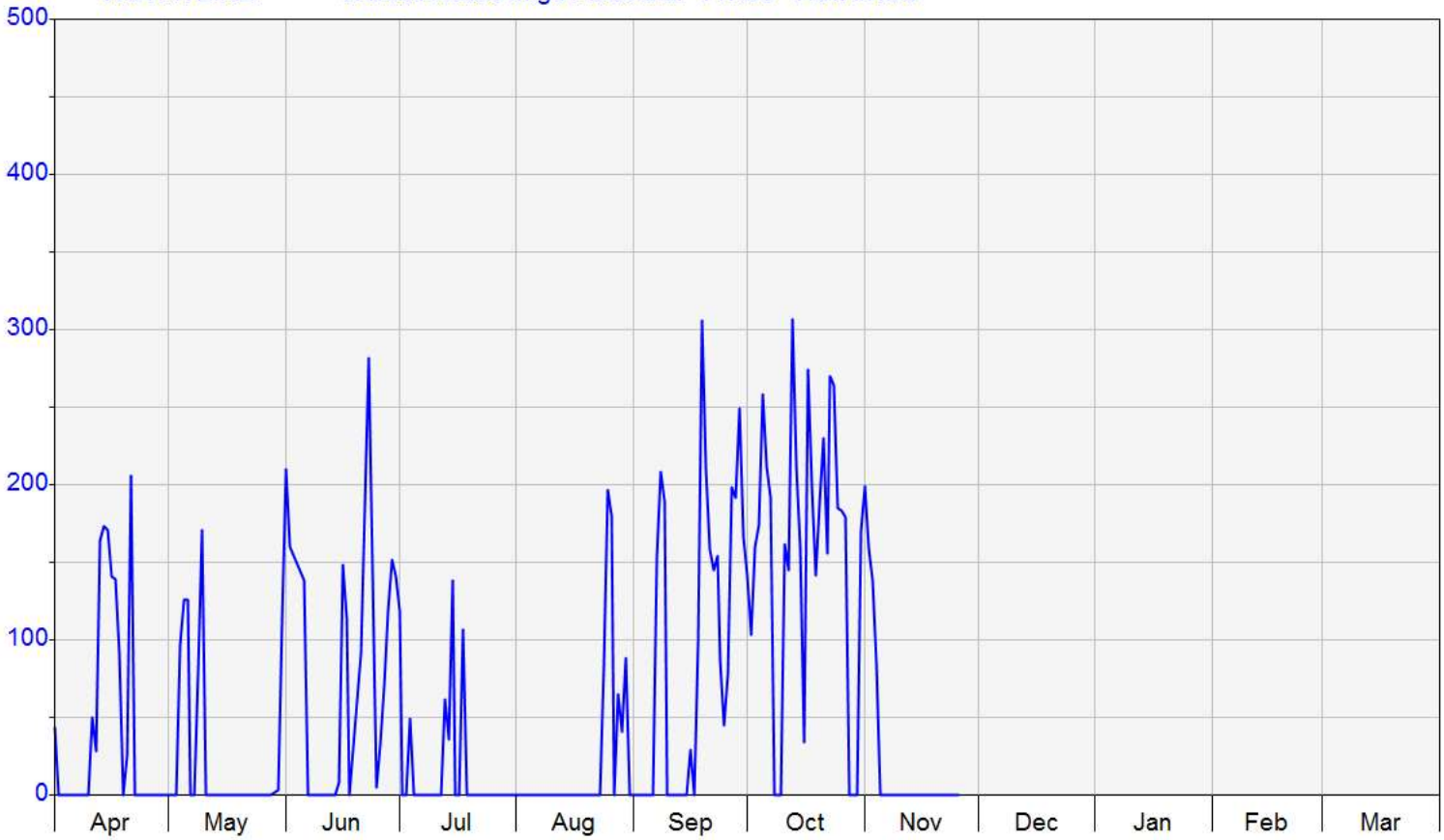
HYPLOT V134 Output 28/11/2023

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

— WSTP.TE.RE - Wardell Reuse Irriga Parameter 147.00 - Flow in kl/d



Ballina Shire Council

HYPLOT V134 Output 28/11/2023

01/04/2023 to 01/04/2024

2023-24

Current Licence Year (Actually Since Previous April)

☐ WSTP.PR.IN - 6.0 Wardell STW Infl Parameter 9.00 - Rainfall in Points

