

# Water Quality Samples Summary Report

Updated 2023/05/09 11:40:36

Standard: EPL  
 Standard Description: Environmental Protection Licence  
 Version: 199  
 Location Name: Alstonville Wastewater Treatment Plant  
 Location Address: Johnstons Road, Alstonville  
 Activity: IDEA Process incl. Chemical Dosing and UV  
 Period: Previous Four Quarters  
 Date Range From: 01/04/2022  
 Date Range To: 01/04/2023

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	365	-	-	7680	365	57	1661.361	1400	3243.8	6691	606396.7
1: Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly	mg/l	12	-	10	20	25	2	3.960	4	5	12	-
1: Effluent Quality	Thermotolerant Coliforms	monthly	count/100 ml	12	-	200	600	25	0.5	162.620	0.5	4.6	4000	-
1: Effluent Quality	Nitrogen (Total)	monthly	mg/l	12	-	10	20	25	3	7.040	5.3	14.2	18.6	-
1: Effluent Quality	Oil and Grease	monthly	mg/l	12	-	5	10	25	2.5	3.200	2.5	5.6	8	-
1: Effluent Quality	pH	monthly	pH	12	6.5	-	8.5	25	6.95	7.360	7.38	7.624	7.73	-
1: Effluent Quality	Phosphorus (Total)	monthly	mg/l	12	-	0.5	1	25	0.08	0.229	0.21	0.322	0.49	-
1: Effluent Quality	Solids (Suspended)	monthly	mg/l	12	-	15	30	25	2.5	4.420	2.5	10.6	15	-
2: Total Volume (Inflow)	Flow	daily	kl/day	365	-	-	-	365	1215	2150.693	1902	2813.8	14248	785003
3: Irrigation Reuse	Flow	daily	kl/day	365	-	-	-	365	-1	611.167	601	979.6	1377	223076
4: Irrigation Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly	mg/l	12	-	-	-	25	1	12.280	5	37.6	47	-
4: Irrigation Effluent Quality	Thermotolerant Coliforms	monthly	count/100 ml	12	-	-	-	25	0.5	1.420	0.5	3.6	10	-
4: Irrigation Effluent Quality	Nitrogen (Total)	monthly	mg/l	12	-	-	-	25	2.9	7.156	6.5	14.56	17.5	-
4: Irrigation Effluent Quality	pH	monthly	pH	12	-	-	-	25	6.49	7.271	7.39	7.672	7.77	-
4: Irrigation Effluent Quality	Phosphorus (Total)	monthly	mg/l	12	-	-	-	25	0.11	0.240	0.23	0.336	0.51	-
4: Irrigation Effluent Quality	Solids (Suspended)	monthly	mg/l	12	-	-	-	25	2.5	3.420	2.5	6.6	12	-
5: Rainfall	Rainfall	daily	pt	365	-	-	-	365	0	5.448	0	12.3	250	1988.5

# Ballina Shire Council

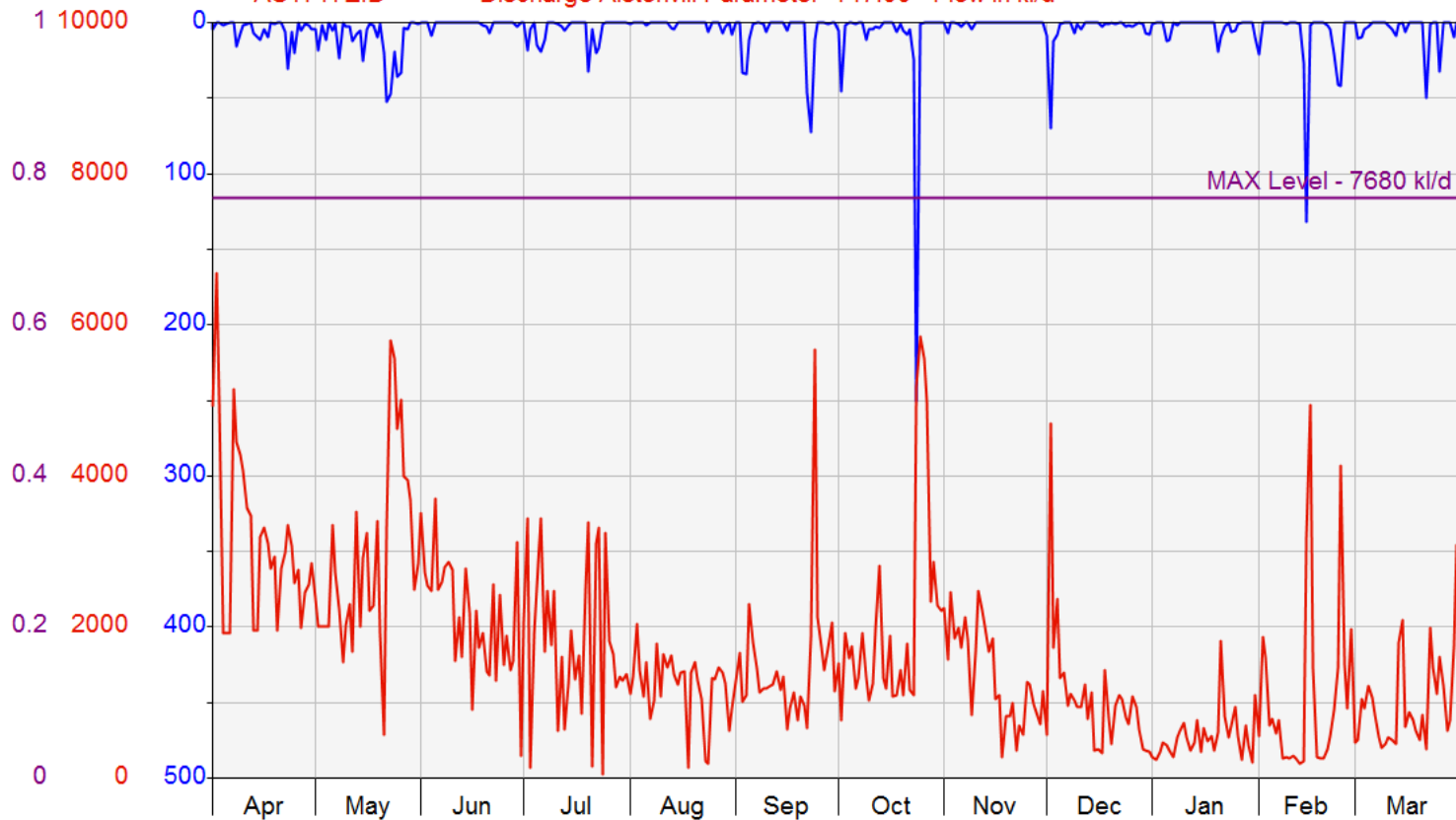
HYPLOT V134 Output 09/05/2023

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

- ASTP.PR.IN - 1.0 Alstonville STW Parameter 9.00 - Rainfall in Points
- ASTP.TE.D - Discharge Alstonvill Parameter 147.00 - Flow in kl/d



# Ballina Shire Council

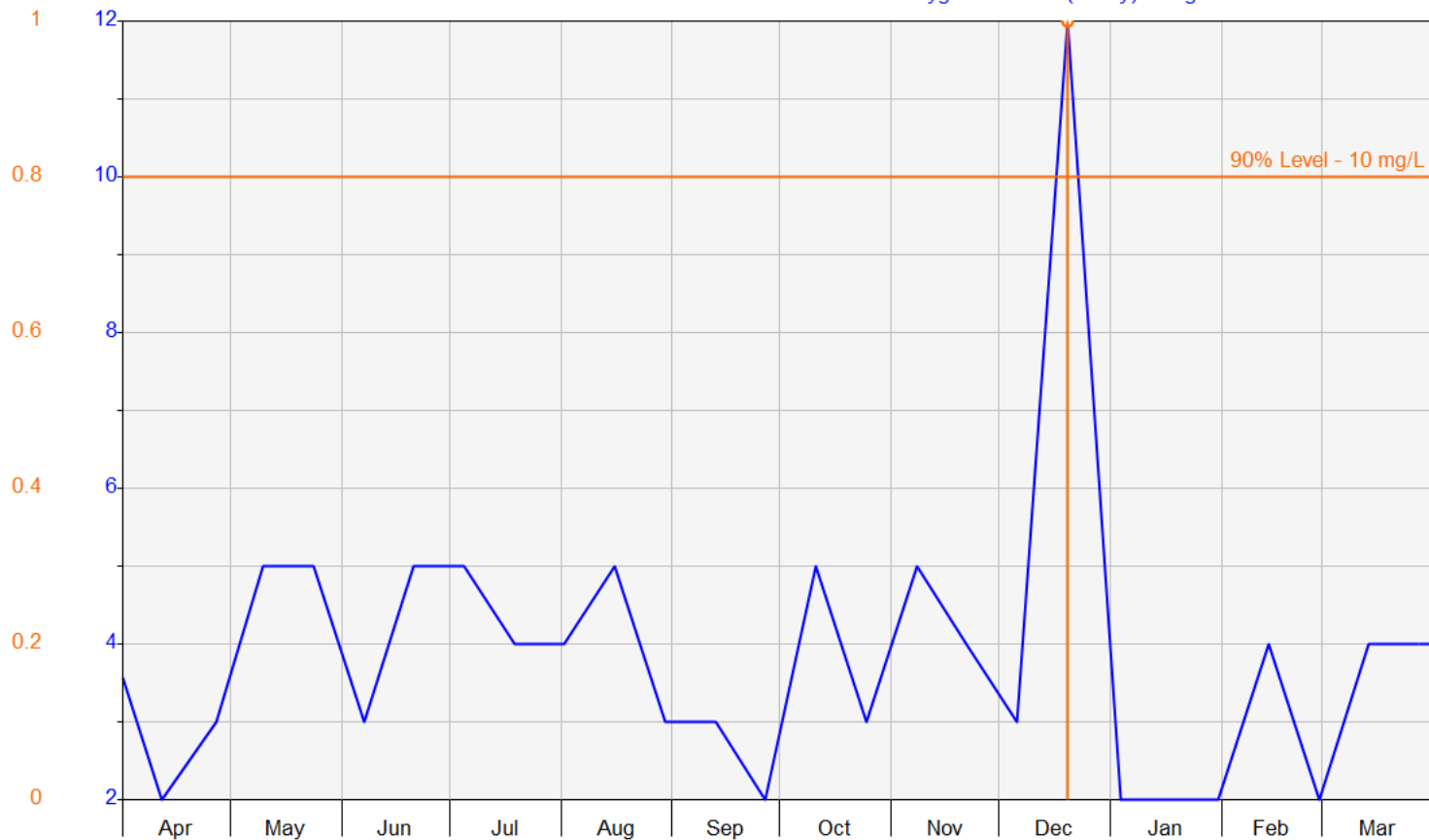
HYPLOT V134 Output 09/05/2023

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

- ASTP.TE.PRUJ - 1.7 Alstonville STW Parameter 3160.00 - Biochemical Oxygen Demand (5 Day) in mg/L

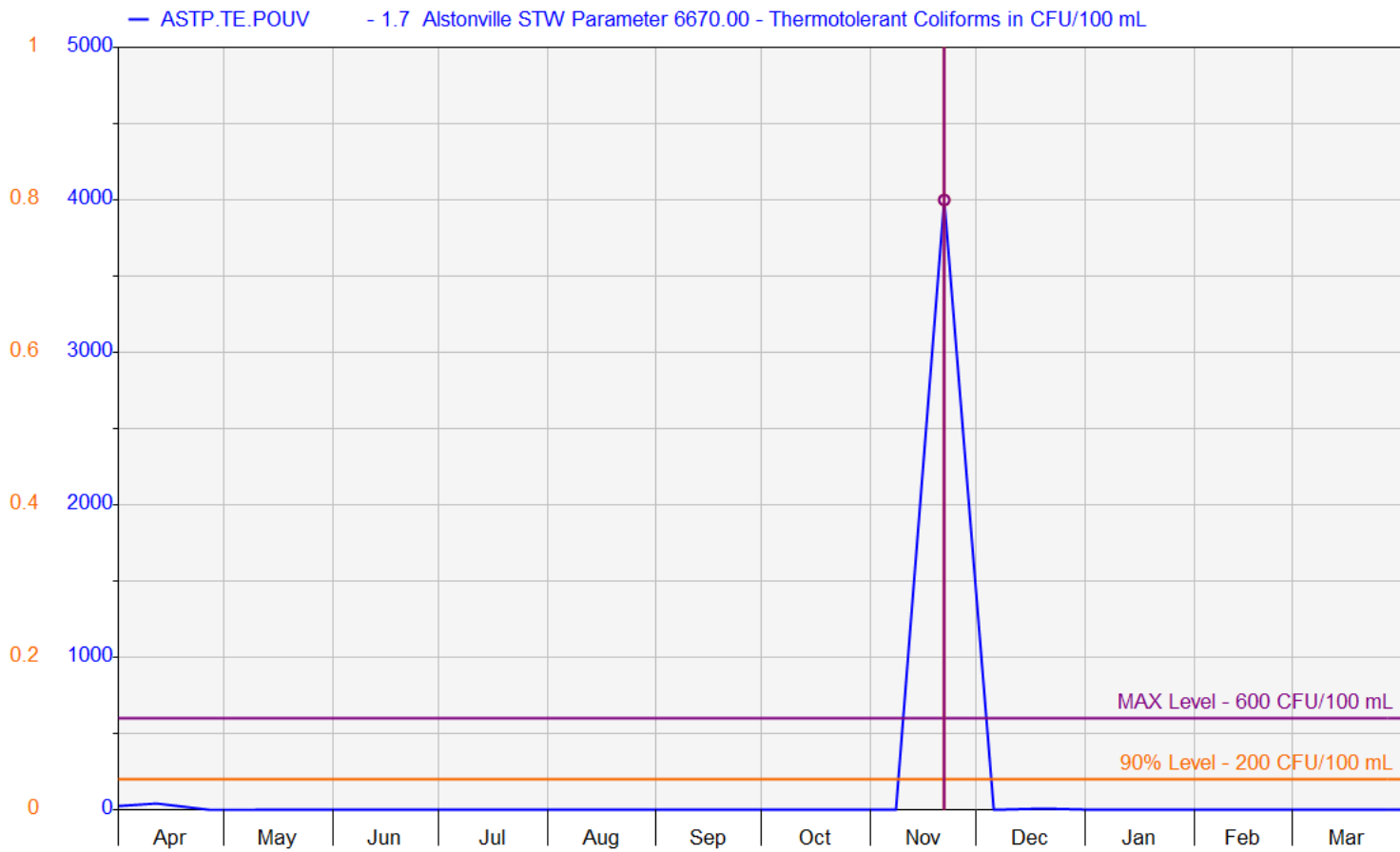


# Ballina Shire Council

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

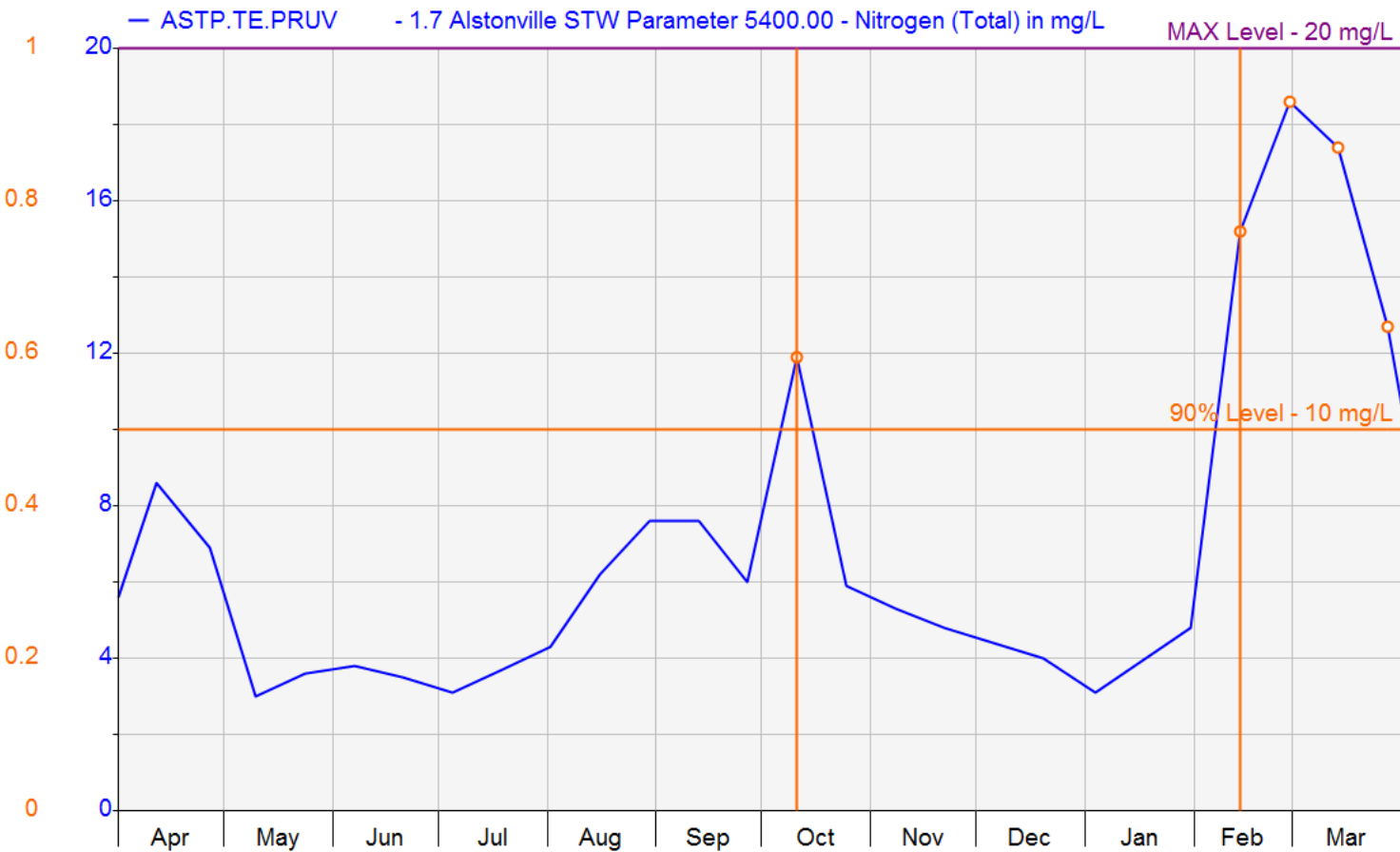


# Ballina Shire Council

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)



# Ballina Shire Council

HYPLOT V134 Output 09/05/2023

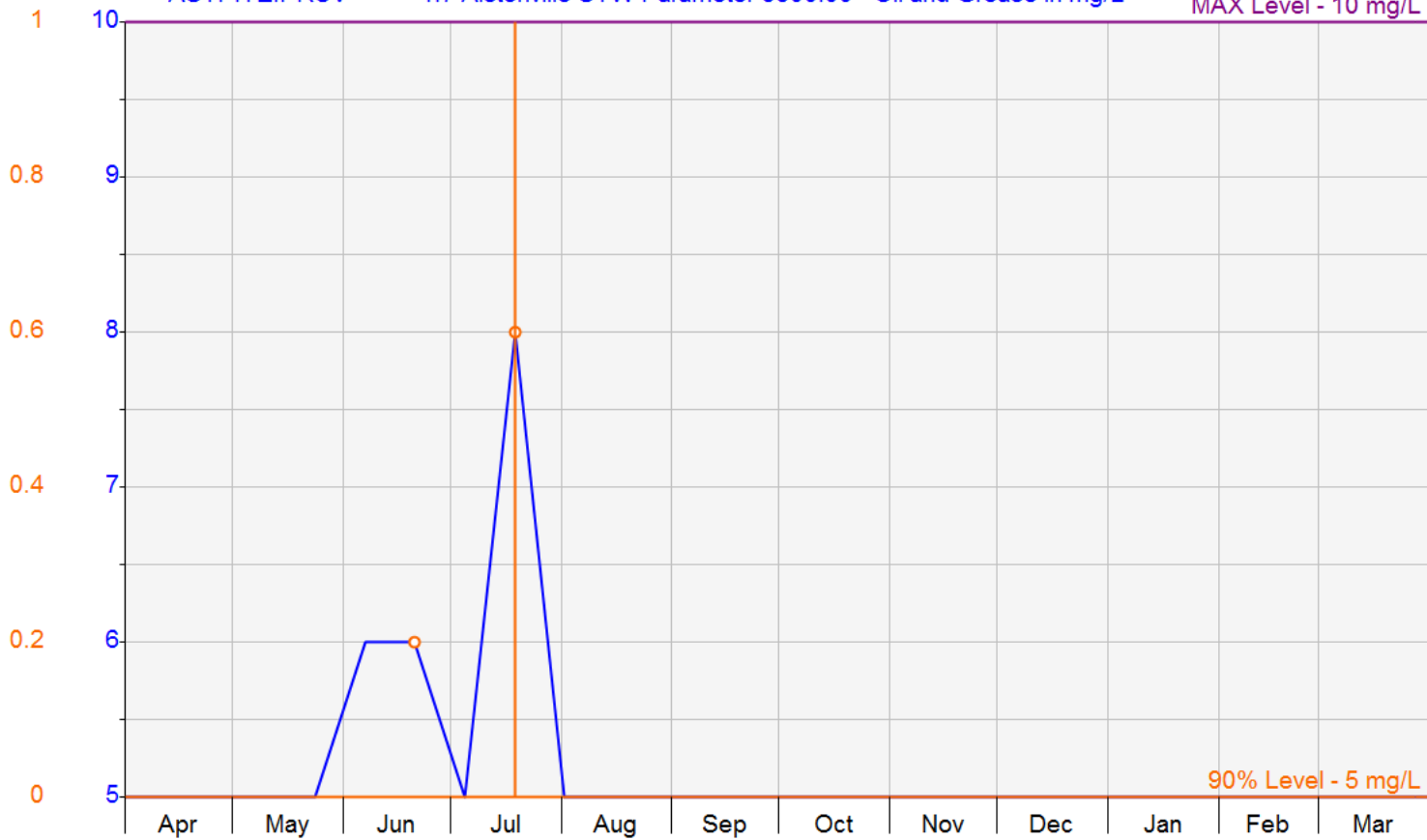
01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

— ASTP.TE.PRVV - 1.7 Alstonville STW Parameter 5500.00 - Oil and Grease in mg/L

MAX Level - 10 mg/L



# Ballina Shire Council

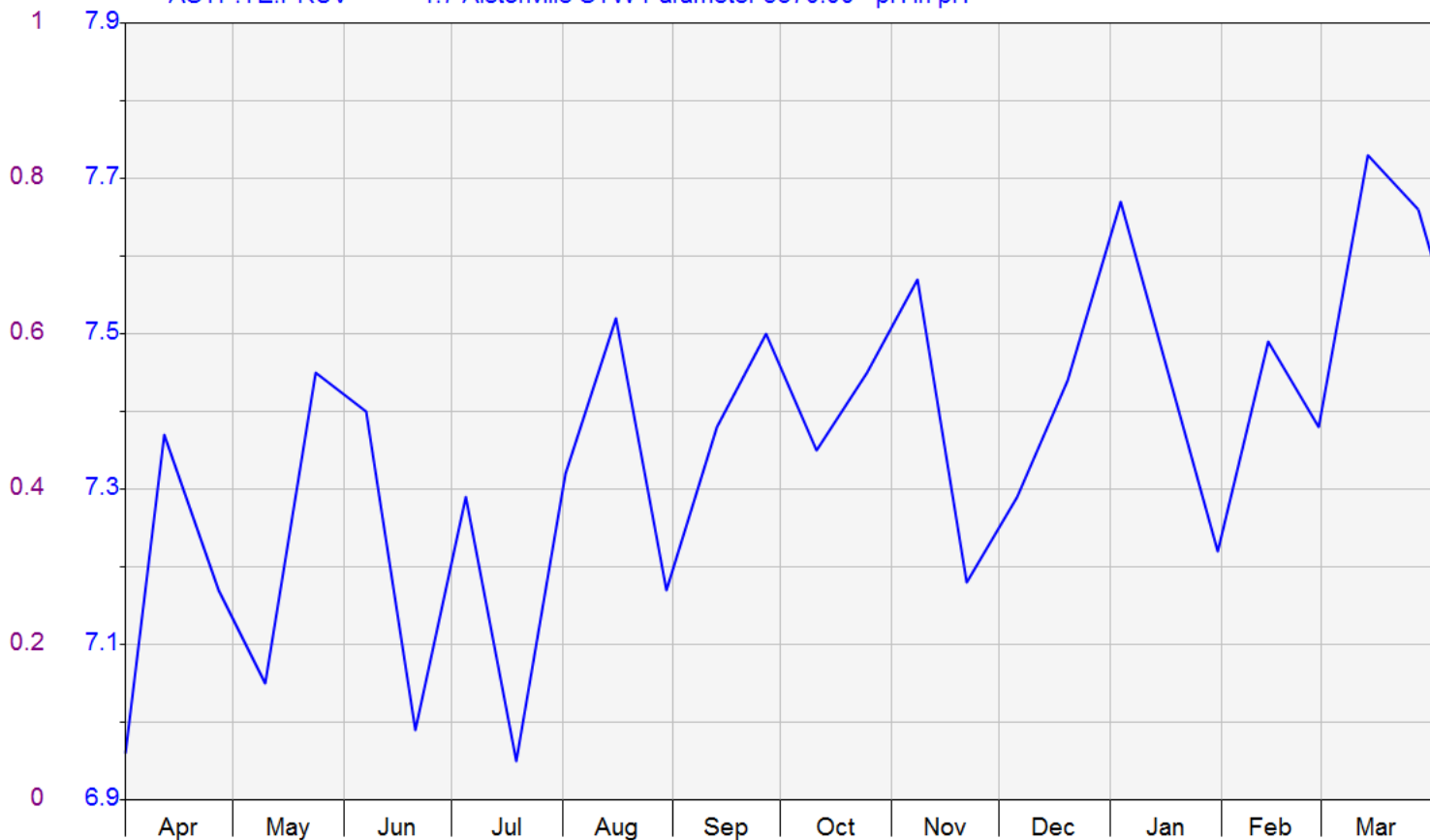
HYPLOT V134 Output 09/05/2023

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

— ASTP.TE.PRVV - 1.7 Alstonville STW Parameter 5670.00 - pH in pH



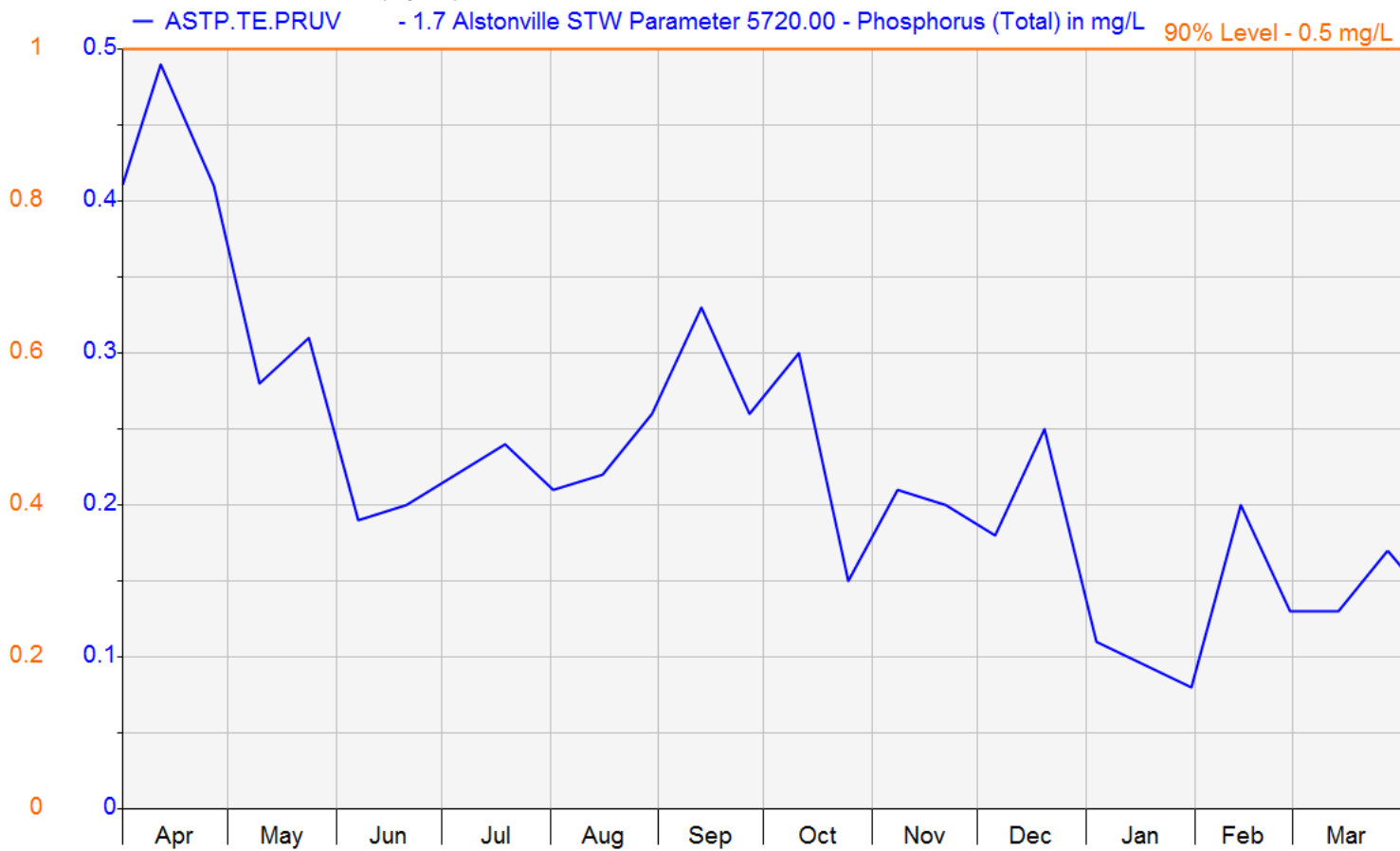
# Ballina Shire Council

HYPLOT V134 Output 09/05/2023

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)



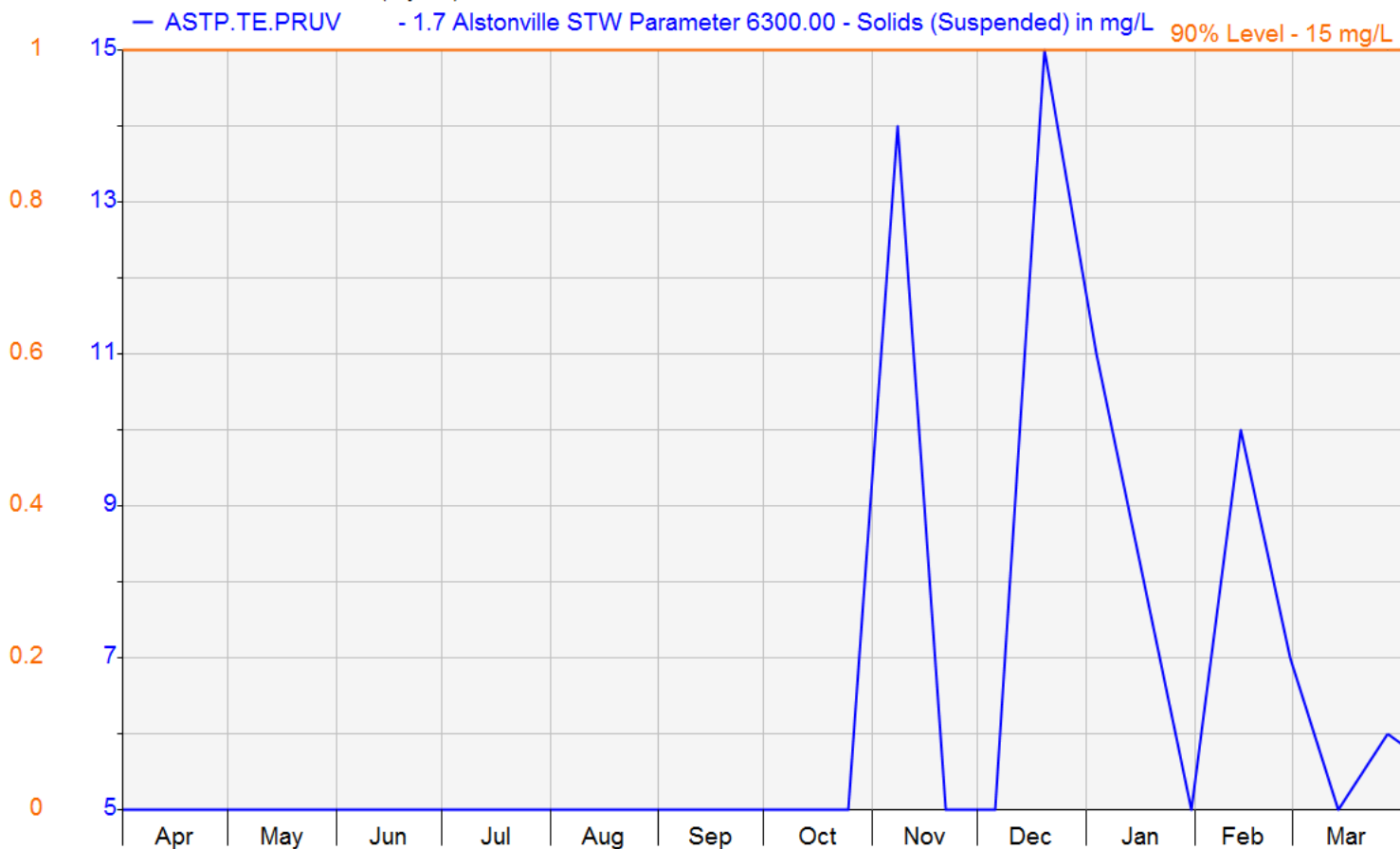
# Ballina Shire Council

HYPLOT V134 Output 09/05/2023

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)



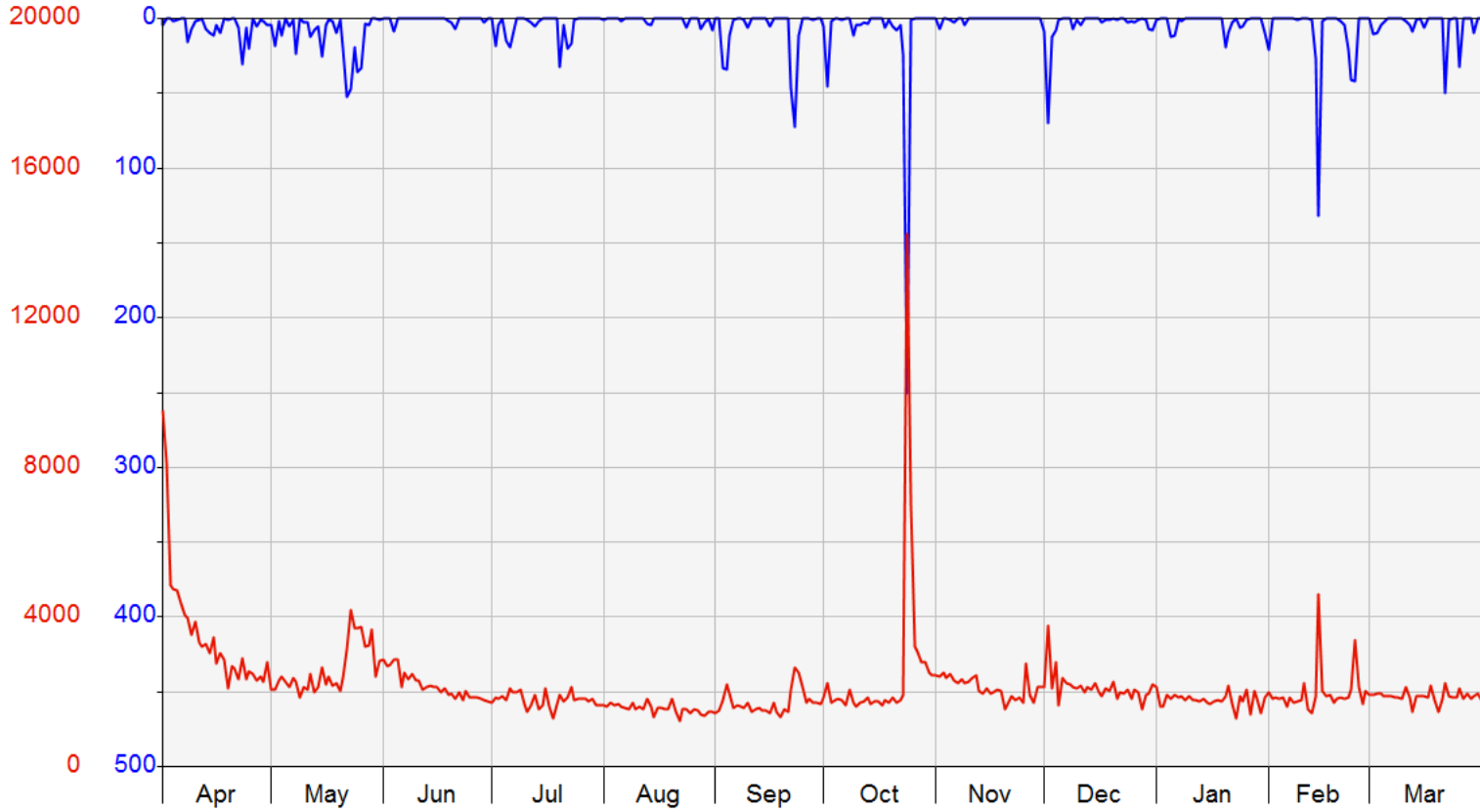
# Ballina Shire Council

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

- ASTP.PR.IN - 1.0 Alstonville STW Parameter 9.00 - Rainfall in Points
- ASTP.PR.IN - 1.0 Alstonville STW Parameter 147.00 - Flow in kl/d



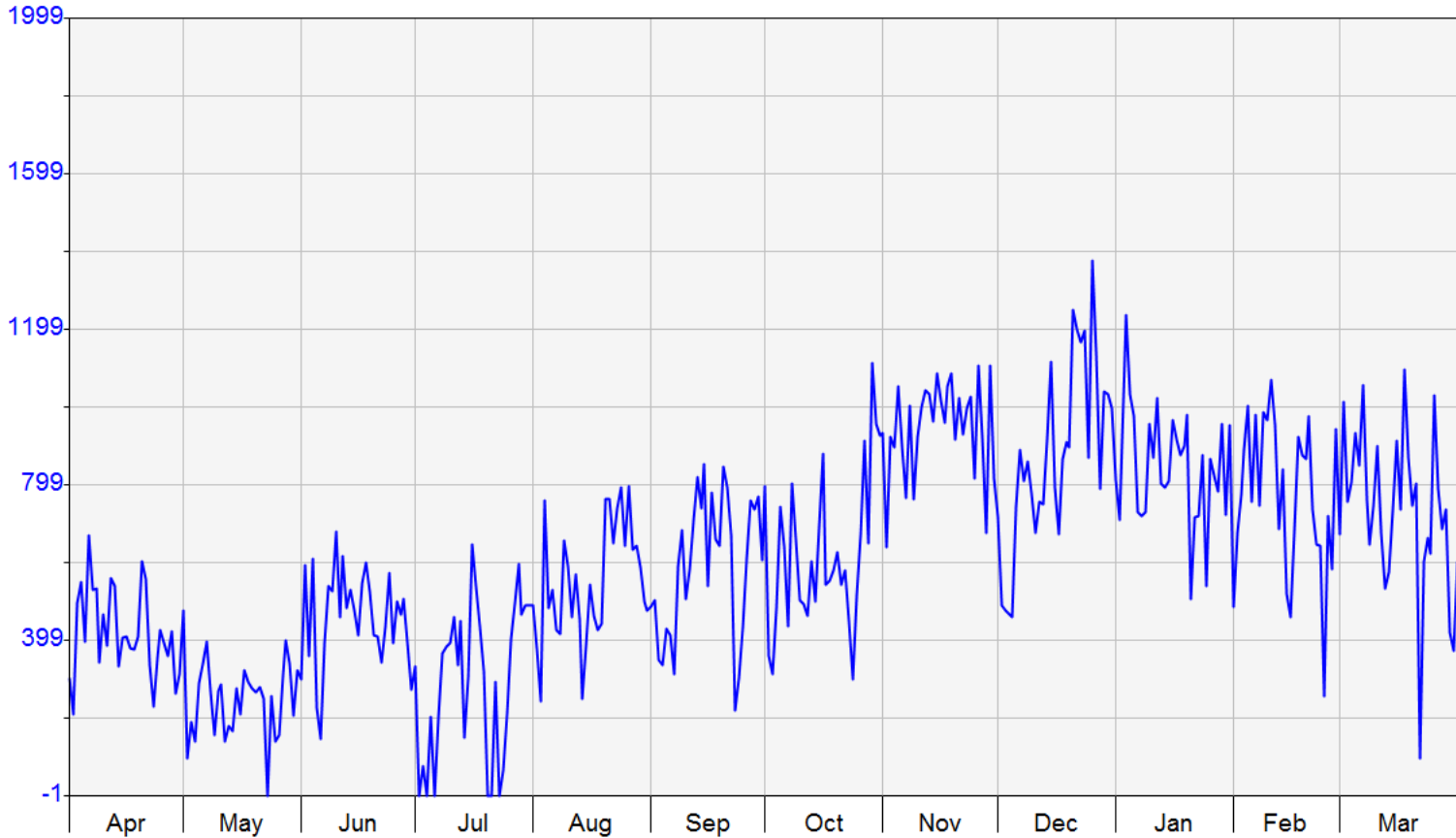
# Ballina Shire Council

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

- ASTP.TE.RE - Reuse Alstonville WW Parameter 147.00 - Flow in kl/d



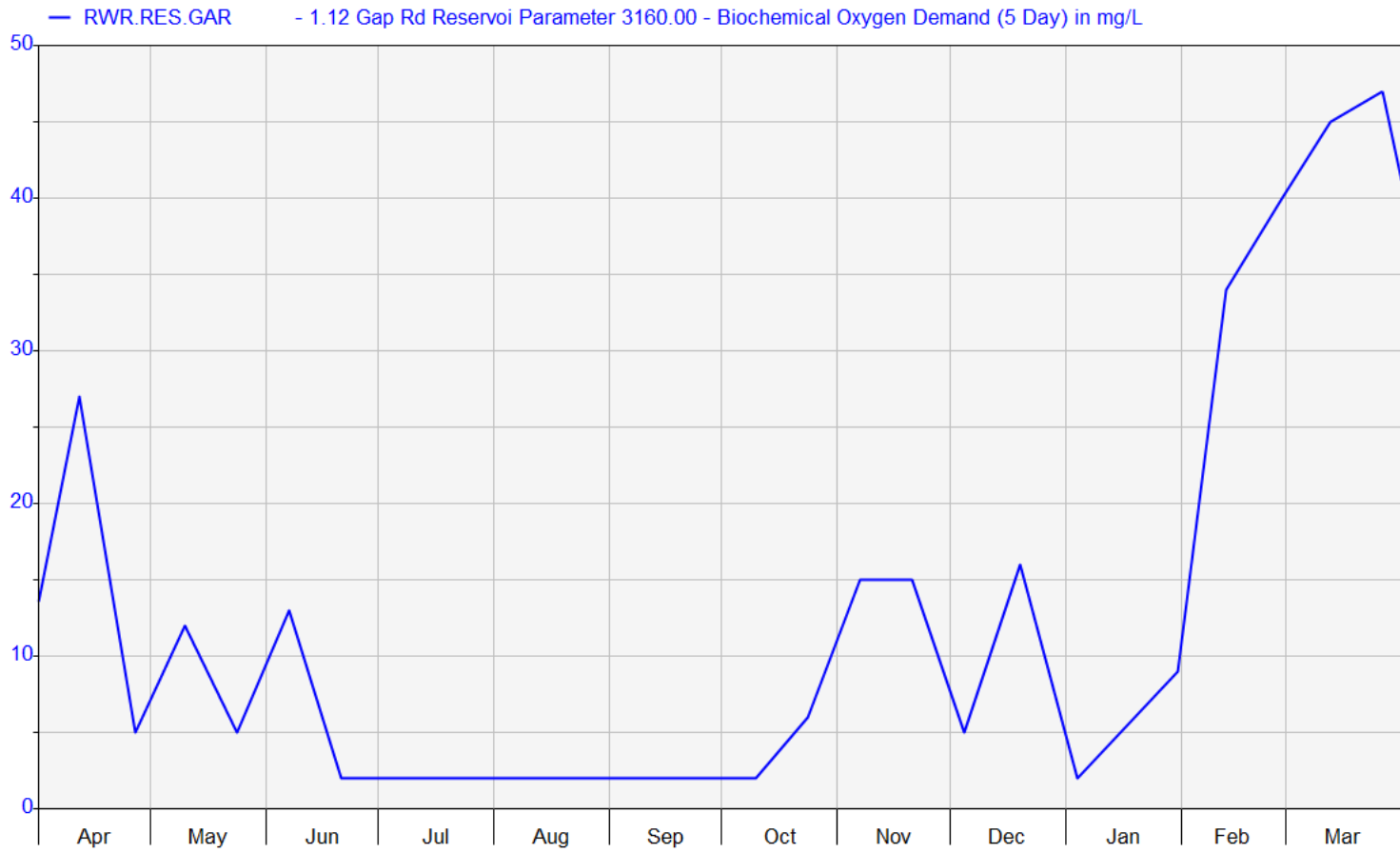
# Ballina Shire Council

HYPLOT V134 Output 09/05/2023

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)



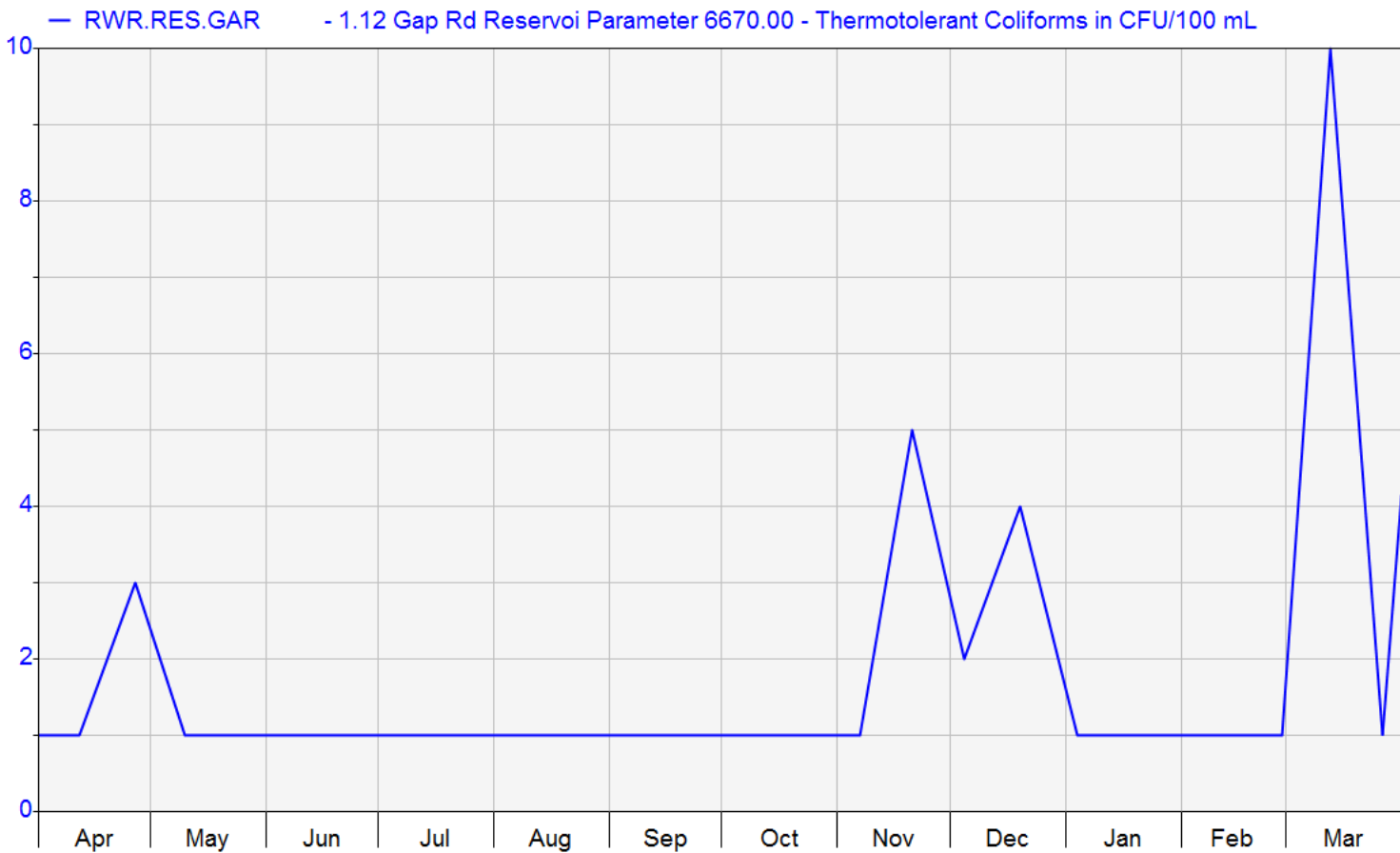
# Ballina Shire Council

HYPLOT V134 Output 09/05/2023

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)



# Ballina Shire Council

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

— RWR.RES.GAR - 1.12 Gap Rd Reservoir Parameter 5400.00 - Nitrogen (Total) in mg/L



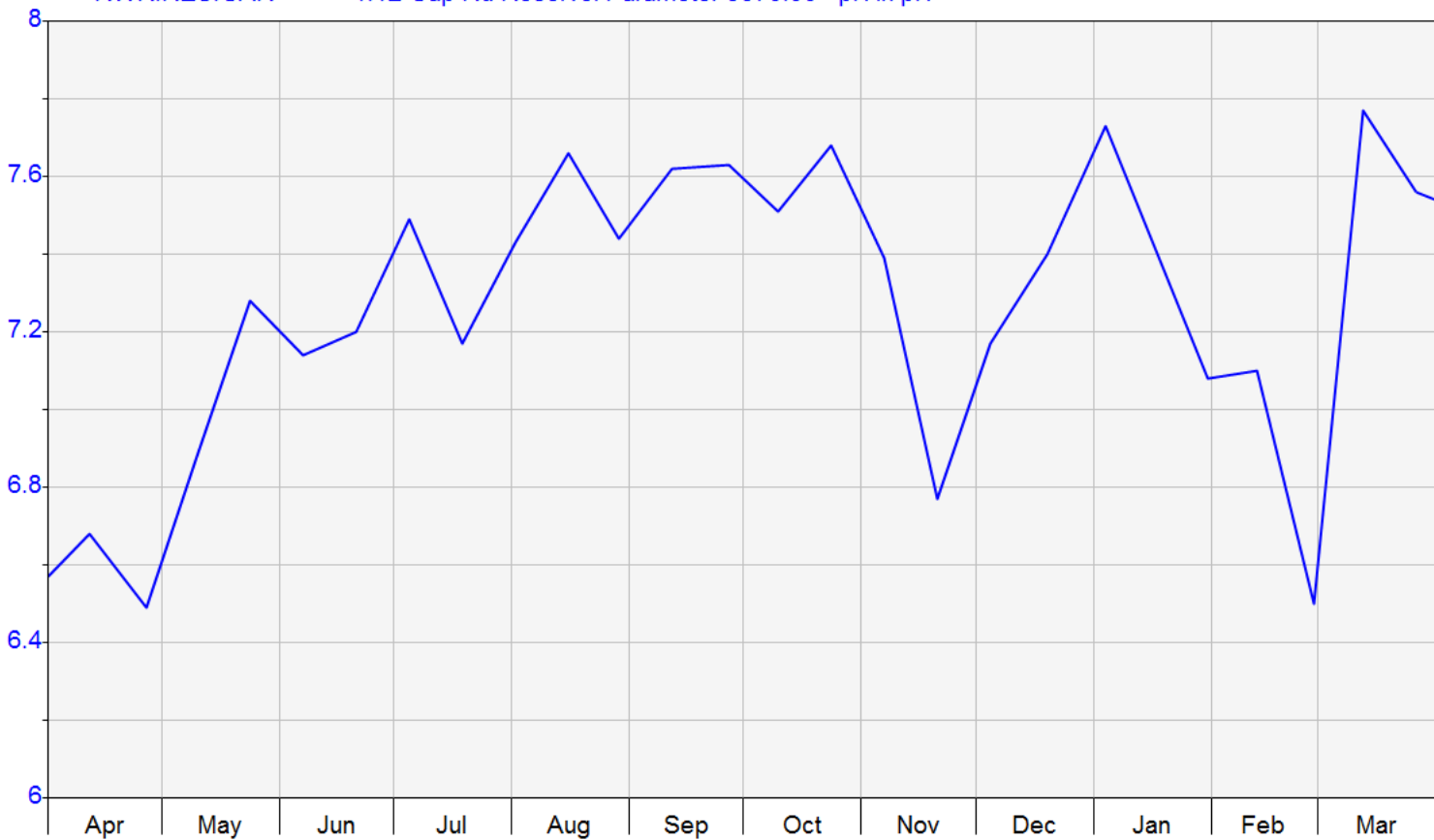
# Ballina Shire Council

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

— RWR.RES.GAR - 1.12 Gap Rd Reservoir Parameter 5670.00 - pH in pH



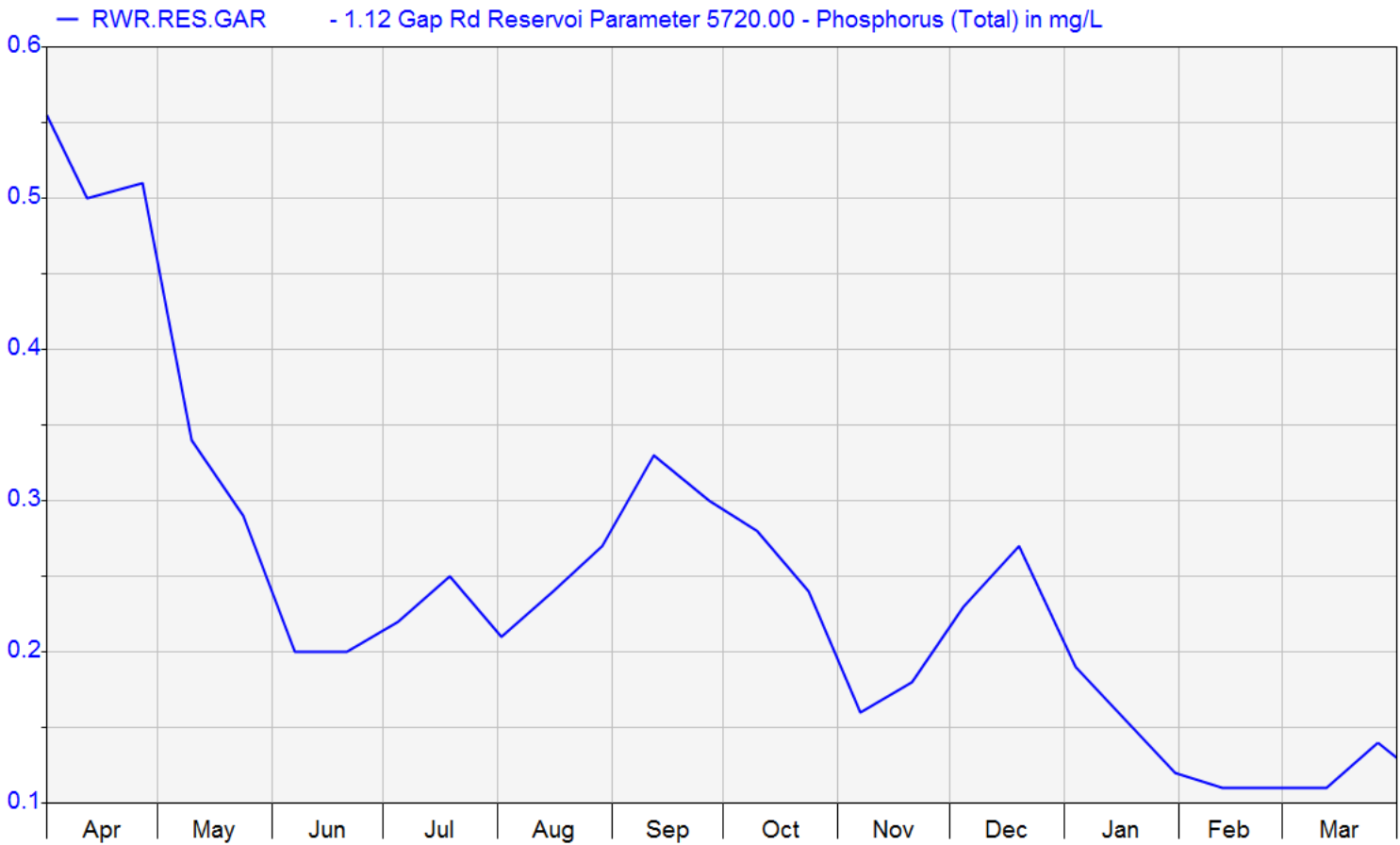


# Ballina Shire Council

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

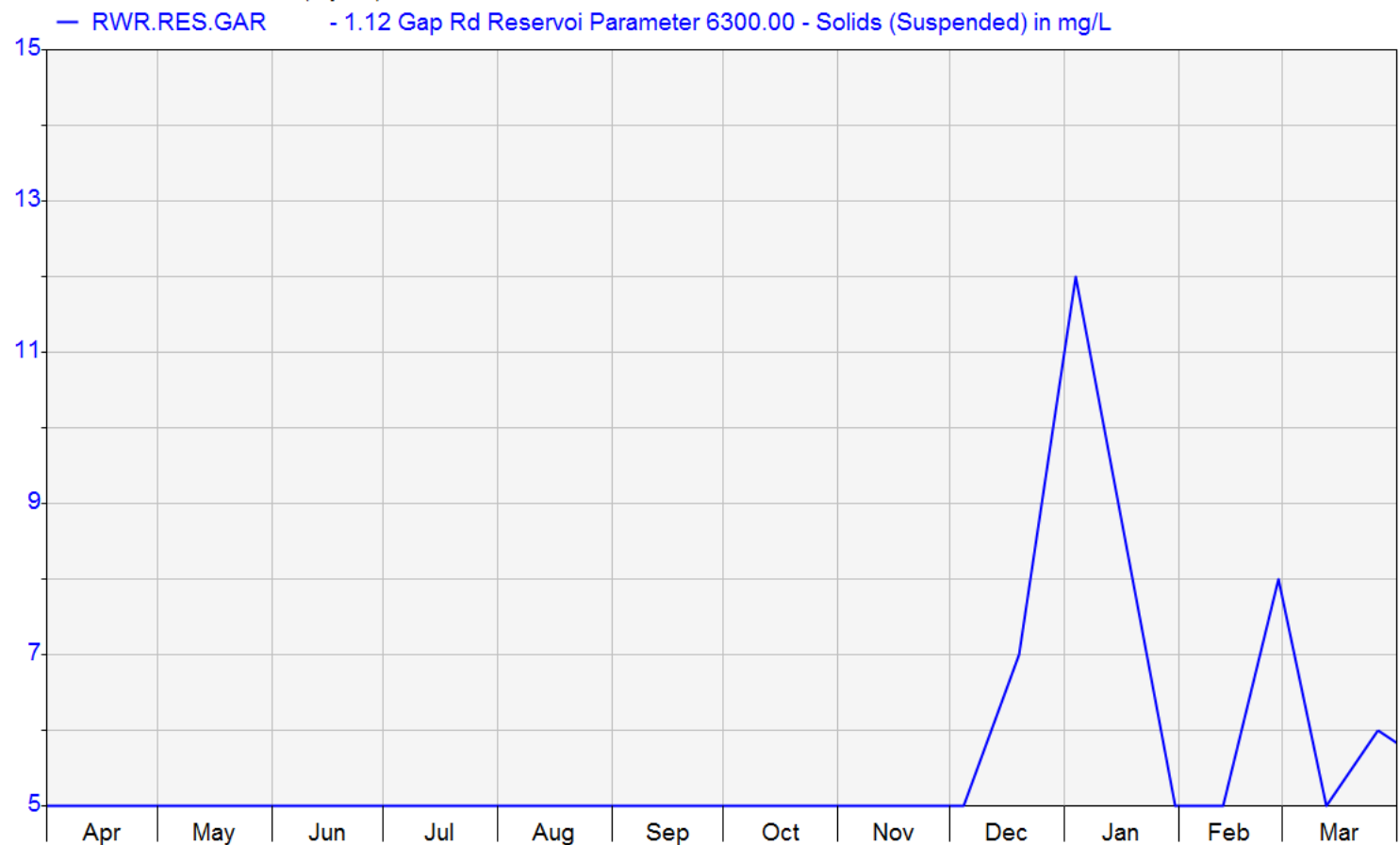


# Ballina Shire Council

01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)



01/04/2022 to 01/04/2023

2022-23

Previous Four Quarters (1 year)

ASTP.PR.IN - 1.0 Alstonville STW Parameter 9.00 - Rainfall in Points

