

Water Quality Samples Summary Report

Updated 2022/05/25 09:02:46

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: 01/04/2021
 Date Range To: 01/04/2022

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	261	1772.471	1417	3483	7254	646952
1: Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly	mg/l	12	-	10	20	25	2	3.800	3	6.2	9	-
1: Effluent Quality	Thermotolerant Coliforms	monthly	count/100 ml	12	-	200	600	24	0.5	1.271	0.5	3.4	8	-
1: Effluent Quality	Nitrogen (Total)	monthly	mg/l	12	-	10	20	25	1.7	3.896	3.7	5.2	13.1	-
1: Effluent Quality	Oil and Grease	monthly	mg/l	12	-	5	10	25	2.5	2.640	2.5	2.5	6	-
1: Effluent Quality	pH	monthly	pH	12	6.5	-	8.5	25	6.85	7.441	7.56	7.784	7.87	-
1: Effluent Quality	Phosphorus (Total)	monthly	mg/l	12	-	0.5	1	25	0.12	0.337	0.32	0.476	0.68	-
1: Effluent Quality	Solids (Suspended)	monthly	mg/l	12	-	15	30	25	2.5	2.500	2.5	2.5	2.5	-
2: Total Volume (Inflow)	Flow	daily	kl/day	365	-	-	-	365	986	2355.236	1786	3958.2	19987	859661
3: Irrigation Reuse	Flow	daily	kl/day	365	-	-	-	365	0	529.989	600	796	956	193446
4: Irrigation Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly	mg/l	12	-	-	-	25	1	6.280	5	14.6	21	-
4: Irrigation Effluent Quality	Thermotolerant Coliforms	monthly	count/100 ml	12	-	-	-	25	0.5	1.580	0.5	2.2	14	-
4: Irrigation Effluent Quality	Nitrogen (Total)	monthly	mg/l	12	-	-	-	25	1.9	3.820	3.5	4.92	10.6	-
4: Irrigation Effluent Quality	pH	monthly	pH	12	-	-	-	25	6.54	7.442	7.46	7.802	7.97	-
4: Irrigation Effluent Quality	Phosphorus (Total)	monthly	mg/l	12	-	-	-	25	0.16	0.359	0.34	0.57	0.67	-
4: Irrigation Effluent Quality	Solids (Suspended)	monthly	mg/l	12	-	-	-	25	2.5	3.900	2.5	5	28	-
5: Rainfall	Rainfall	daily	pt	365	-	-	-	365	0	9.107	0	18	333	3324

Ballina Shire Council

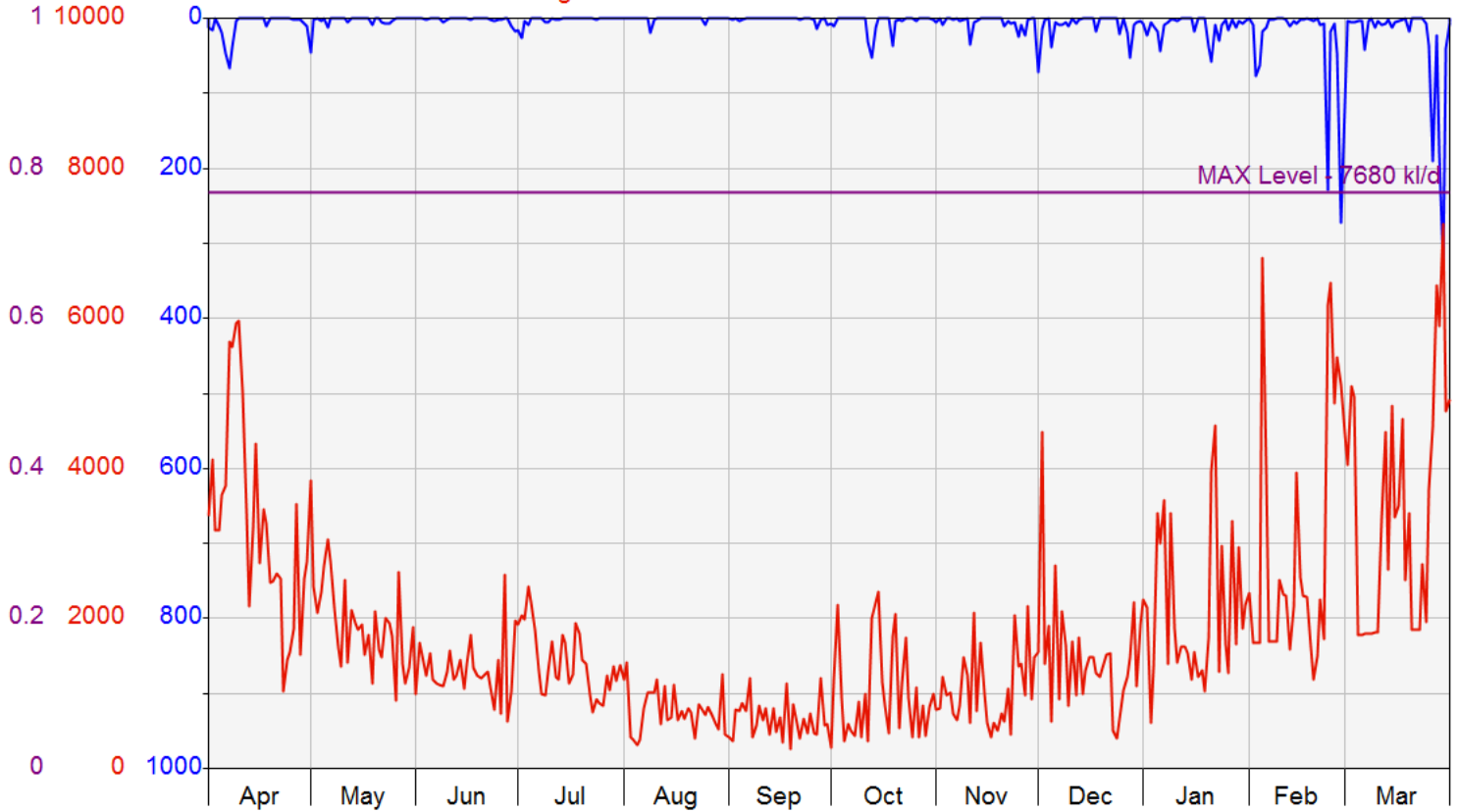
HYPLOT V134 Output 25/05/2022

01/04/2021 to 01/04/2022

2021-22

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



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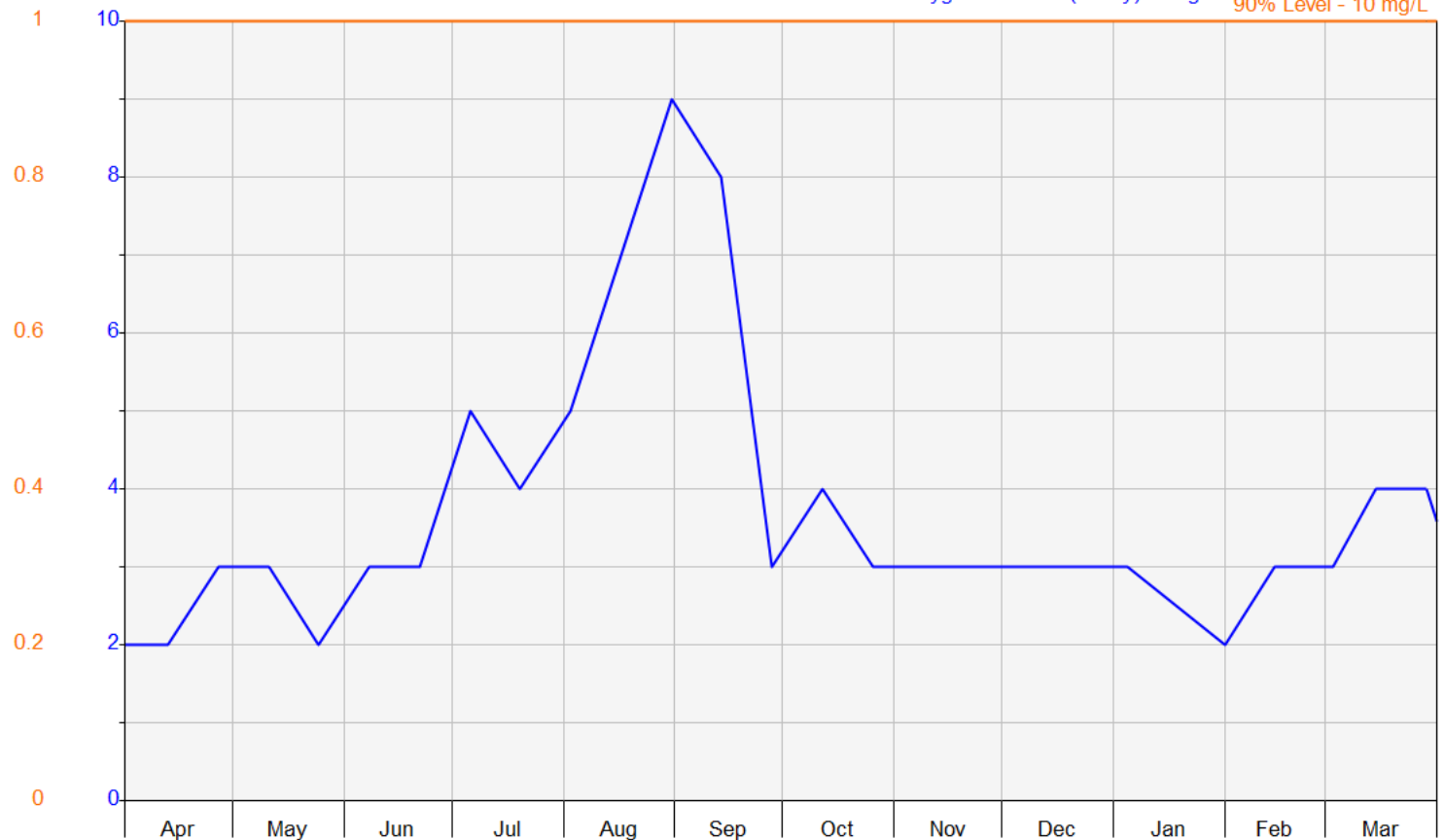
HYPLOT V134 Output 25/05/2022

01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)

— ASTP.TE.PRVV - 1.7 Alstonville STW Parameter 3160.00 - Biochemical Oxygen Demand (5 Day) in mg/L 90% Level - 10 mg/L



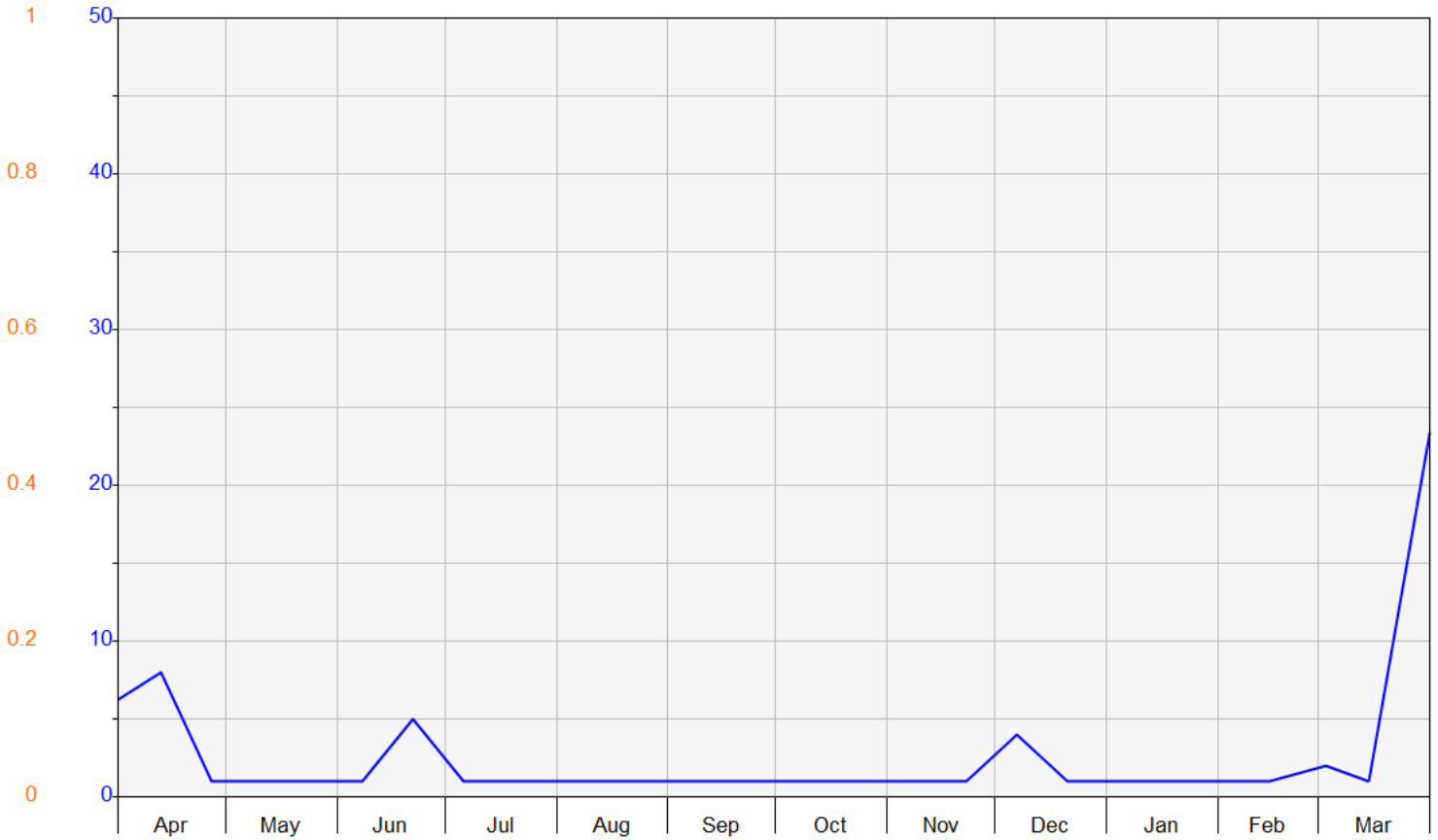
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01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)

— ASTP.TE.POUV - 1.7 Alstonville STW Parameter 6670.00 - Thermotolerant Coliforms in CFU/100 mL



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01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)

— ASTP.TE.PRVU - 1.7 Alstonville STW Parameter 5400.00 - Nitrogen (Total) in mg/L

MAX Level - 20 mg/L



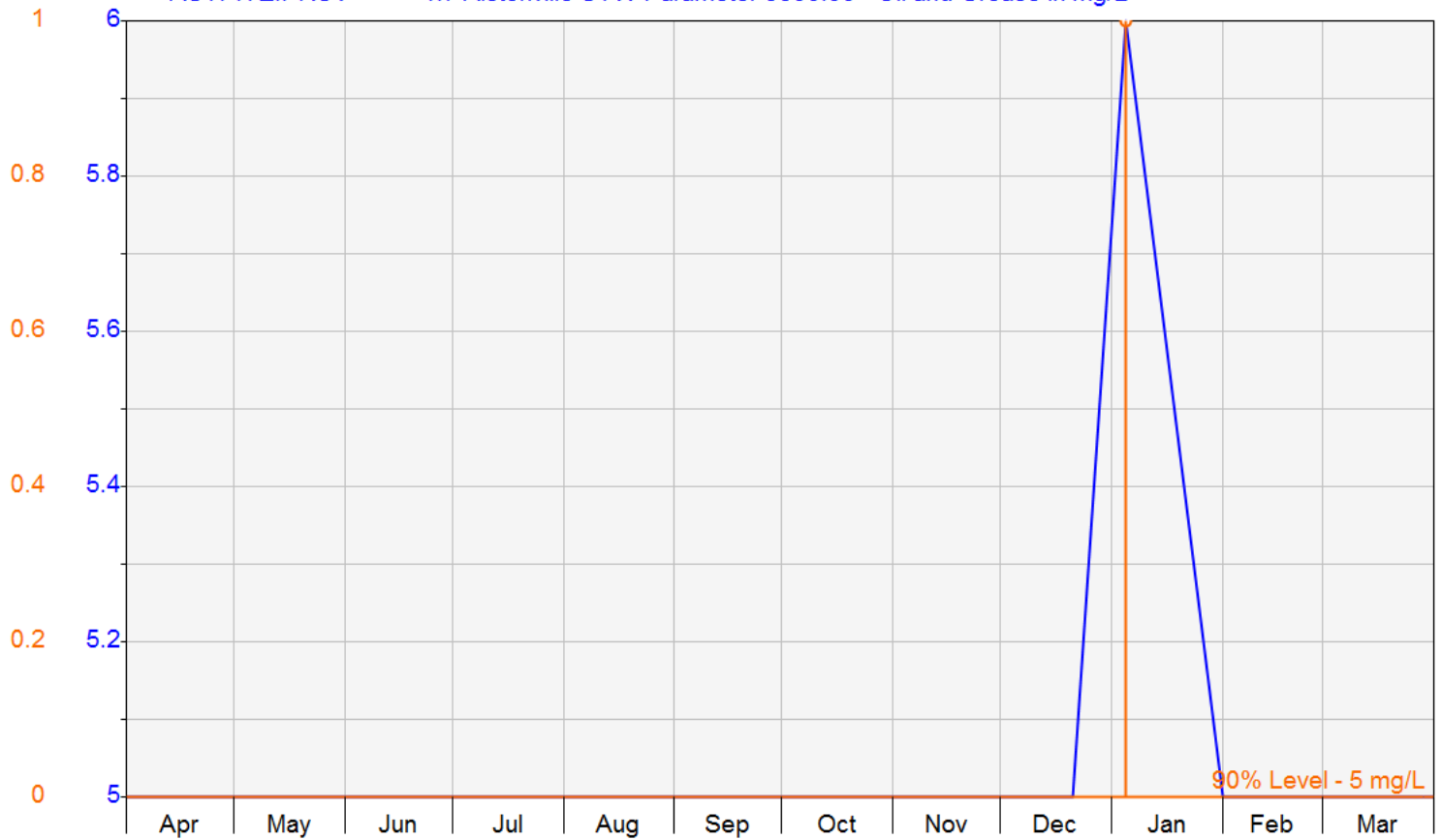
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01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)

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



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01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)

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



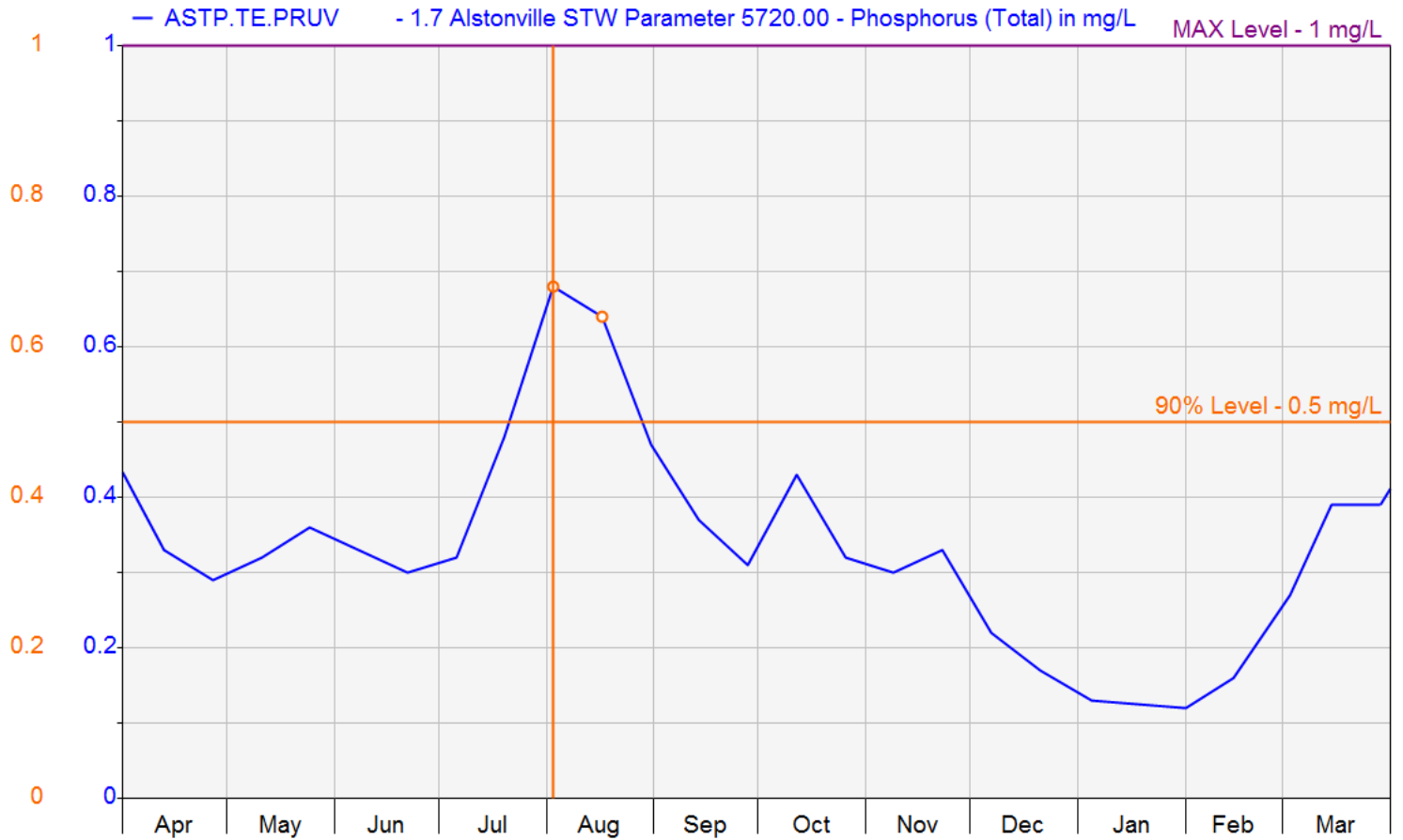
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01/04/2021 to 01/04/2022

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Previous Four Quarters (1 year)



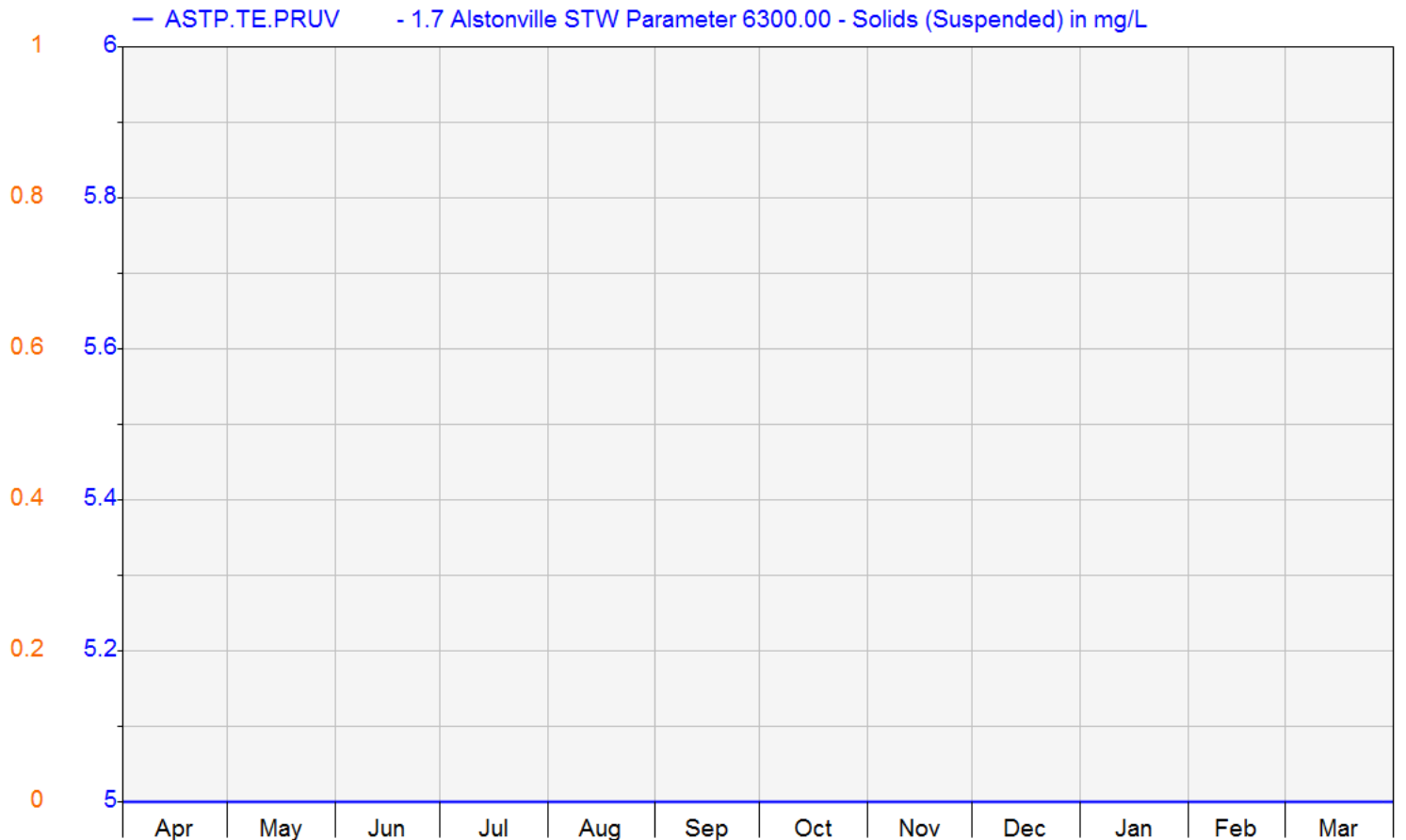
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01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)



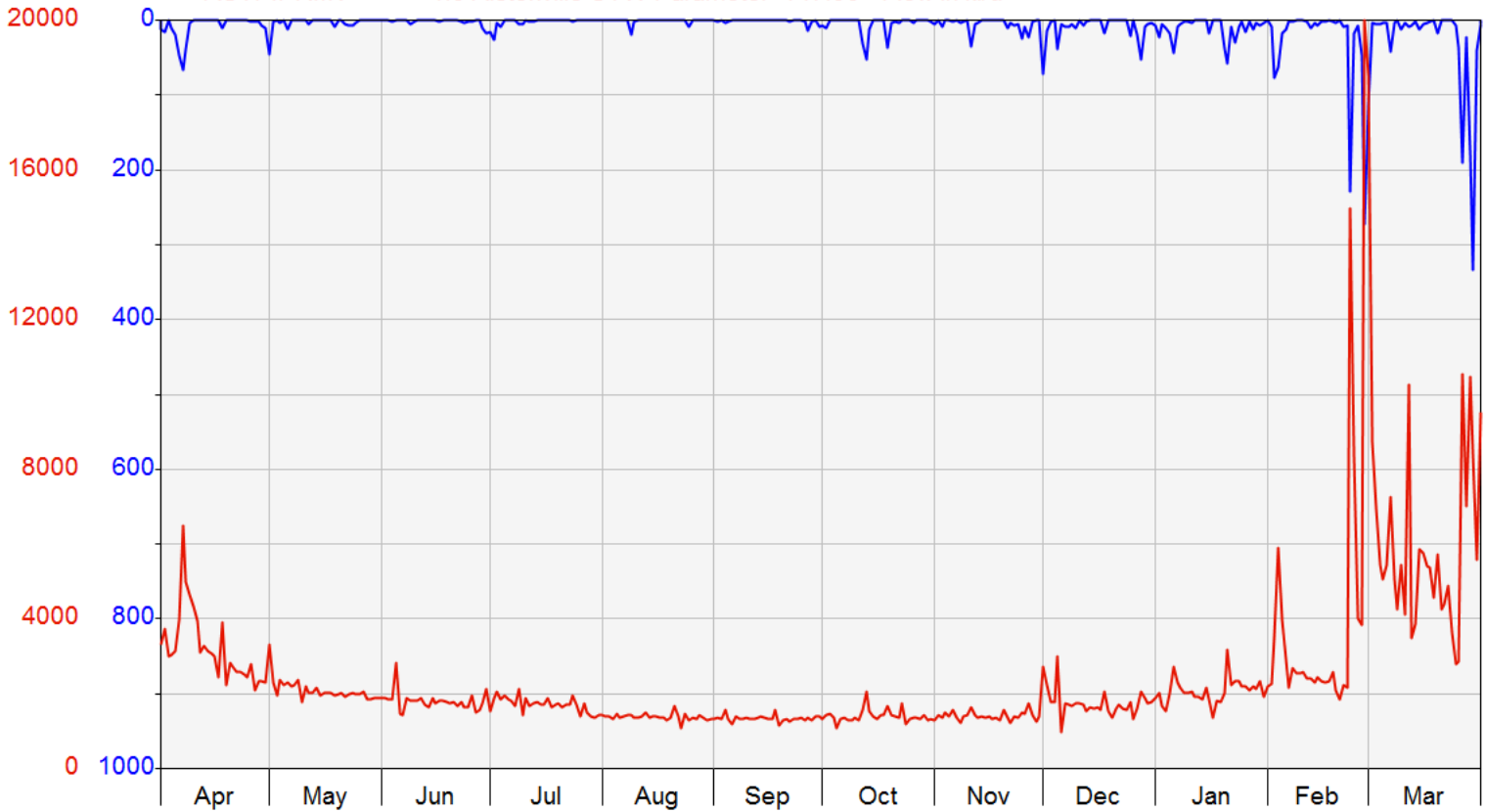
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01/04/2021 to 01/04/2022

2021-22

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



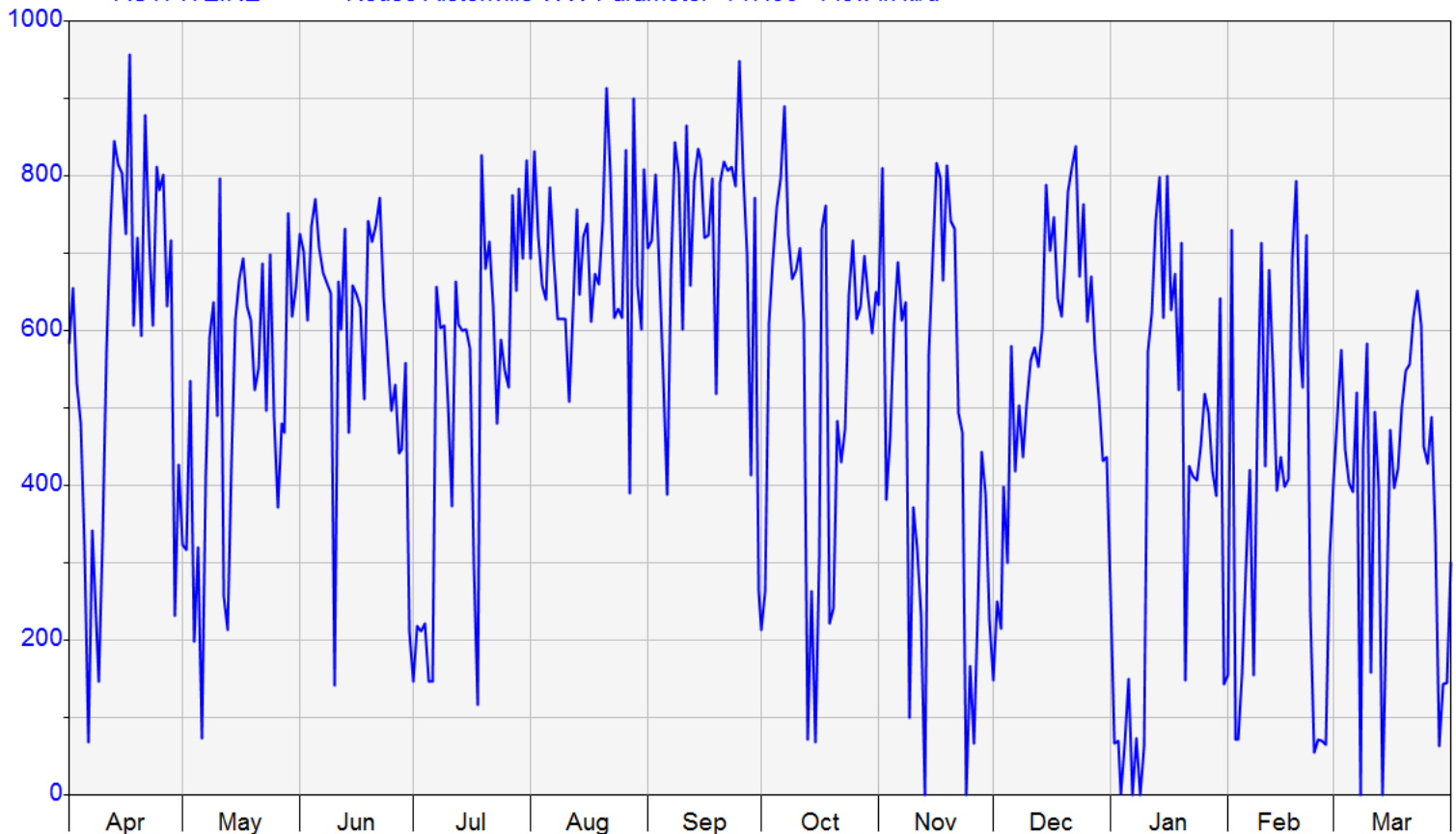
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01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)

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



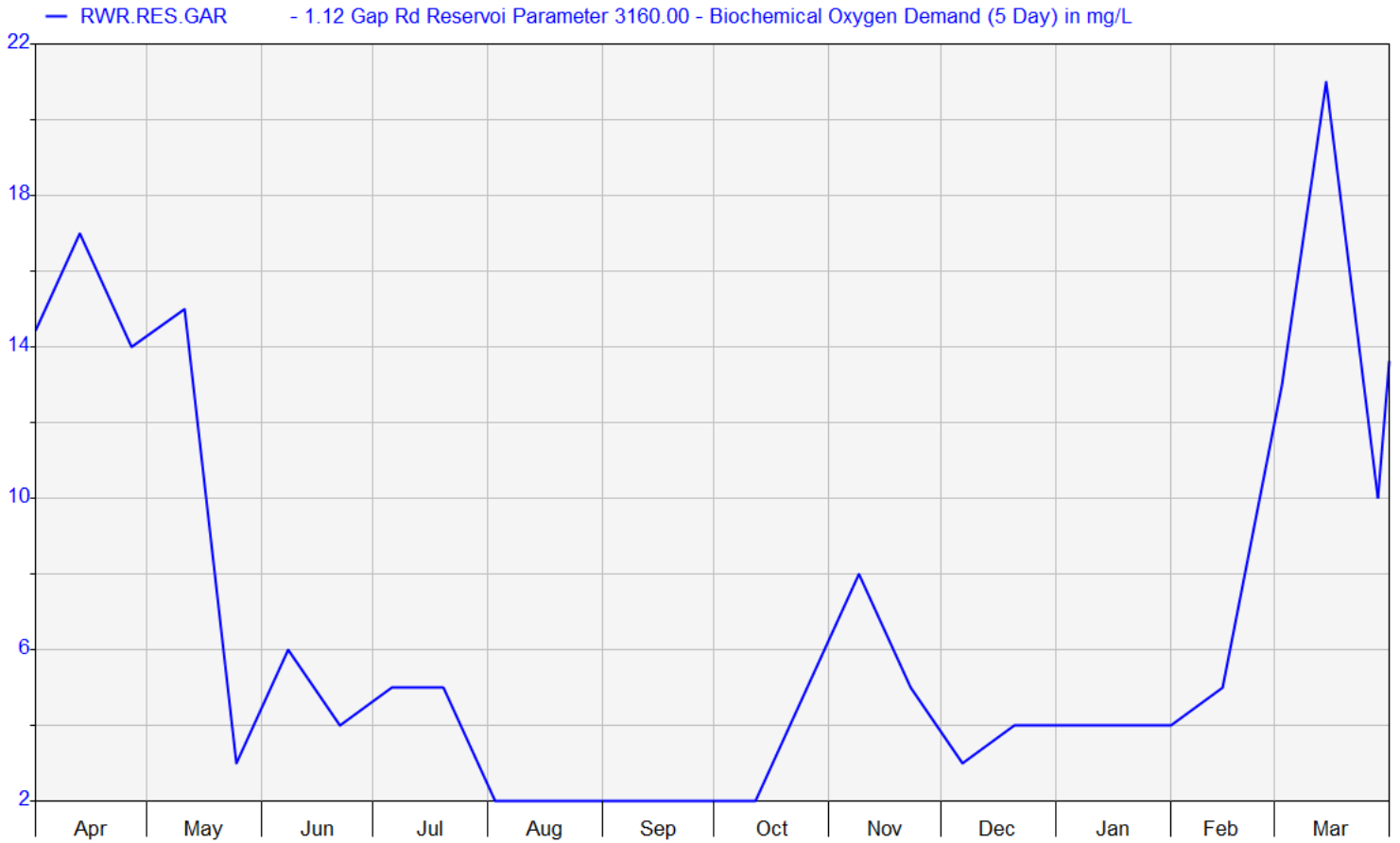
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HYPLOT V134 Output 25/05/2022

01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)



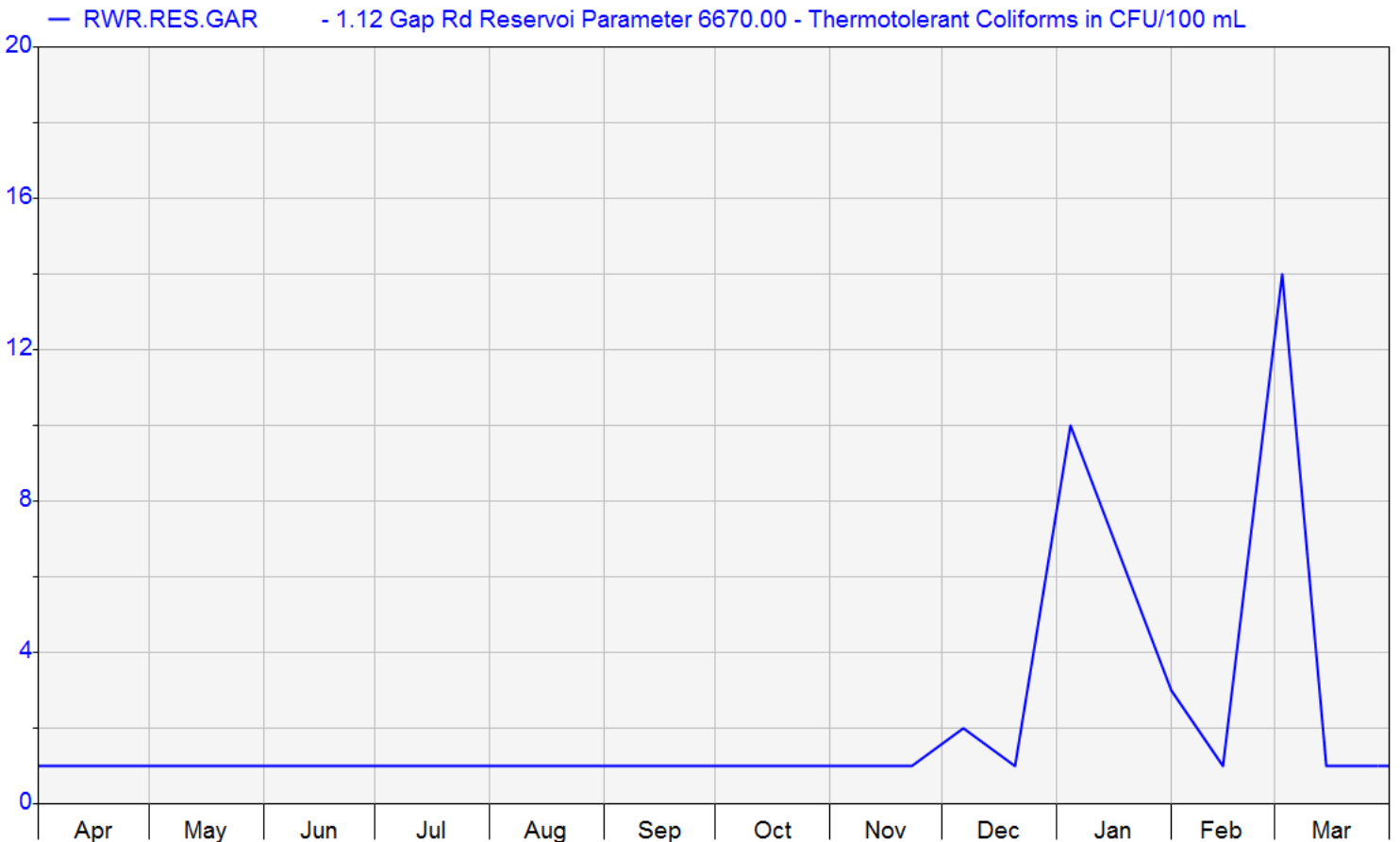
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HYPLOT V134 Output 25/05/2022

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2021-22

Previous Four Quarters (1 year)



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HYPLOT V134 Output 25/05/2022

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2021-22

Previous Four Quarters (1 year)

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



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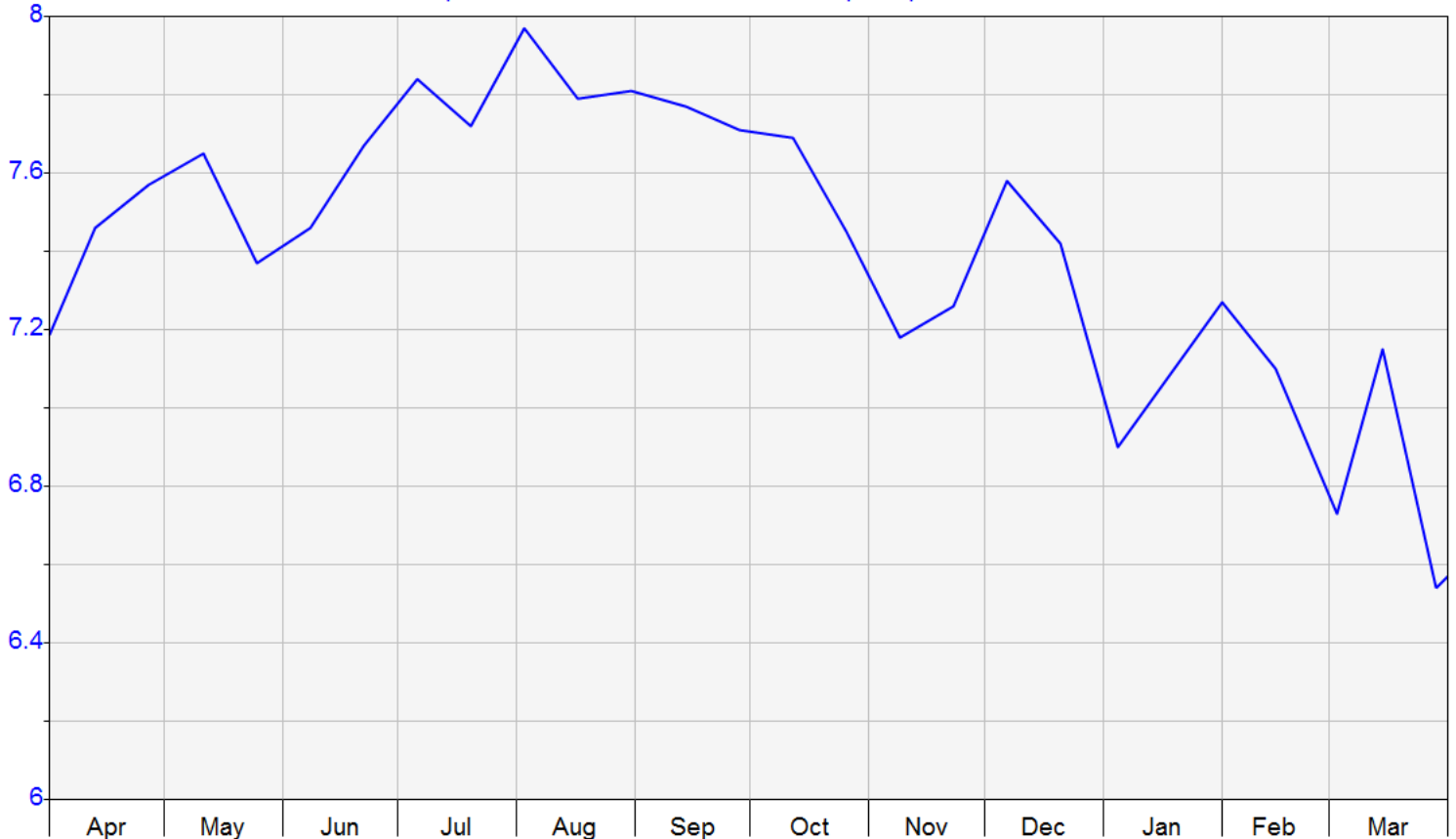
HYPLOT V134 Output 25/05/2022

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2021-22

Previous Four Quarters (1 year)

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



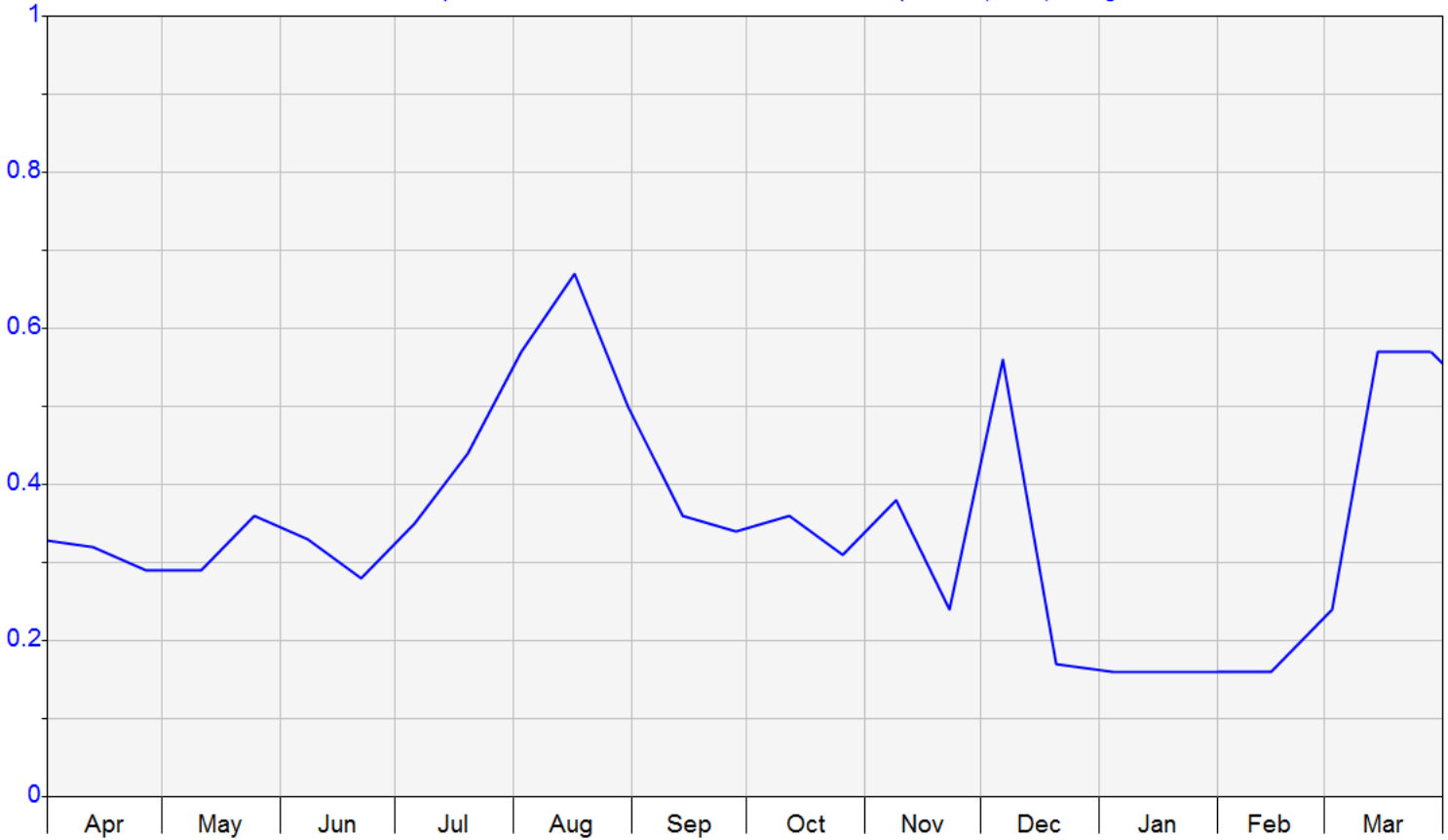
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01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)

— RWR.RES.GAR - 1.12 Gap Rd Reservoir Parameter 5720.00 - Phosphorus (Total) in mg/L



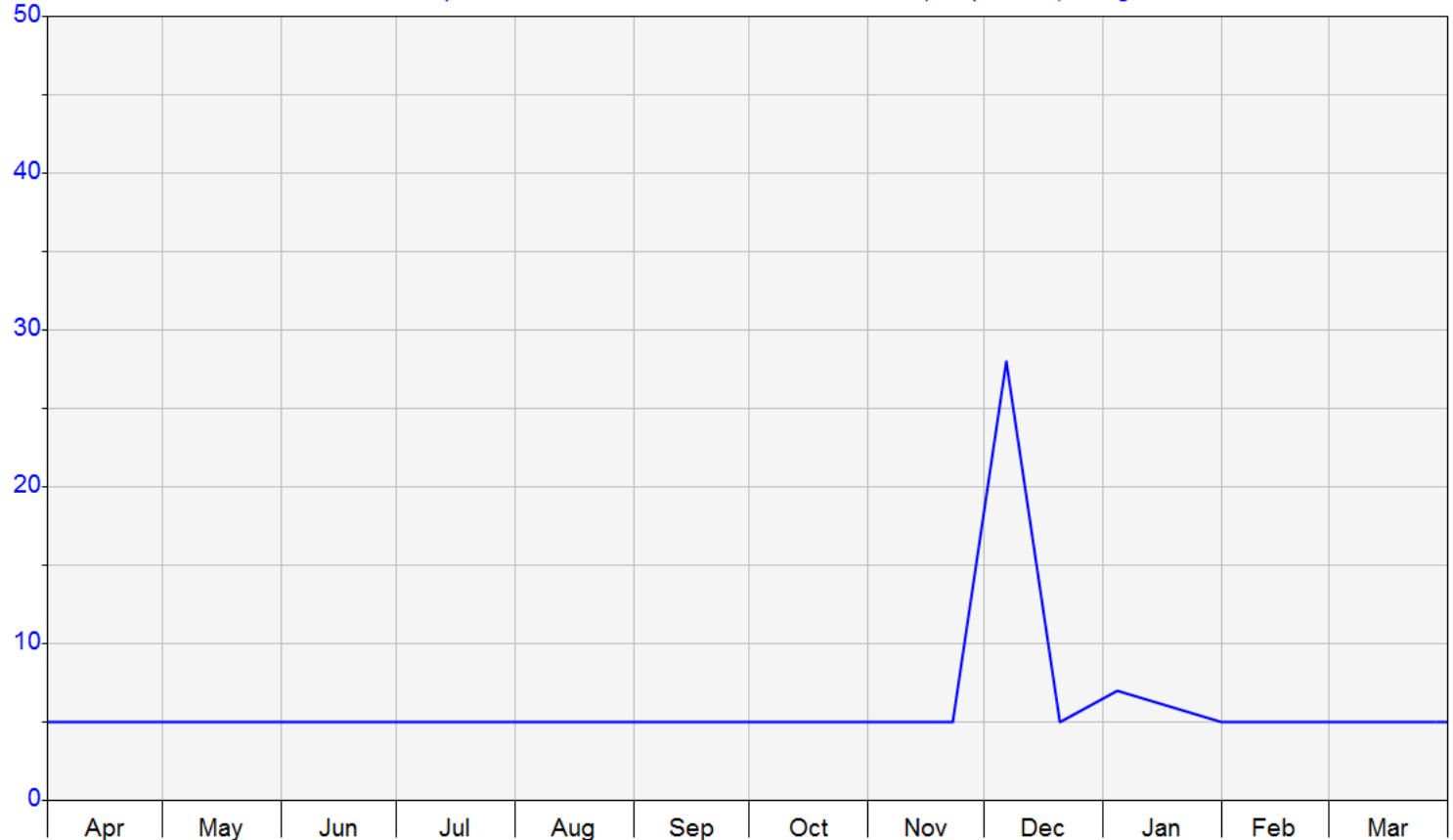
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01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)

— RWR.RES.GAR - 1.12 Gap Rd Reservoir Parameter 6300.00 - Solids (Suspended) in mg/L



01/04/2021 to 01/04/2022

2021-22

Previous Four Quarters (1 year)

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

