

Water Quality Samples Summary Report

Updated 2021/11/09 12:36:45

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: Current Licence Year (Actually Since April)
 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	kilolitres per day	365	-	-	7680	222	261	1460.725	1183.5	2699.7	5968	324281
1: Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly	milligrams per litre	12	-	10	20	15	2	4.267	3	7.6	9	-
1: Effluent Quality	Thermotolerant Coliforms	monthly	per 100 millilitres	12	-	200	600	15	0.5	1.333	0.5	3.4	8	-
1: Effluent Quality	Nitrogen (Total)	monthly	milligrams per litre	12	-	10	20	15	1.7	3.787	3.8	5.2	5.4	-
1: Effluent Quality	Oil and Grease	monthly	milligrams per litre	12	-	5	10	15	2.5	2.500	2.5	2.5	2.5	-
1: Effluent Quality	pH	monthly	pH	12	6.5	-	8.5	15	7.16	7.630	7.67	7.8	7.87	-
1: Effluent Quality	Phosphorus (Total)	monthly	milligrams per litre	12	-	0.5	1	15	0.29	0.397	0.33	0.576	0.68	-
1: Effluent Quality	Solids (Suspended)	monthly	milligrams per litre	12	-	15	30	15	2.5	2.500	2.5	2.5	2.5	-
2: Total Volume (Inflow)	Flow	daily	kilolitres per day	365	-	-	-	223	1081	1828.717	1651	2594	6478	407804
3: Irrigation Reuse	Flow	daily	kilolitres per day	365	-	-	-	221	68	597.009	637	807	1845	131939
4: Irrigation Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly during discharge	milligrams per litre	12	-	-	-	15	1	5.333	4	14.6	17	-
4: Irrigation Effluent Quality	Thermotolerant Coliforms	monthly during discharge	per 100 millilitres	12	-	-	-	15	0.5	0.533	0.5	0.5	1	-
4: Irrigation Effluent Quality	Nitrogen (Total)	monthly during discharge	milligrams per litre	12	-	-	-	15	1.9	3.640	3.7	4.76	5	-
4: Irrigation Effluent Quality	pH	monthly during discharge	pH	12	-	-	-	15	7.37	7.662	7.69	7.828	7.97	-
4: Irrigation Effluent Quality	Phosphorus (Total)	monthly during discharge	milligrams per litre	12	-	-	-	15	0.28	0.385	0.35	0.542	0.67	-
4: Irrigation Effluent Quality	Solids (Suspended)	monthly during discharge	milligrams per litre	12	-	-	-	15	2.5	2.500	2.5	2.5	2.5	-
5: Rainfall	Rainfall		points	-	-	-	-	223	0	3.157	0	8.8	66	704

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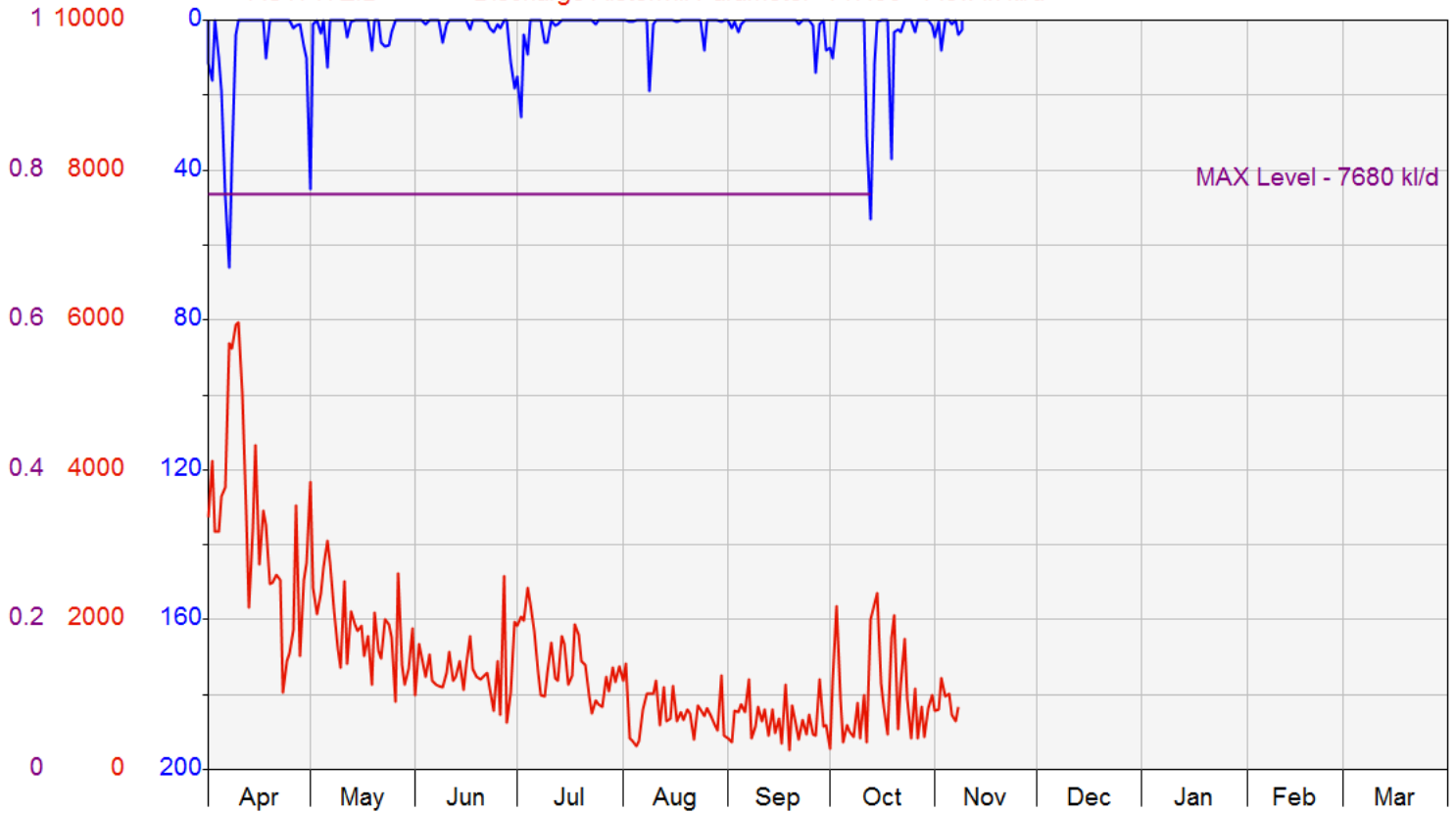
HYPLOT V134 Output 09/11/2021

01/04/2021 to 01/04/2022

2021-22

Current Licence Year (Actually Since Previous April)

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



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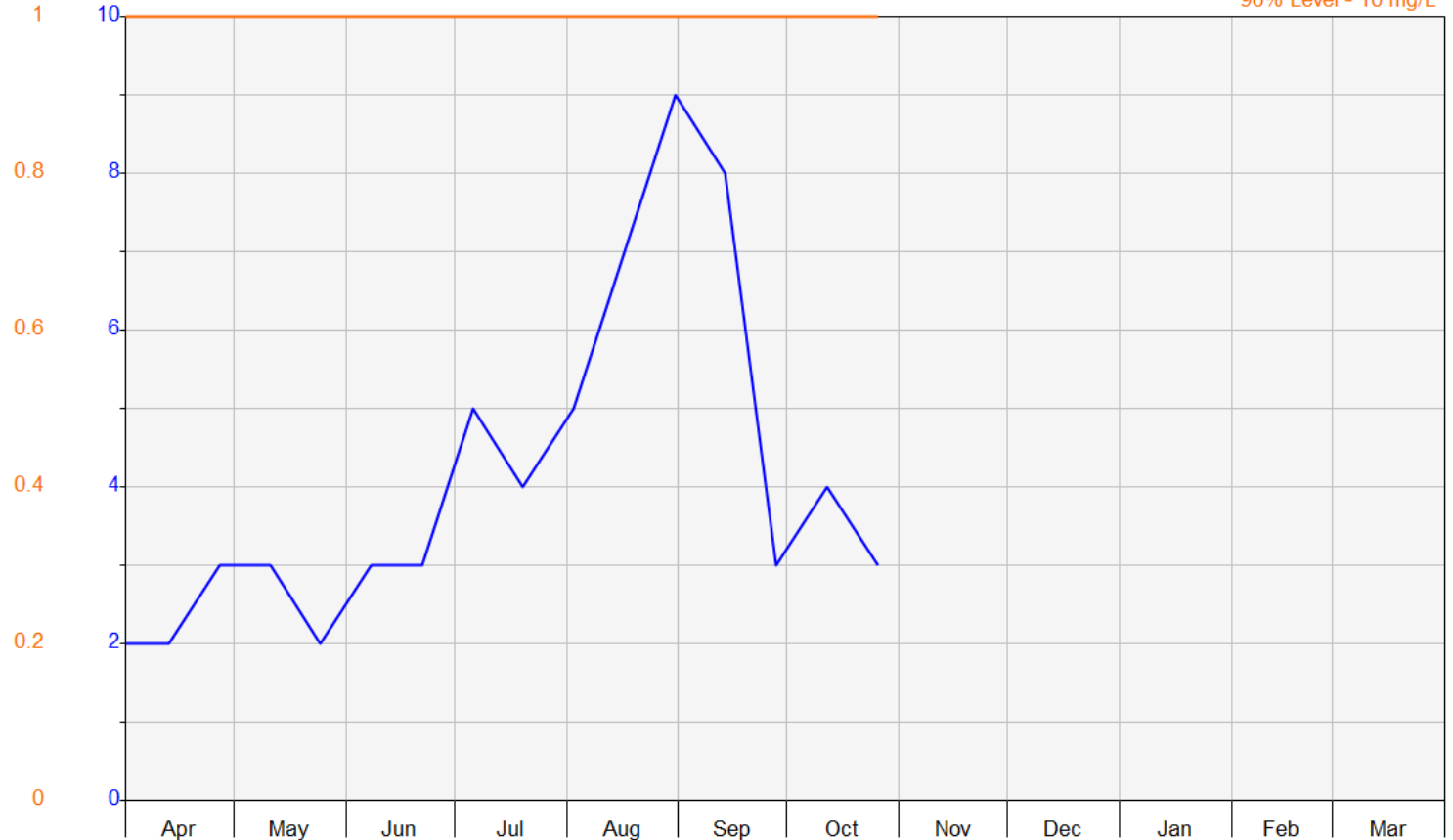
HYPLOT V134 Output 09/11/2021

01/04/2021 to 01/04/2022

2021-22

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



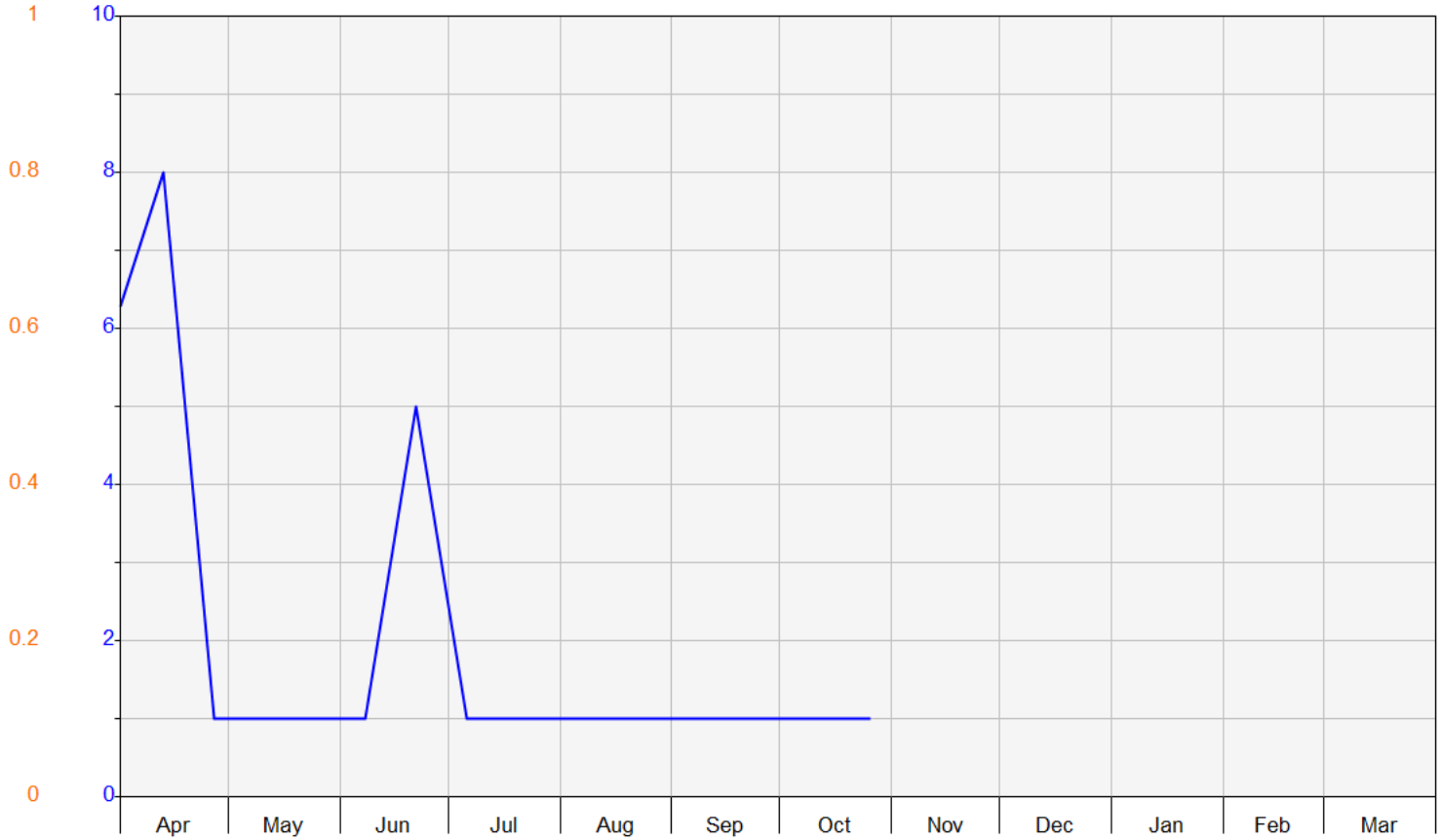
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— ASTP.TE.POUV - 1.7 Alstonville STW Parameter 6670.00 - Thermotolerant Coliforms in CFU/100 mL



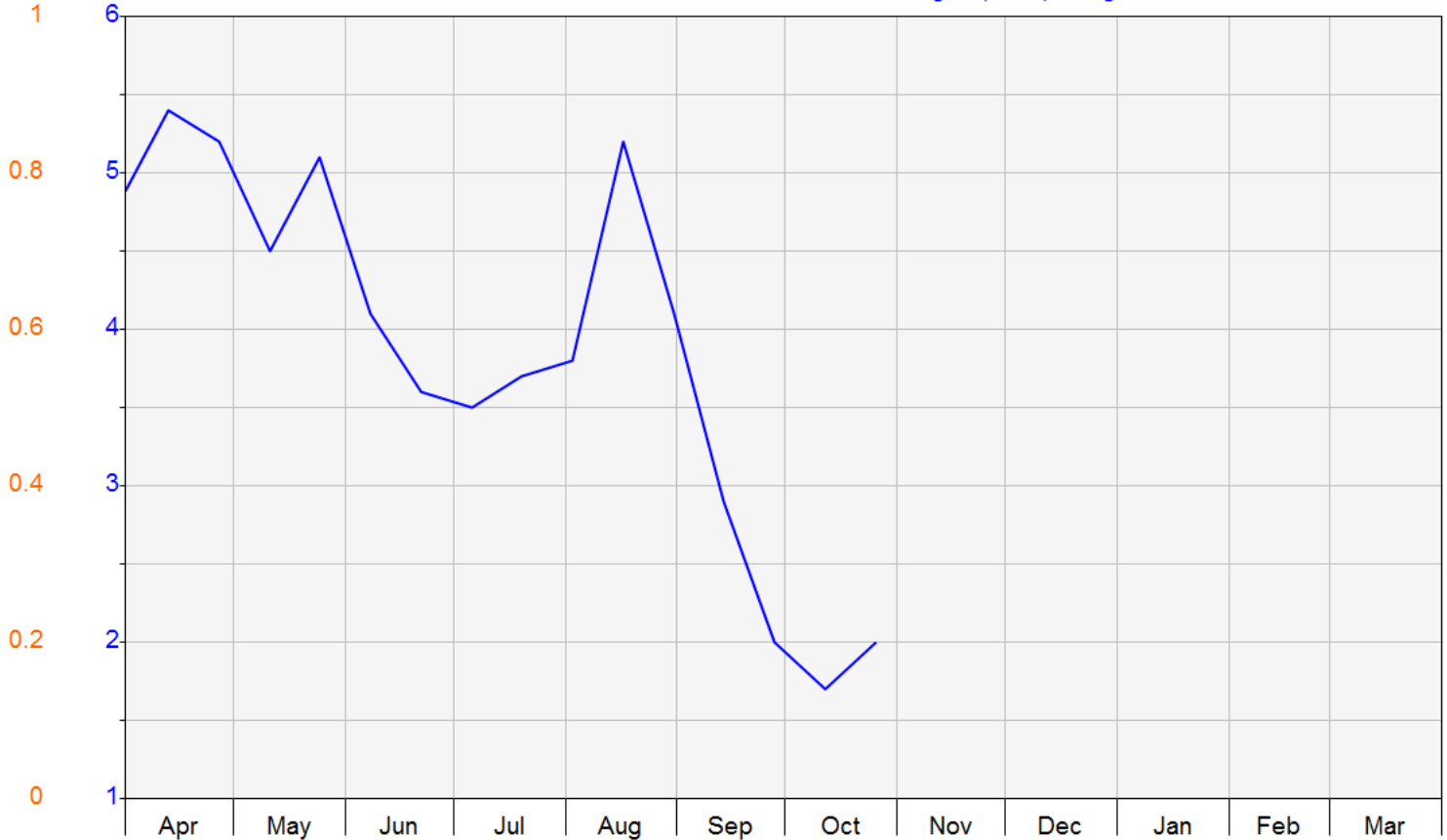
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01/04/2021 to 01/04/2022

2021-22

Current Licence Year (Actually Since Previous April)

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



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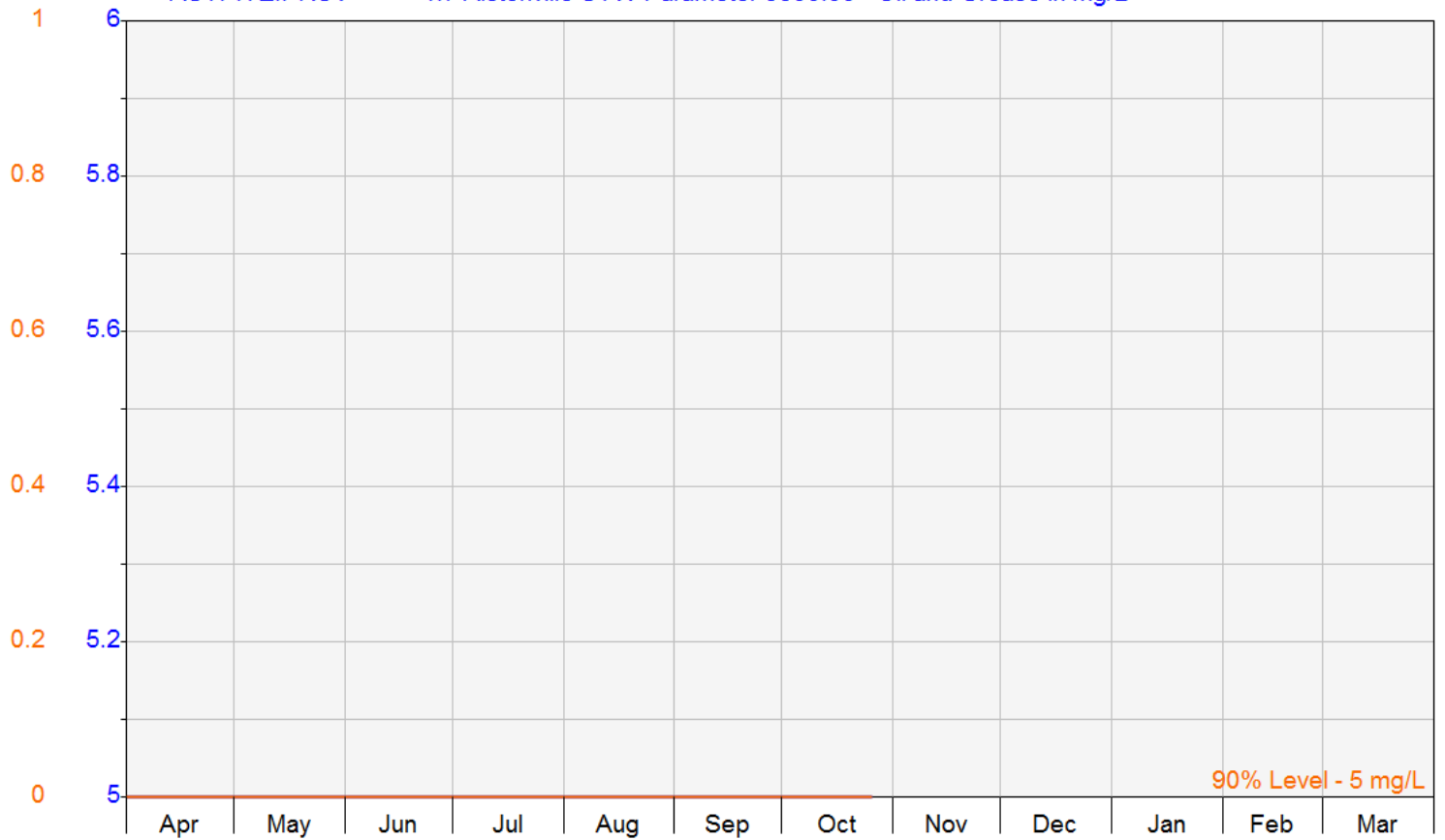
HYPLOT V134 Output 09/11/2021

01/04/2021 to 01/04/2022

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



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



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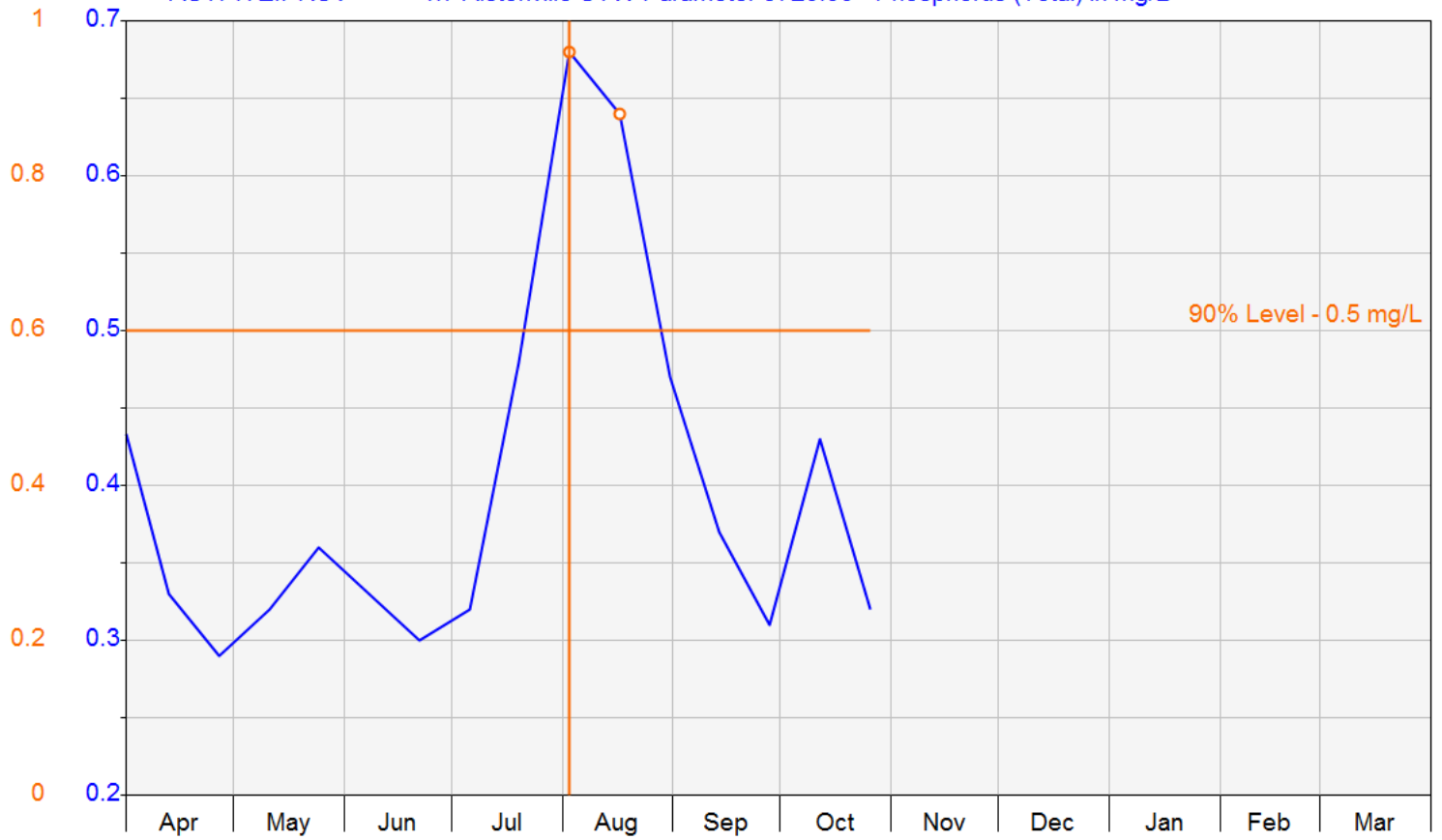
HYPLOT V134 Output 09/11/2021

01/04/2021 to 01/04/2022

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— ASTP.TE.PRVV - 1.7 Alstonville STW Parameter 5720.00 - Phosphorus (Total) in mg/L



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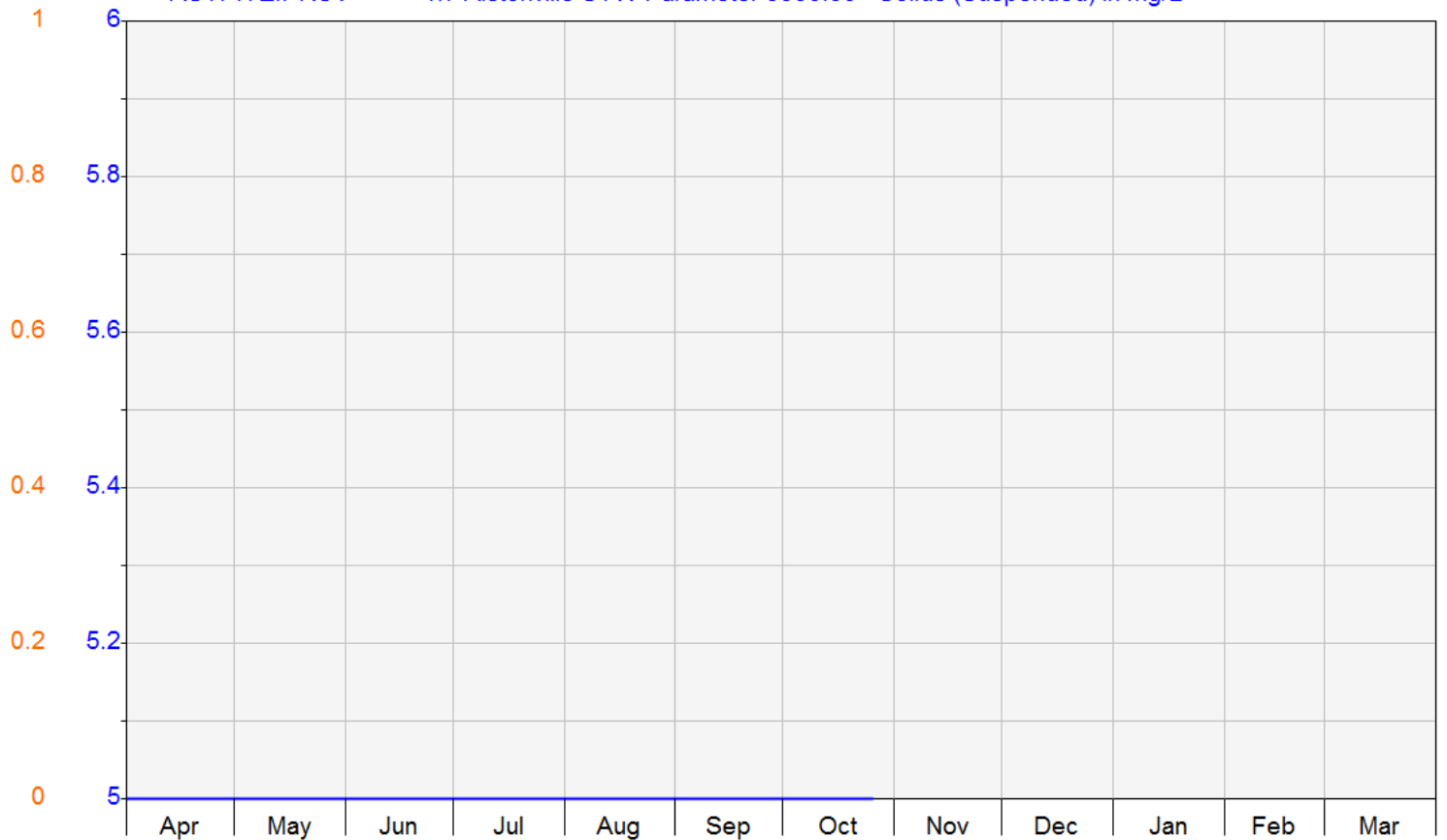
HYPLOT V134 Output 09/11/2021

01/04/2021 to 01/04/2022

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— ASTP.TE.PRVV - 1.7 Alstonville STW Parameter 6300.00 - Solids (Suspended) in mg/L



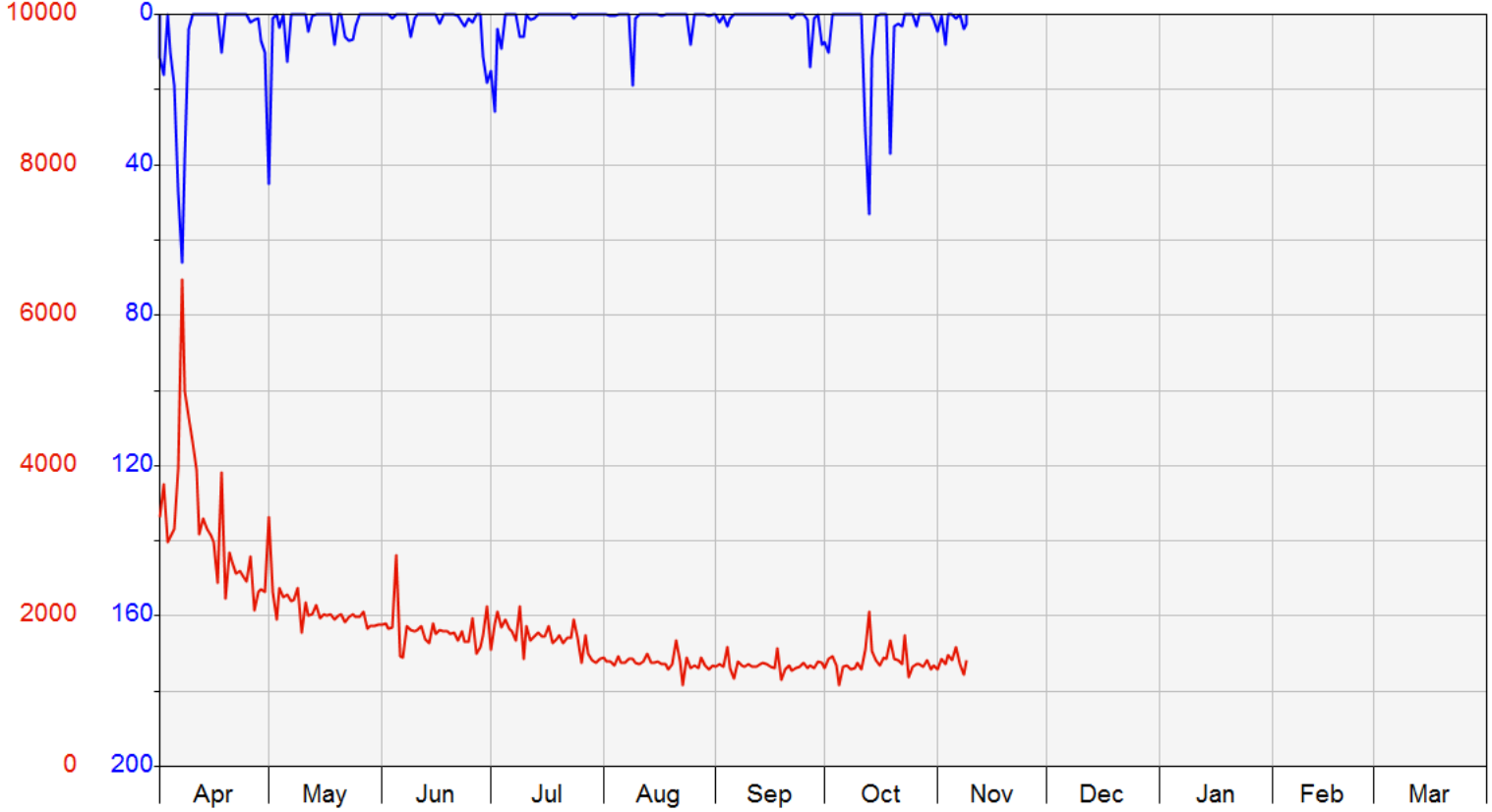
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01/04/2021 to 01/04/2022

2021-22

Current Licence Year (Actually Since Previous April)

— 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



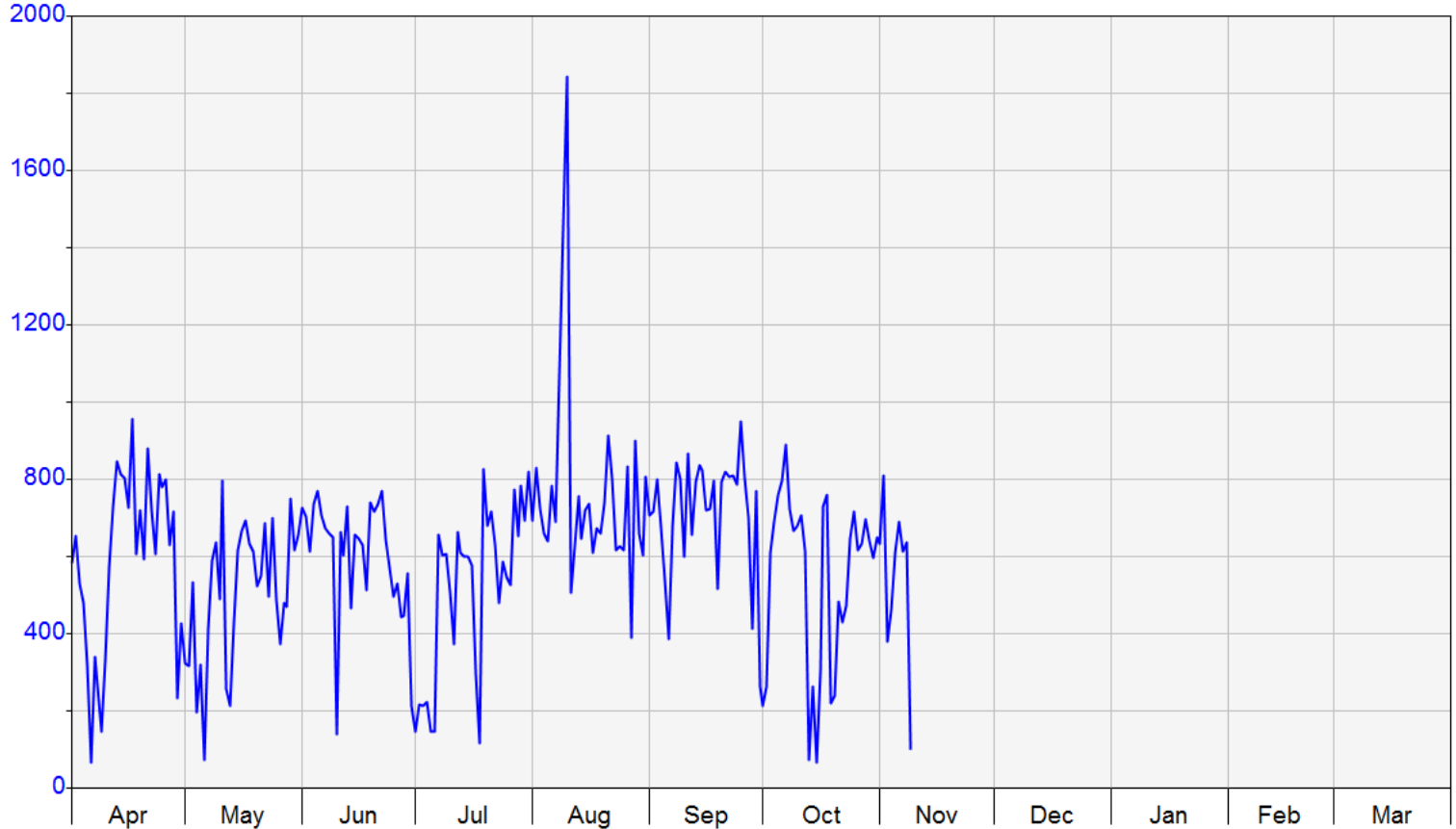
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01/04/2021 to 01/04/2022

2021-22

Current Licence Year (Actually Since Previous April)

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

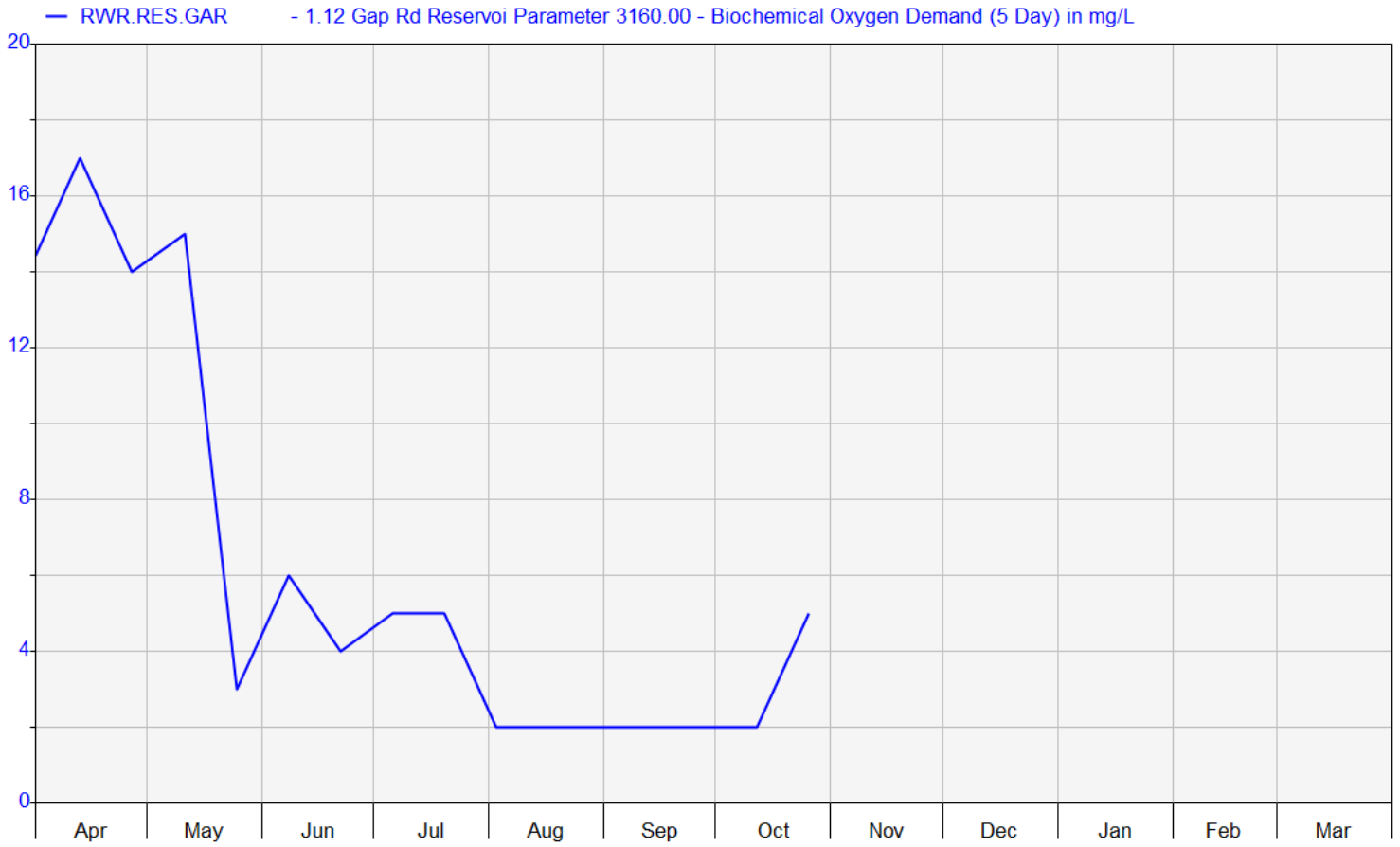


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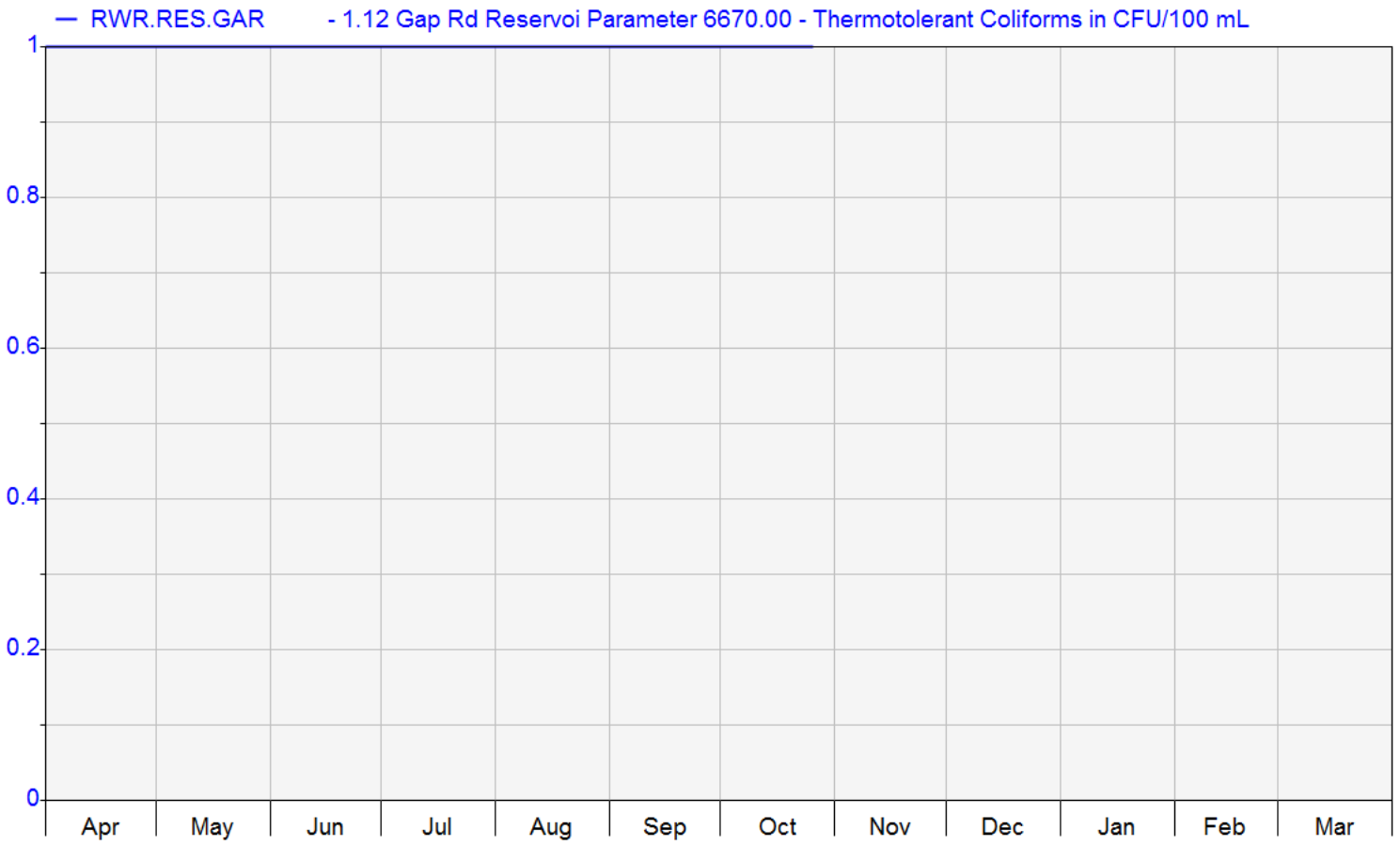


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— RWR.RES.GAR - 1.12 Gap Rd Reservoir Parameter 5400.00 - Nitrogen (Total) in mg/L



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



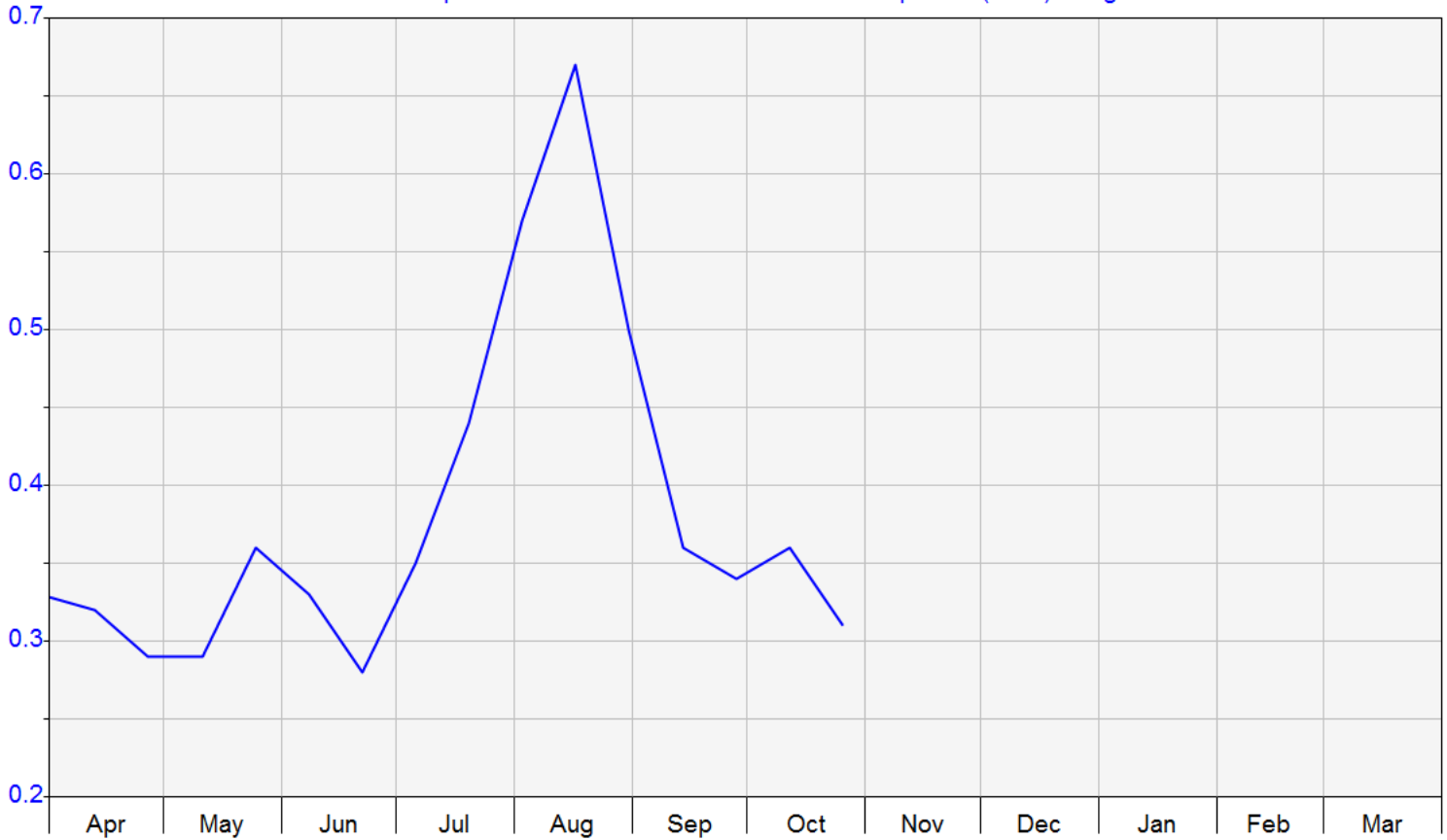
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01/04/2021 to 01/04/2022

2021-22

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



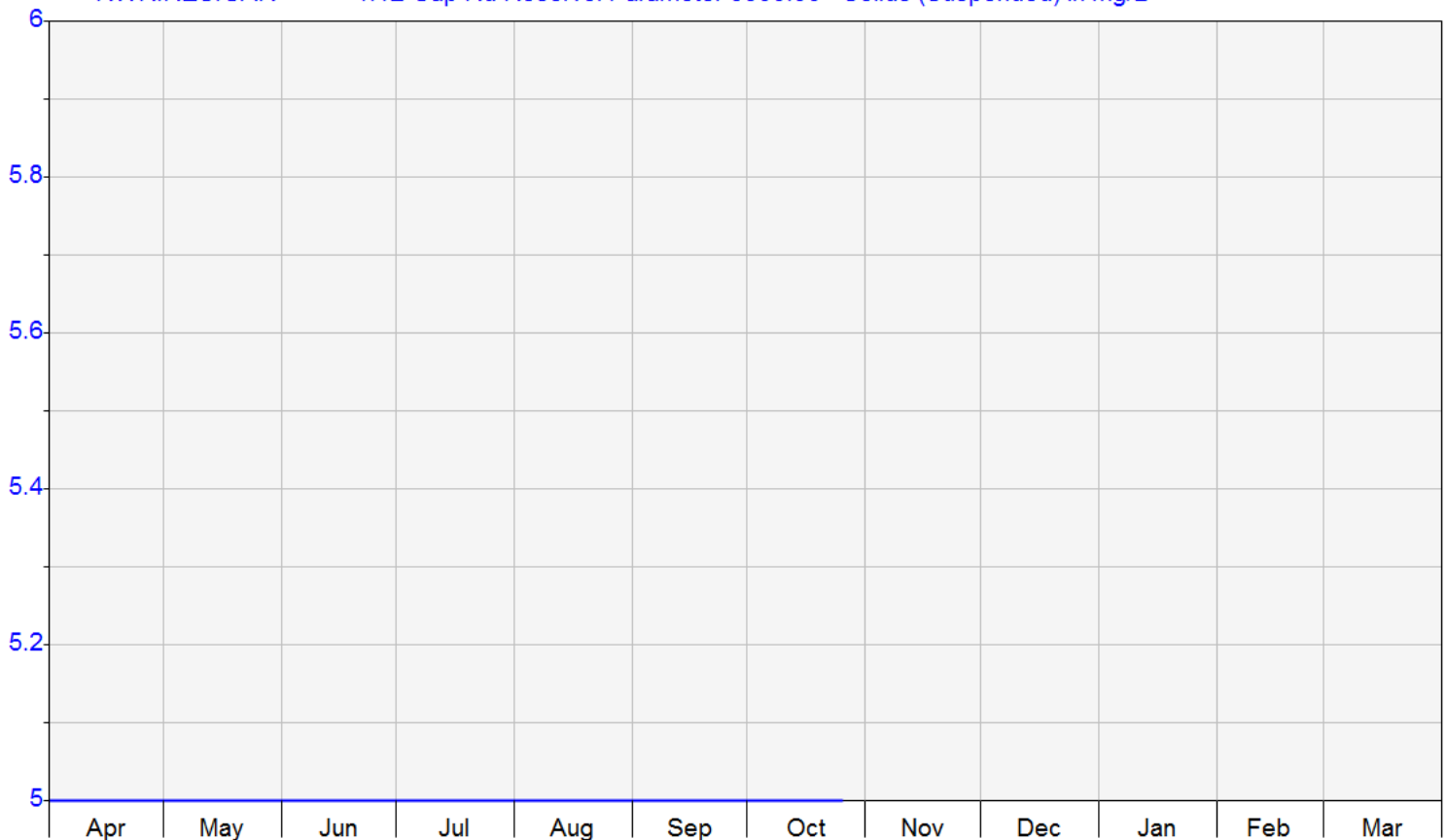
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01/04/2021 to 01/04/2022

2021-22

Current Licence Year (Actually Since Previous April)

— 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

Current Licence Year (Actually Since Previous April)

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

