

Water Quality Samples Summary Report

Updated 2024/11/08 06:53:13

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 for WWTP (April to March)
 Date Range From: 01/04/2024
 Date Range To: 01/04/2025

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	217	0	2113.608	1814	3654.6	6847	458653
1: Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly	mg/l	12	-	10	20	14	1	3.714	3	5	8	-
1: Effluent Quality	Thermotolerant Coliforms	monthly	count/100 ml	12	-	200	600	14	0.5	2.393	1	5.1	16	-
1: Effluent Quality	Nitrogen (Total)	monthly	mg/l	12	-	10	20	14	1.4	4.057	3.85	6.68	7.5	-
1: Effluent Quality	Oil and Grease	monthly	mg/l	12	-	5	10	14	2.5	2.821	2.5	2.5	7	-
1: Effluent Quality	pH	monthly	pH	12	6.5	-	8.5	14	6.89	7.426	7.425	7.754	7.85	-
1: Effluent Quality	Phosphorus (Total)	monthly	mg/l	12	-	0.5	1	14	0.025	0.120	0.11	0.21	0.22	-
1: Effluent Quality	Solids (Suspended)	monthly	mg/l	12	-	15	30	14	2.5	5.893	4.25	11.7	12	-
2: Total Volume (Inflow)	Flow	daily	kl/day	365	-	-	-	217	136	4462.627	4074	5866.2	34900	968390
3: Irrigation Reuse	Flow	daily	kl/day	365	-	-	-	218	0	615.991	653	919	1234	134286
4: Irrigation Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly	mg/l	12	-	-	-	14	1	2.857	3	4.7	5	-
4: Irrigation Effluent Quality	Thermotolerant Coliforms	monthly	count/100 ml	12	-	-	-	14	0.5	23.071	1	10.1	300	-
4: Irrigation Effluent Quality	Nitrogen (Total)	monthly	mg/l	12	-	-	-	14	1.4	4.164	4.05	6.63	7.8	-
4: Irrigation Effluent Quality	pH	monthly	pH	12	-	-	-	20	7.03	7.610	7.465	8.316	8.6	-
4: Irrigation Effluent Quality	Phosphorus (Total)	monthly	mg/l	12	-	-	-	14	0.04	0.126	0.12	0.201	0.25	-
4: Irrigation Effluent Quality	Solids (Suspended)	monthly	mg/l	12	-	-	-	14	2.5	4.607	3.75	7.7	9	-
5: Rainfall	Rainfall	daily	pt	365	-	-	-	218	0	6.589	0	15.95	120	1436.5

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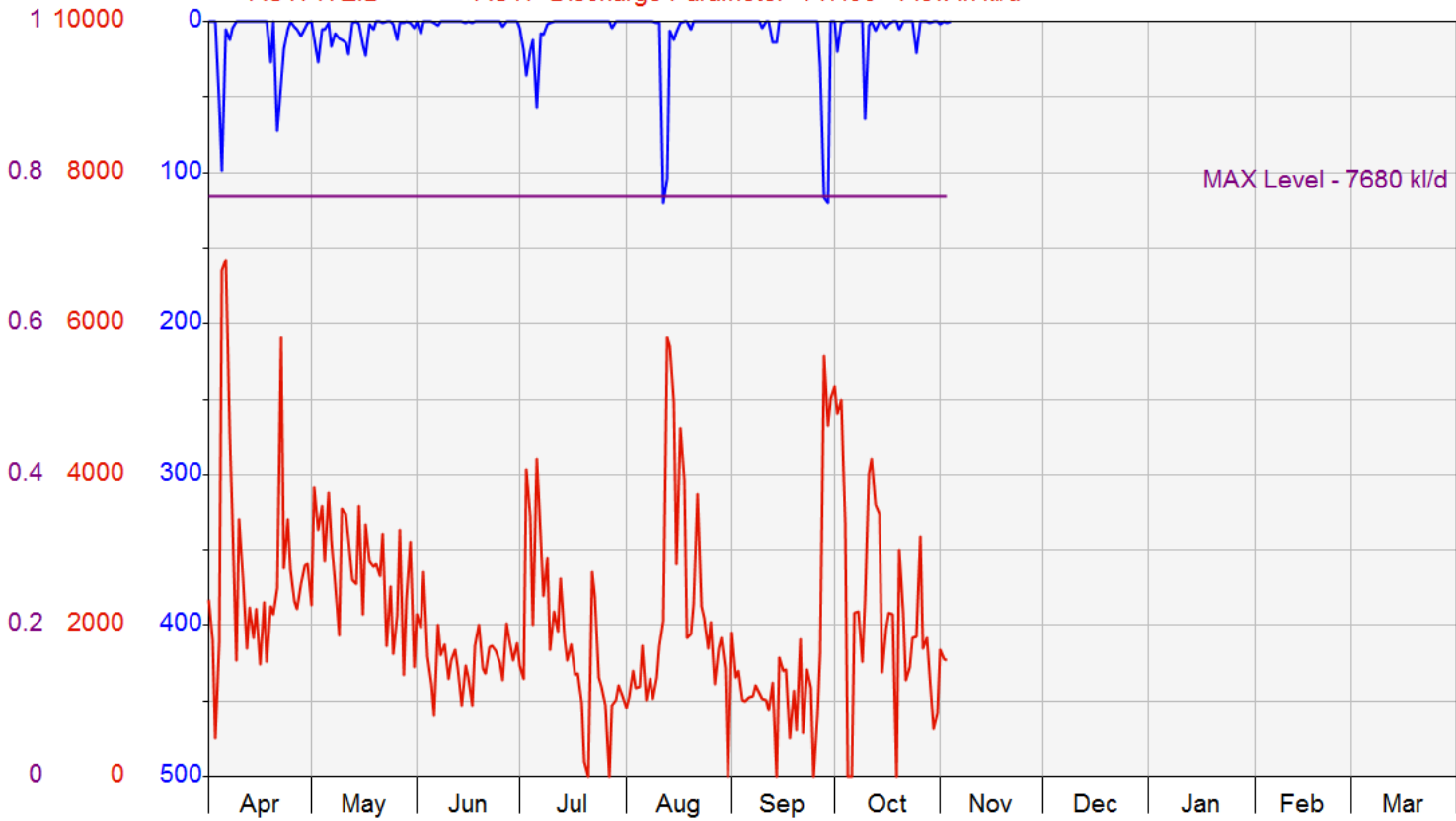
HYPLOT V134 Output 08/11/2024

01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

- ASTP.PR.IN - ASTP Influent Parameter 9.00 - Rainfall in Points
- ASTP.TE.D - ASTP Discharge Parameter 147.00 - Flow in kl/d



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HYPLOT V134 Output 08/11/2024

01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

- ASTP.TE.PRVV - ASTP Pre UV Parameter 3160.00 - Biochemical Oxygen Demand (5 Day) in mg/L



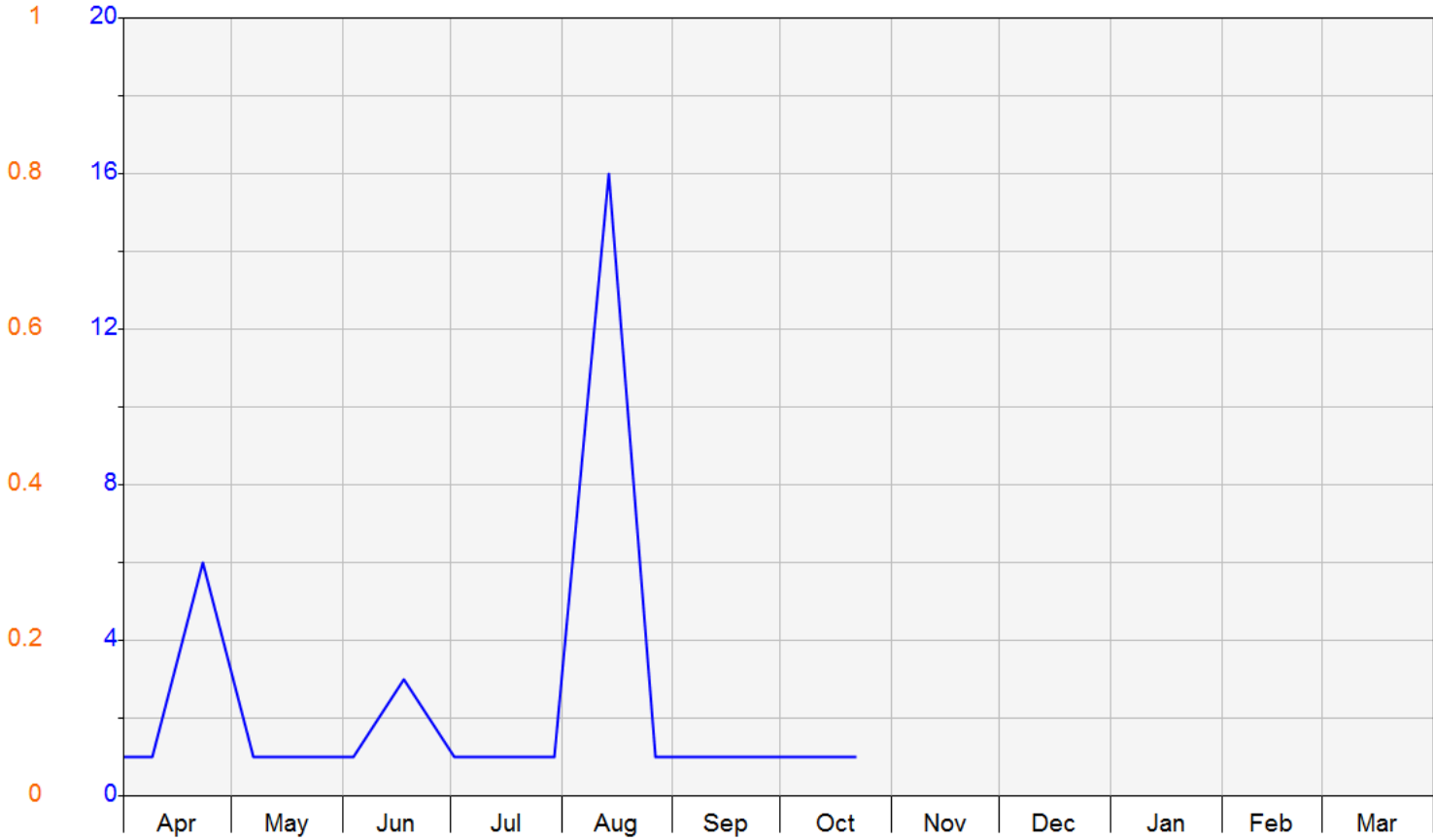
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

— ASTP.TE.POUV - ASTP Post UV Parameter 6670.00 - Thermotolerant Coliforms in CFU/100 mL



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01/04/2024 to 01/04/2025

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— ASTP.TE.PRUV - ASTP Pre UV Parameter 5400.00 - Nitrogen (Total) in mg/L

90% Level - 10 mg/L



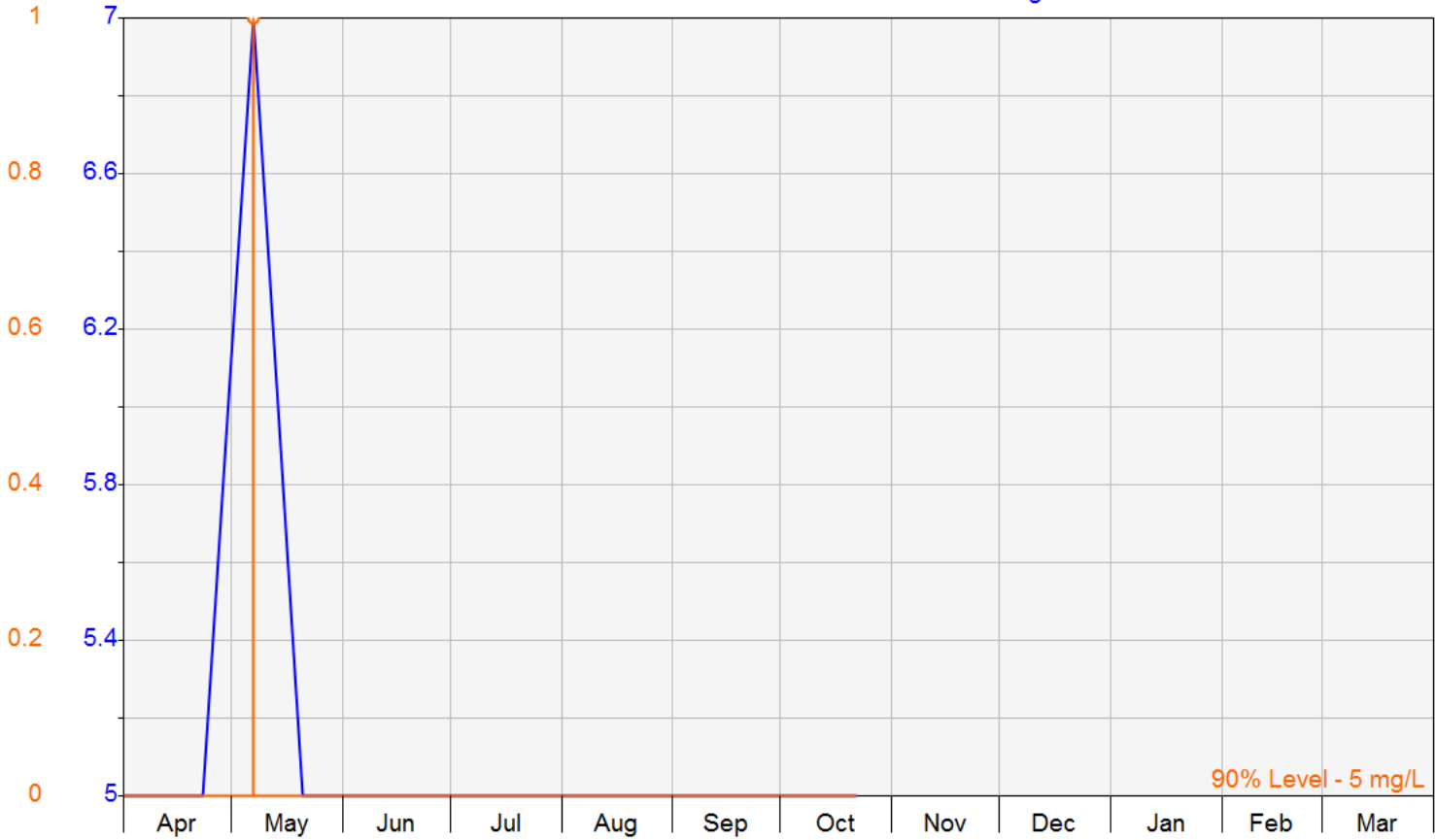
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

— ASTP.TE.PRVU - ASTP Pre UV Parameter 5500.00 - Oil and Grease in mg/L



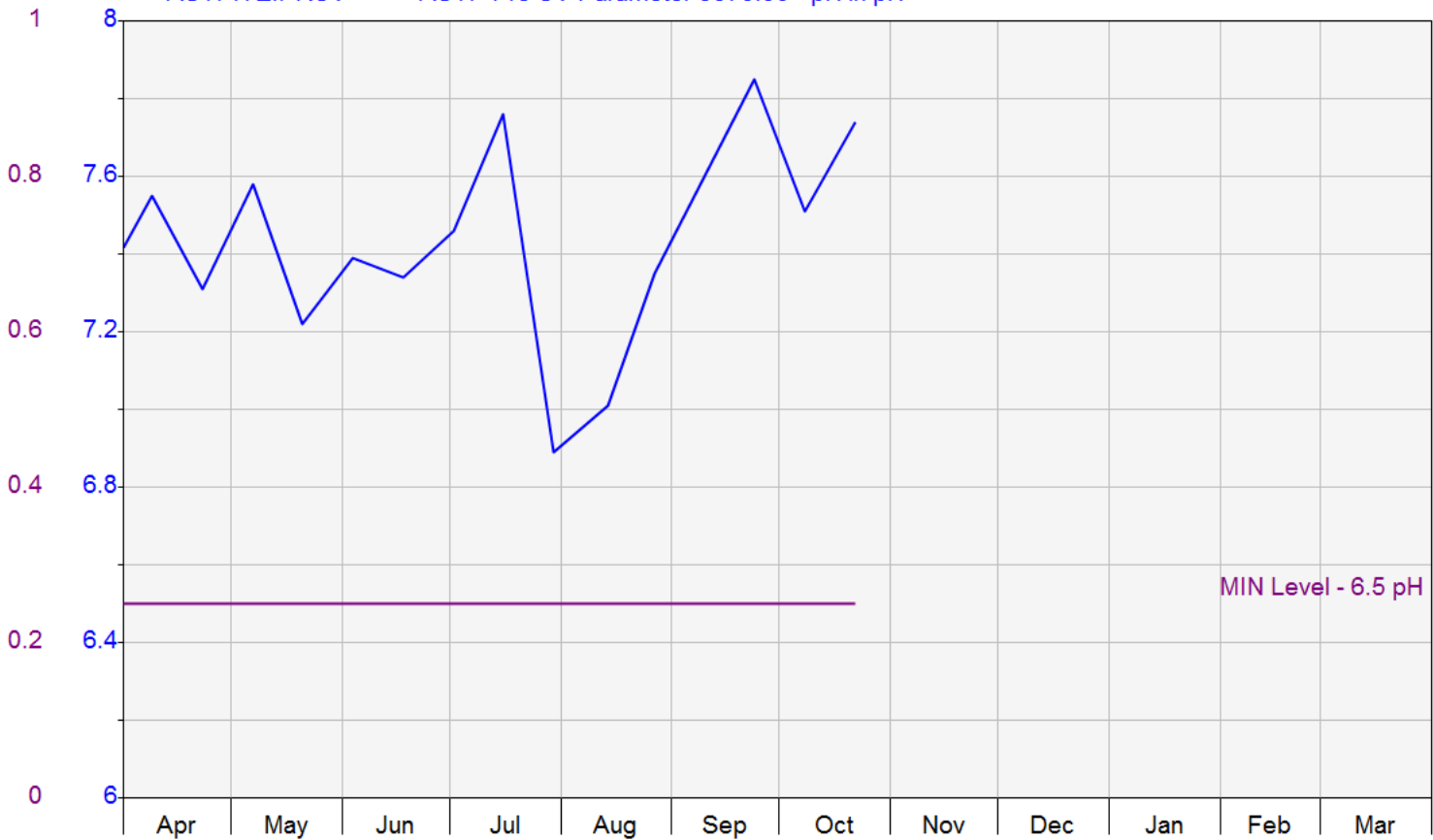
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

— ASTP.TE.PRVU - ASTP Pre UV Parameter 5670.00 - pH in pH



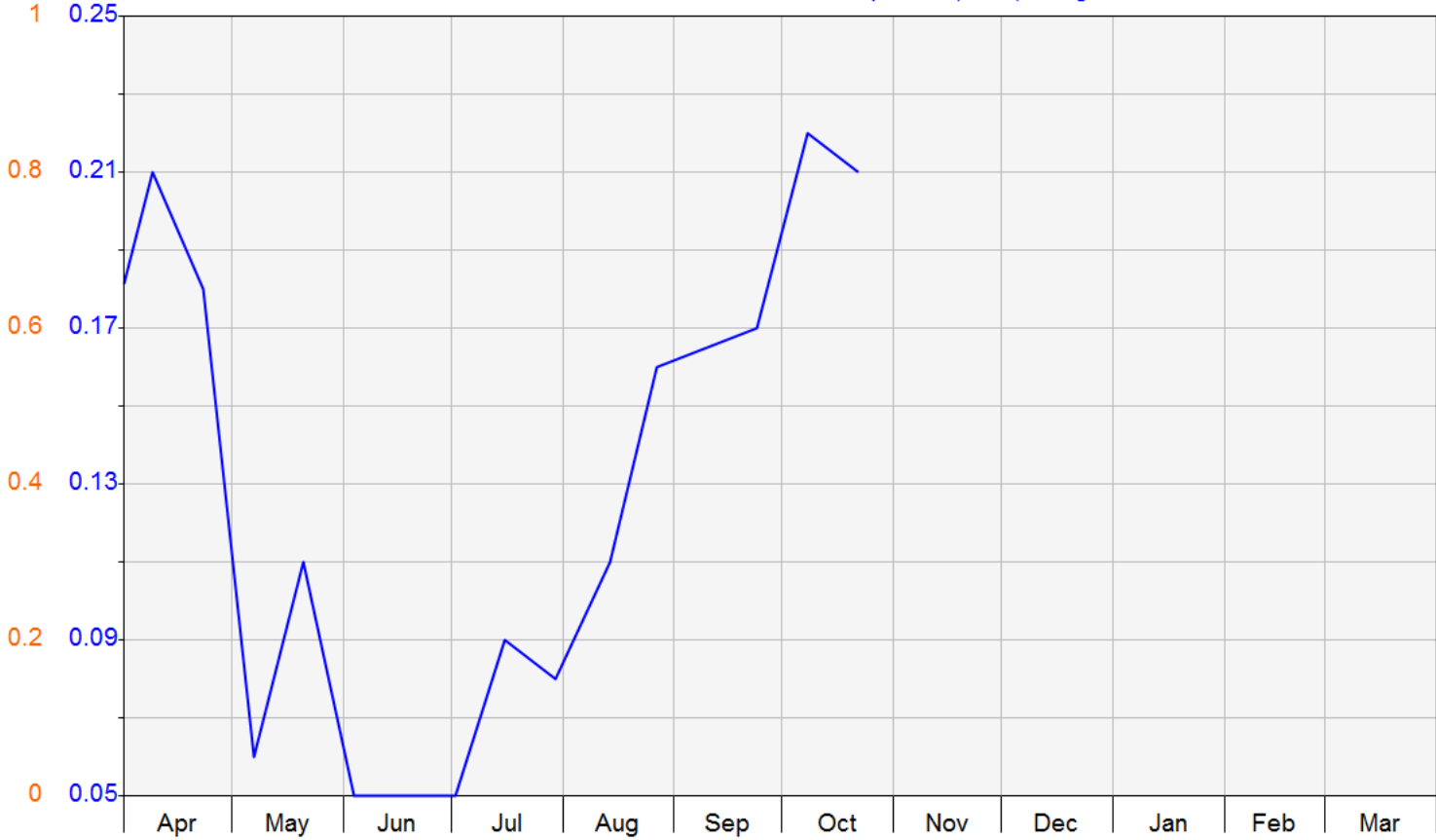
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

— ASTP.TE.PRVV - ASTP Pre UV Parameter 5720.00 - Phosphorus (Total) in mg/L



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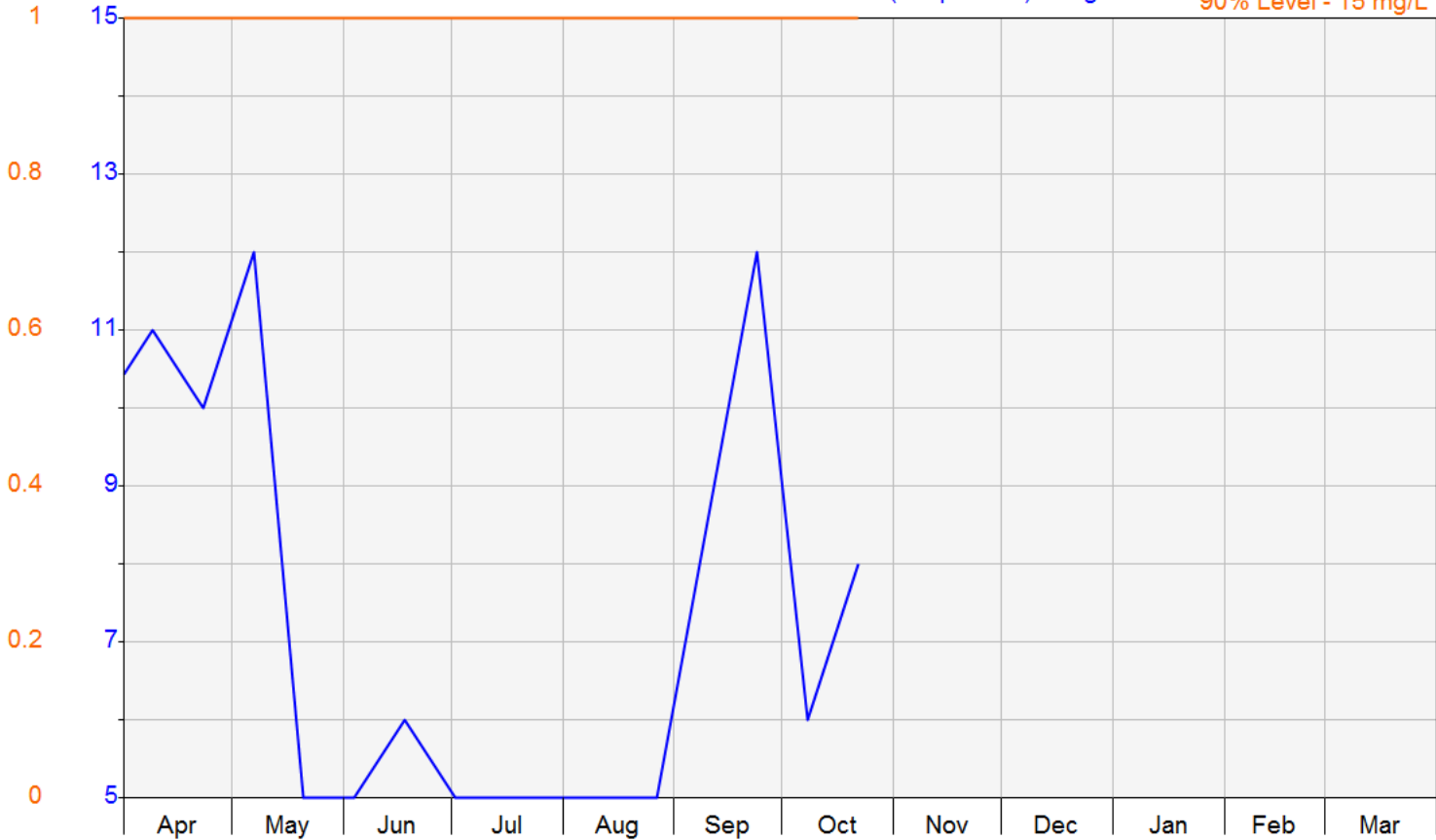
01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

— ASTP.TE.PRVV - ASTP Pre UV Parameter 6300.00 - Solids (Suspended) in mg/L

90% Level - 15 mg/L



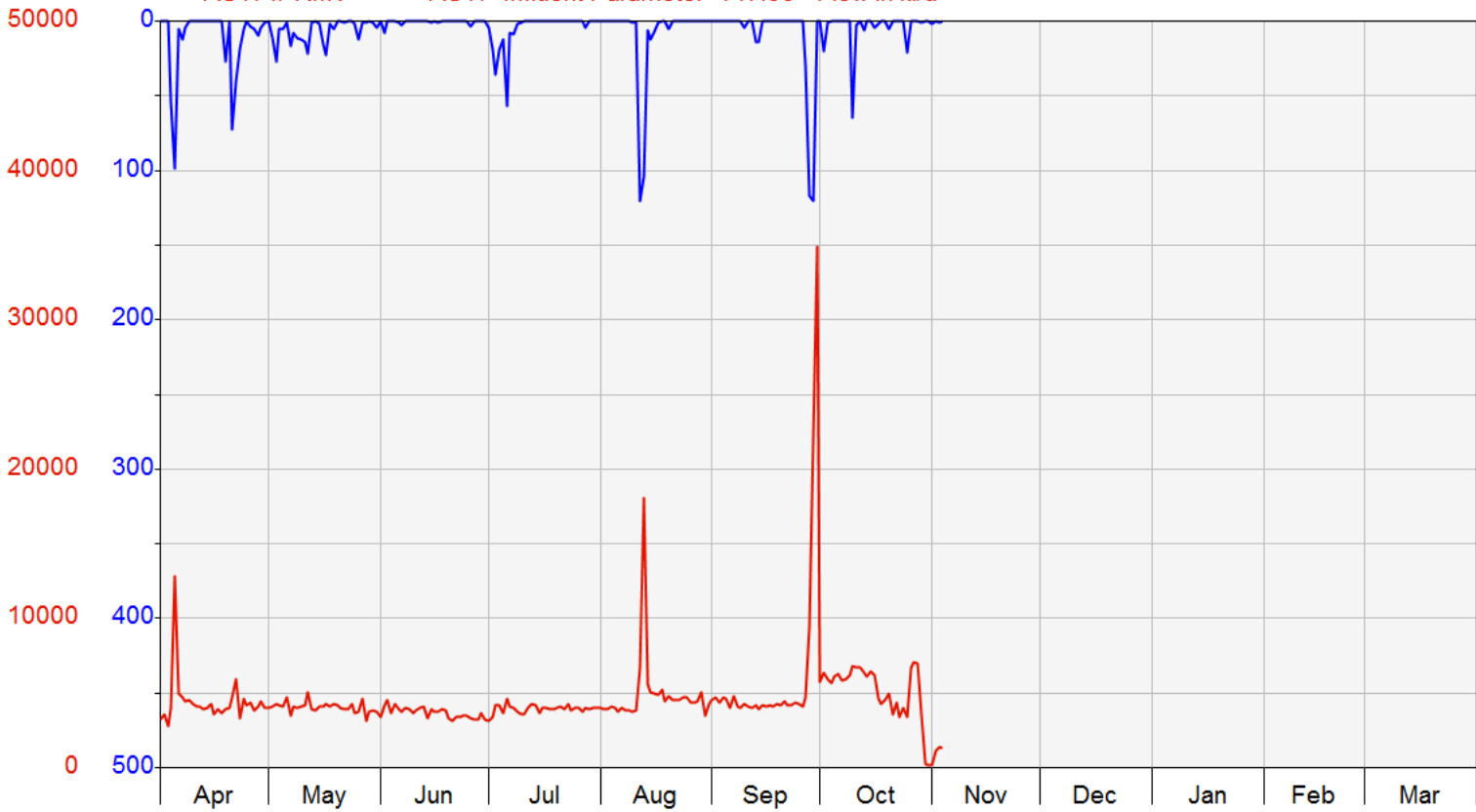
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

- ASTP.PR.IN - ASTP Influent Parameter 9.00 - Rainfall in Points
- ASTP.PR.IN - ASTP Influent Parameter 147.00 - Flow in kl/d



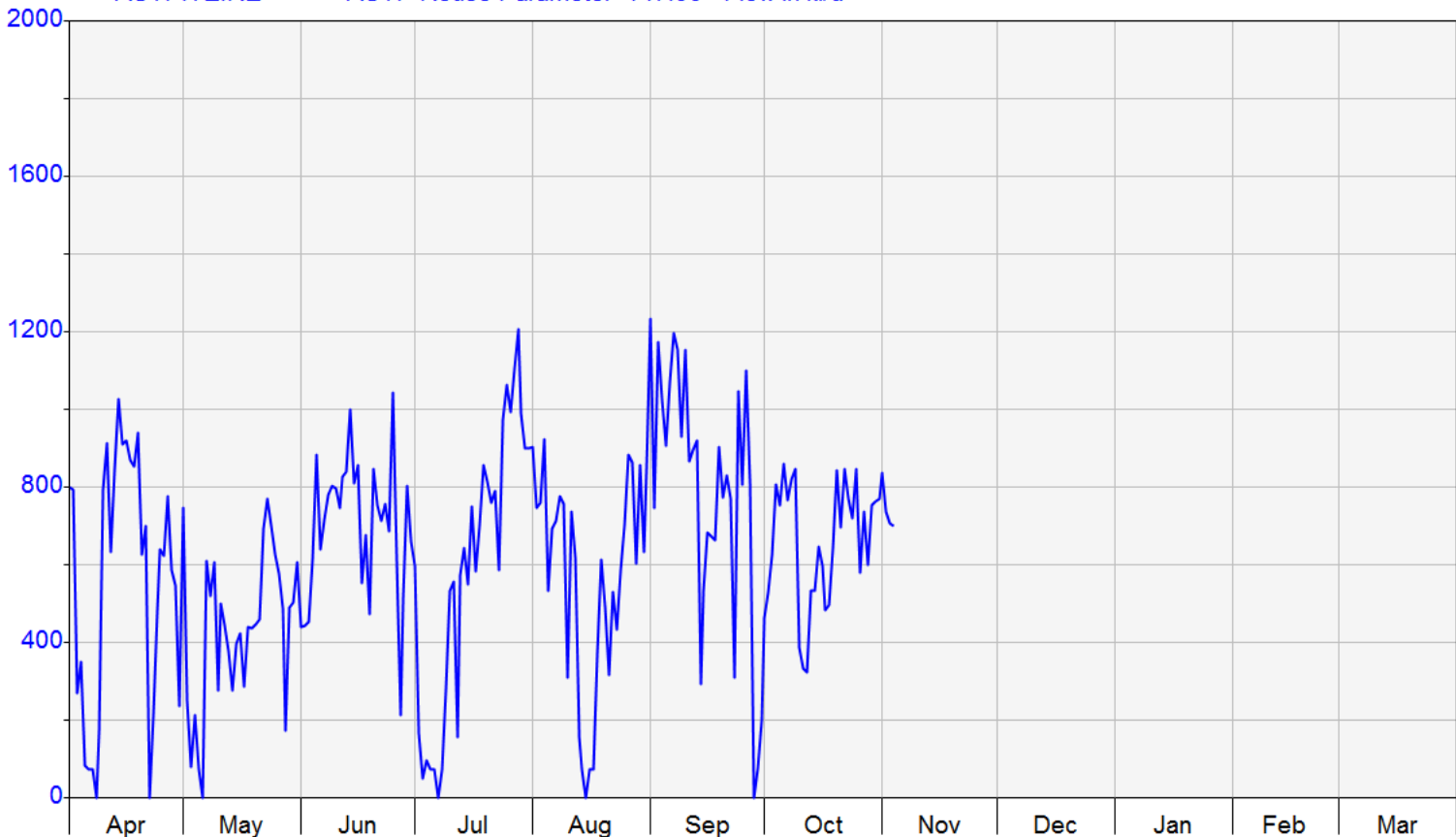
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

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

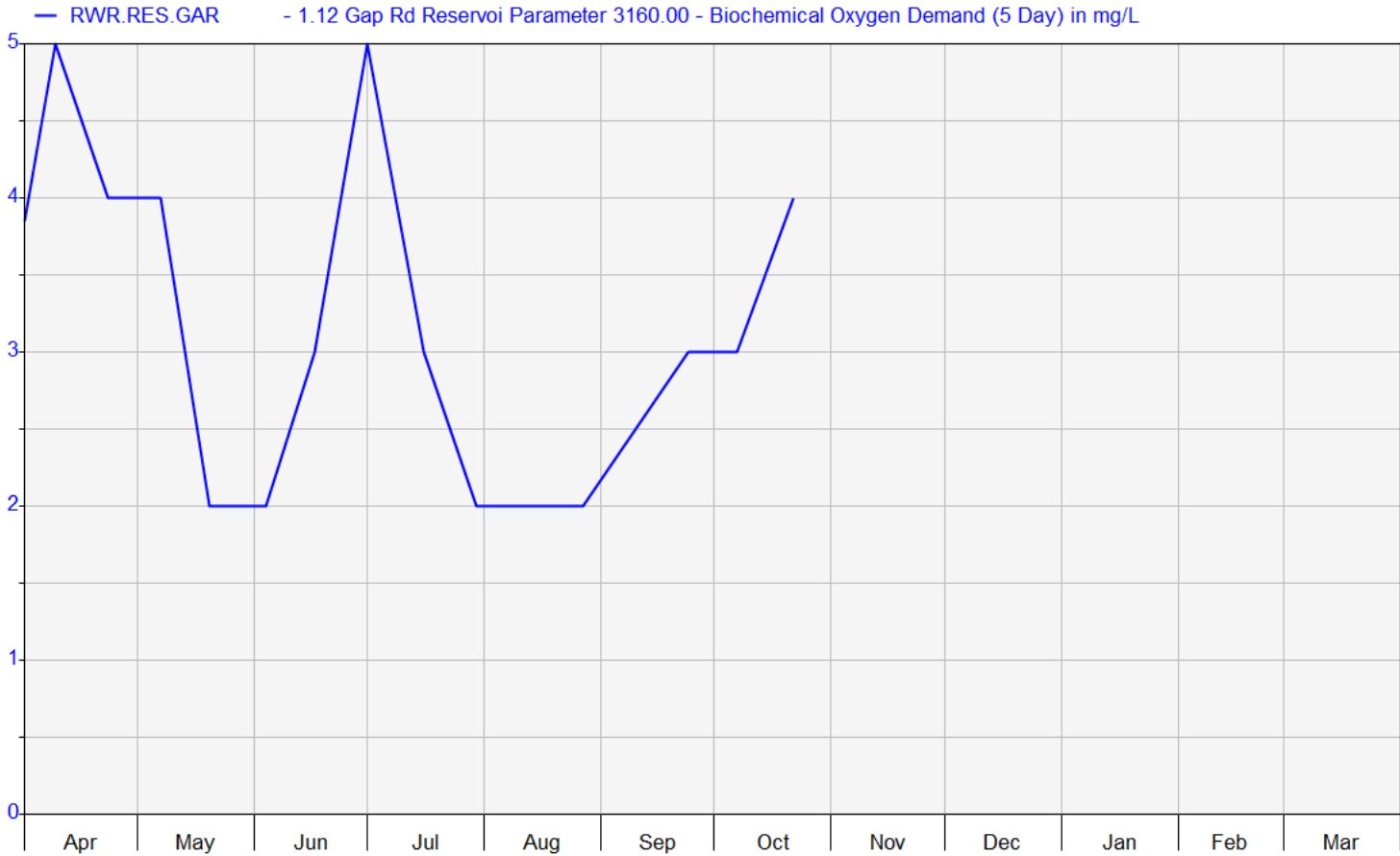


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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

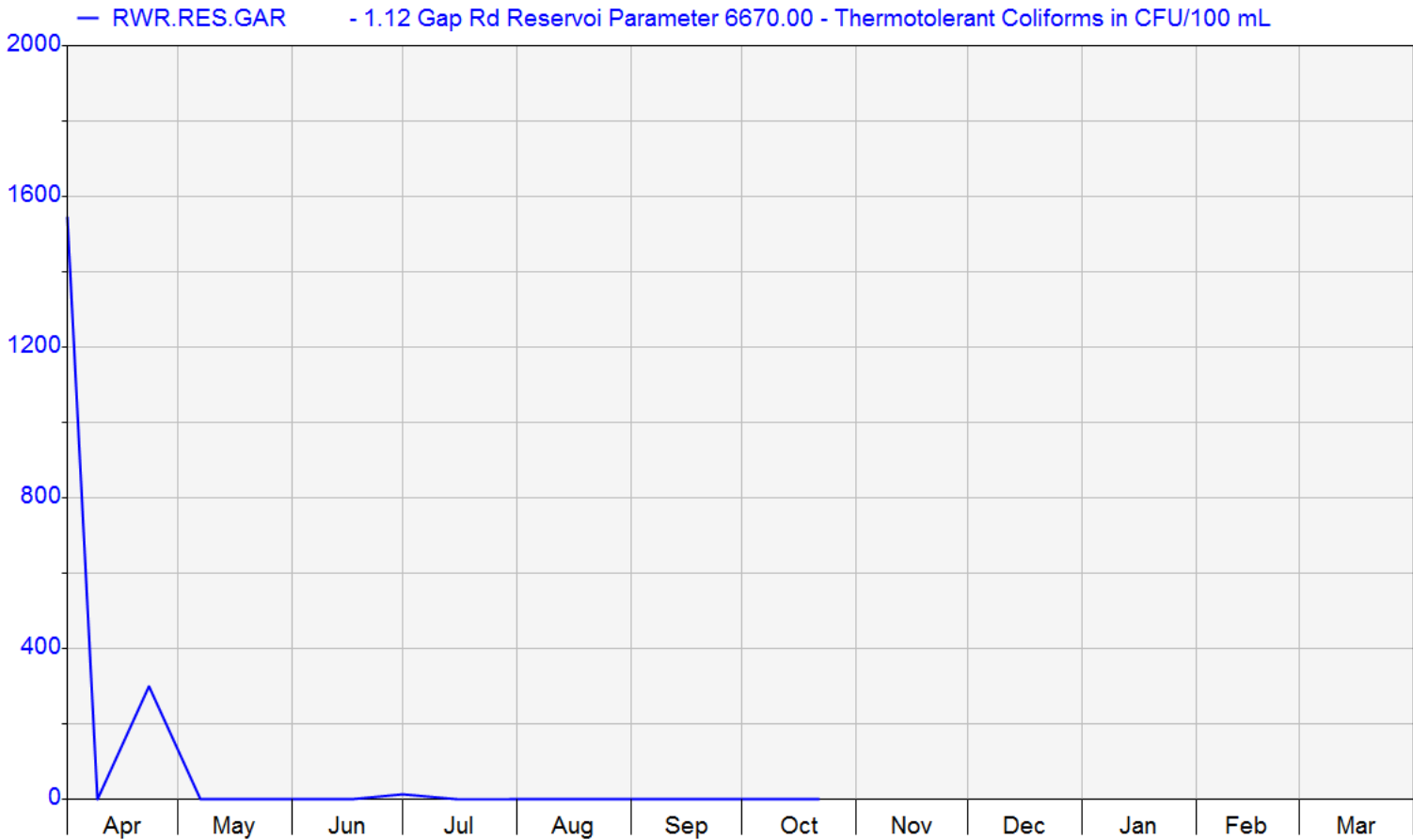


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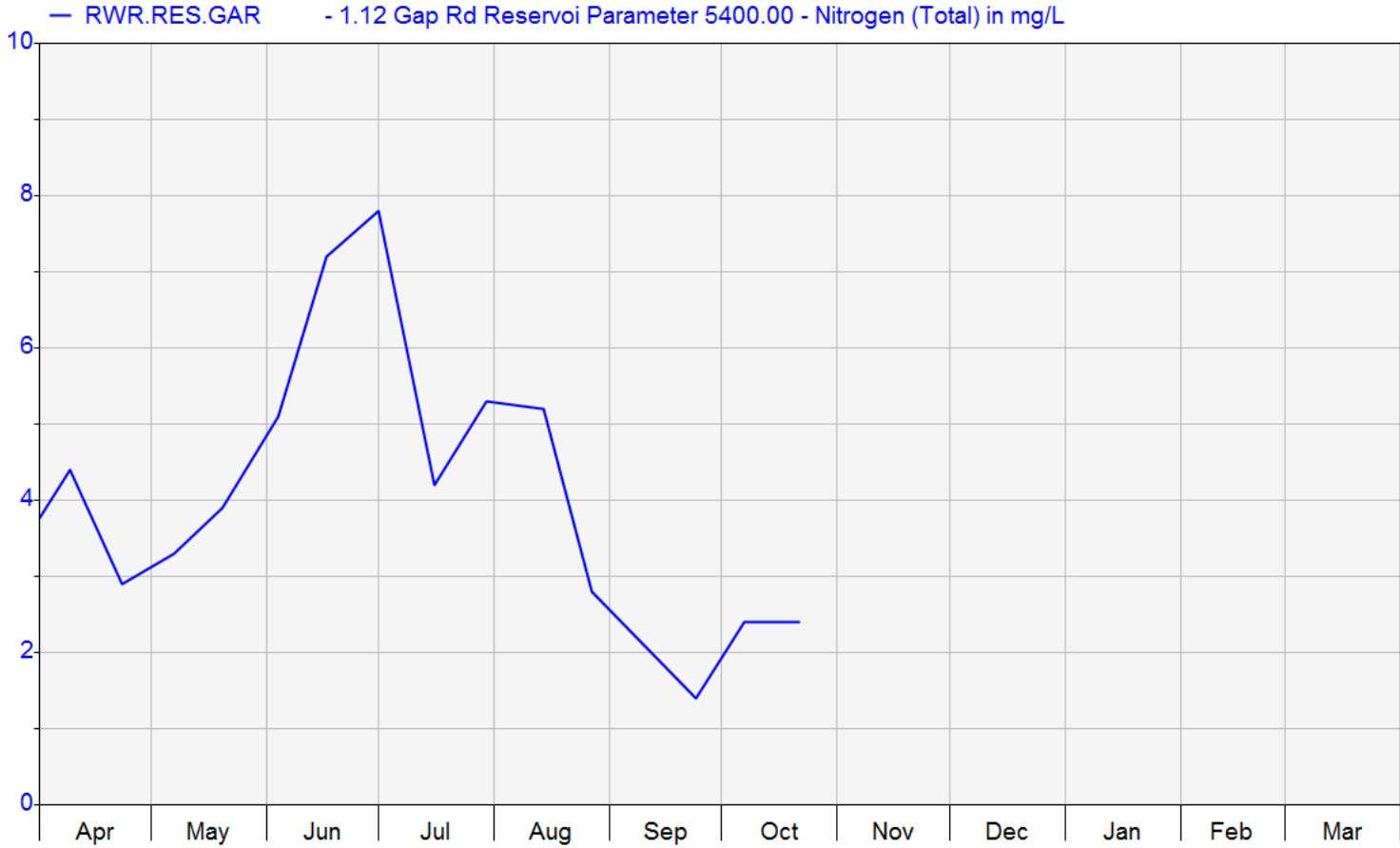


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01/04/2024 to 01/04/2025

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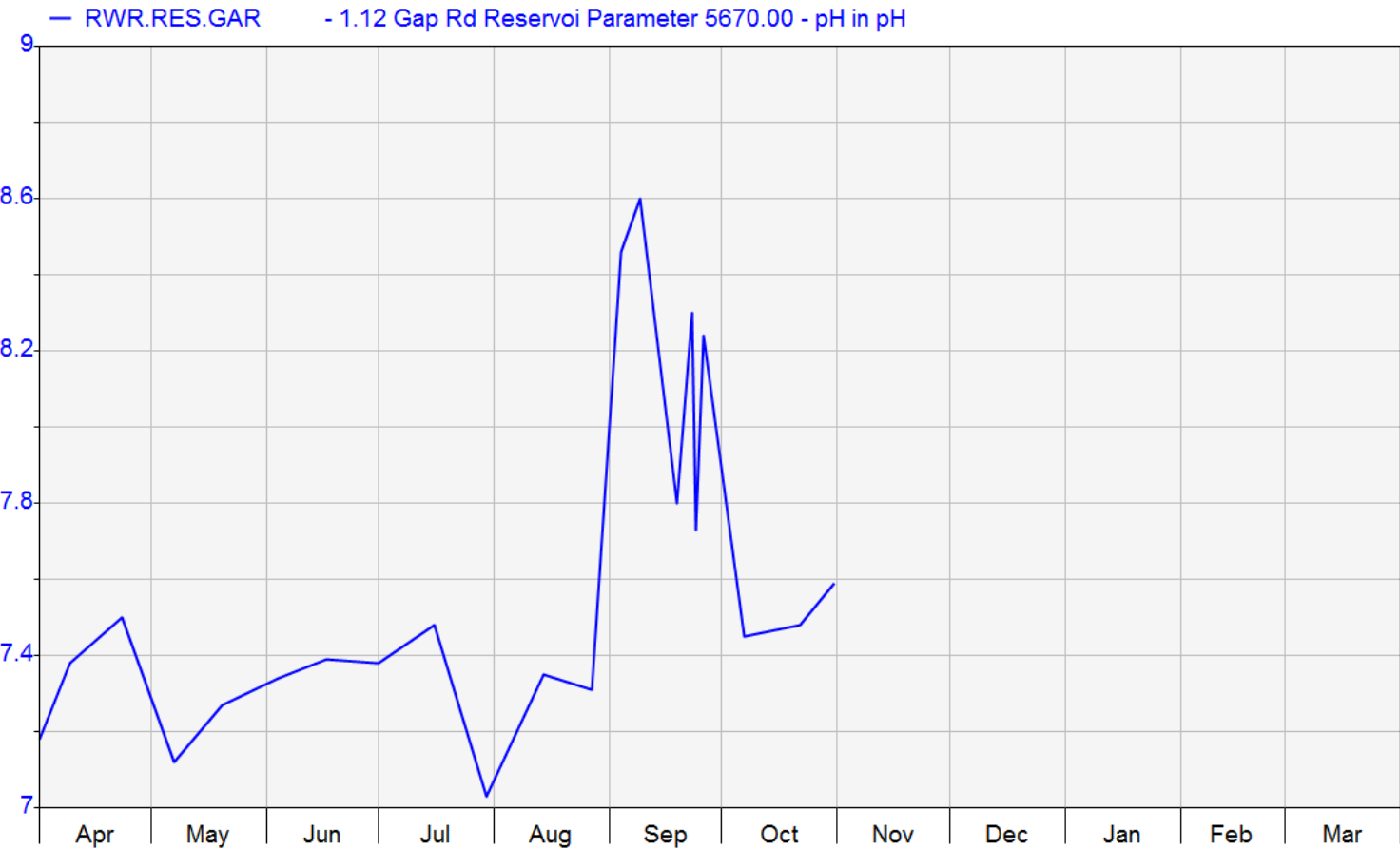


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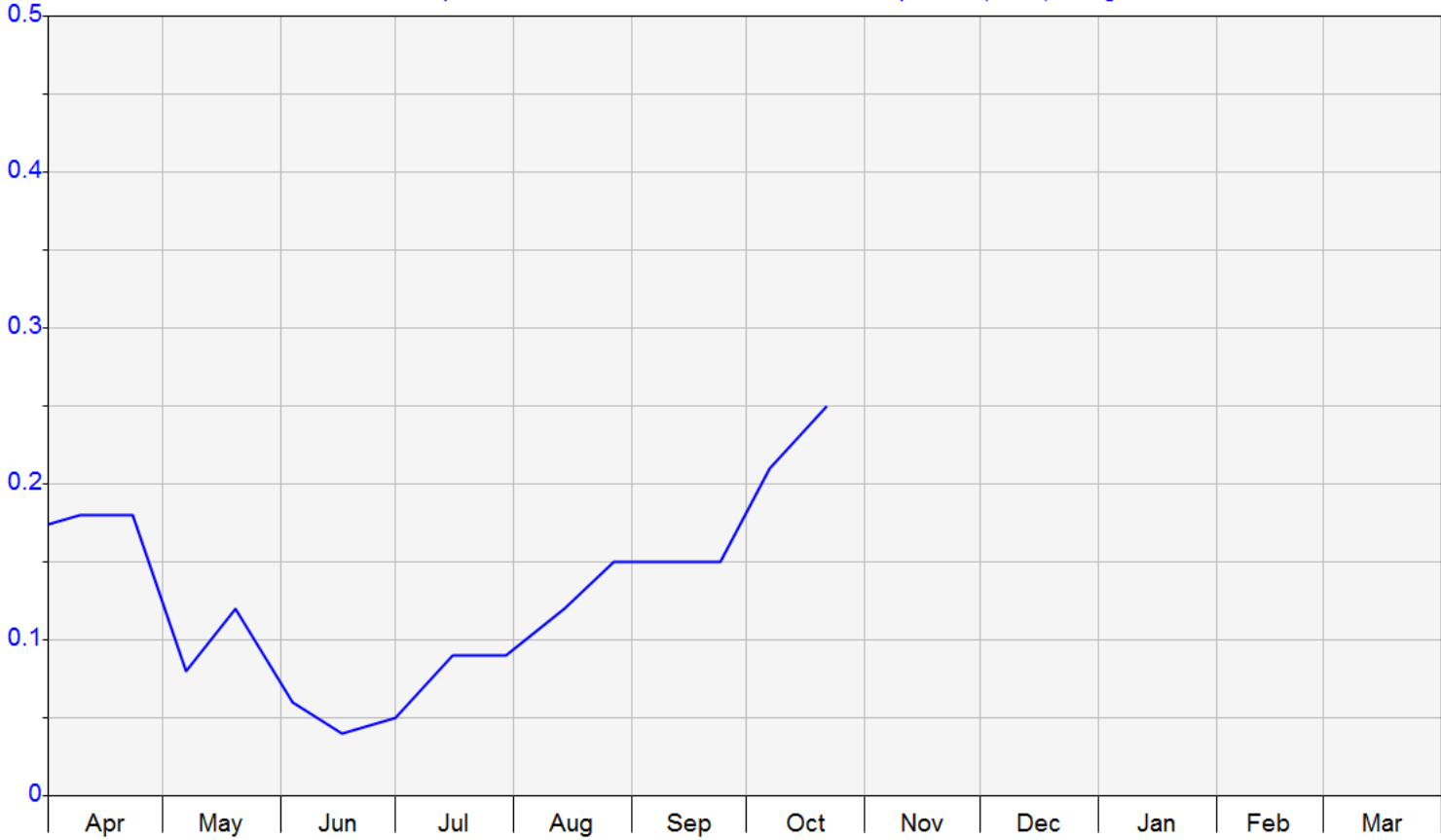
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— RWR.RES.GAR - 1.12 Gap Rd Reservoir Parameter 5720.00 - Phosphorus (Total) in mg/L



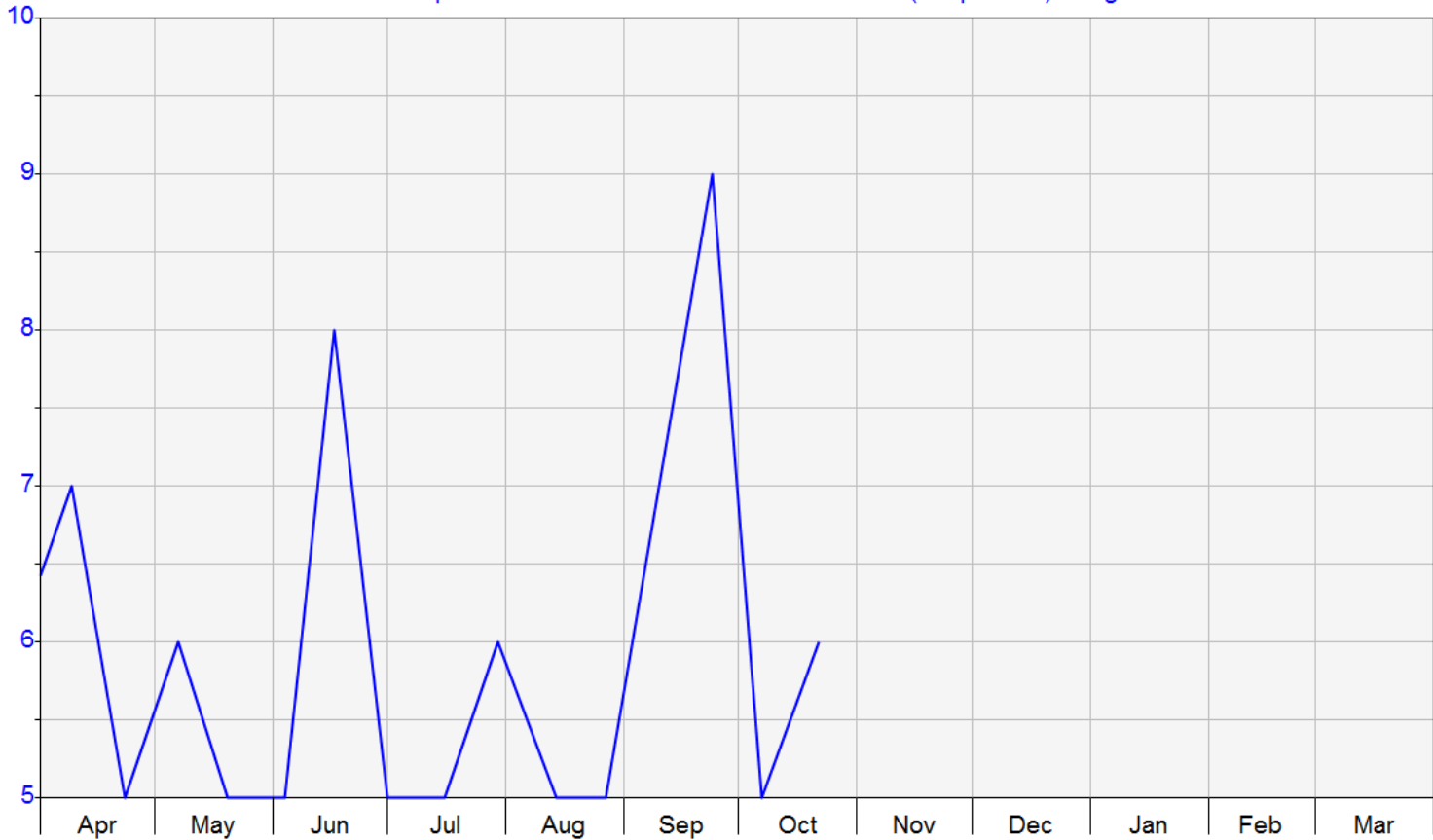
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

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



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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

ASTP.PR.IN - ASTP Influent Parameter 9.00 - Rainfall in Points

