

Water Quality Samples Summary Report

Updated 2025/03/03 08:13:26

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	336	181	1884.506	1593	3422	6847	633194
1: Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly	mg/l	12	-	10	20	22	1	3.955	4	5.9	8	-
1: Effluent Quality	Thermotolerant Coliforms	monthly	count/100 ml	12	-	200	600	22	0.5	1.841	1	2.8	16	-
1: Effluent Quality	Nitrogen (Total)	monthly	mg/l	12	-	10	20	22	1.4	3.295	2.5	5.61	7.5	-
1: Effluent Quality	Oil and Grease	monthly	mg/l	12	-	5	10	22	2.5	2.705	2.5	2.5	7	-
1: Effluent Quality	pH	monthly	pH	12	6.5	-	8.5	22	6.89	7.634	7.52	8.498	9.7	-
1: Effluent Quality	Phosphorus (Total)	monthly	mg/l	12	-	0.5	1	22	0.025	0.208	0.195	0.367	0.61	-
1: Effluent Quality	Solids (Suspended)	monthly	mg/l	12	-	15	30	22	2.5	6.977	6.5	12	18	-
2: Total Volume (Inflow)	Flow	daily	kl/day	365	-	-	-	336	0	3515.818	3790.5	4834.5	34900	1181315
3: Irrigation Reuse	Flow	daily	kl/day	365	-	-	-	337	0	667.154	735	998	1286	224831
4: Irrigation Effluent Quality	Biochemical Oxygen Demand (5 Day)	monthly	mg/l	12	-	-	-	22	1	3.545	3.5	5.9	8	-
4: Irrigation Effluent Quality	Thermotolerant Coliforms	monthly	count/100 ml	12	-	-	-	22	0.5	60.909	1	13.3	1000	-
4: Irrigation Effluent Quality	Nitrogen (Total)	monthly	mg/l	12	-	-	-	22	0.6	3.286	2.6	5.29	7.8	-
4: Irrigation Effluent Quality	pH	monthly	pH	12	-	-	-	32	6.94	7.583	7.45	8.294	9.45	-
4: Irrigation Effluent Quality	Phosphorus (Total)	monthly	mg/l	12	-	-	-	22	0.04	0.210	0.18	0.377	0.56	-
4: Irrigation Effluent Quality	Solids (Suspended)	monthly	mg/l	12	-	-	-	22	2.5	4.250	2.5	7.9	9	-
5: Rainfall	Rainfall	daily	pt	365	-	-	-	337	0	6.295	0	18	120	2121.5

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HYPLOT V134 Output 03/03/2025

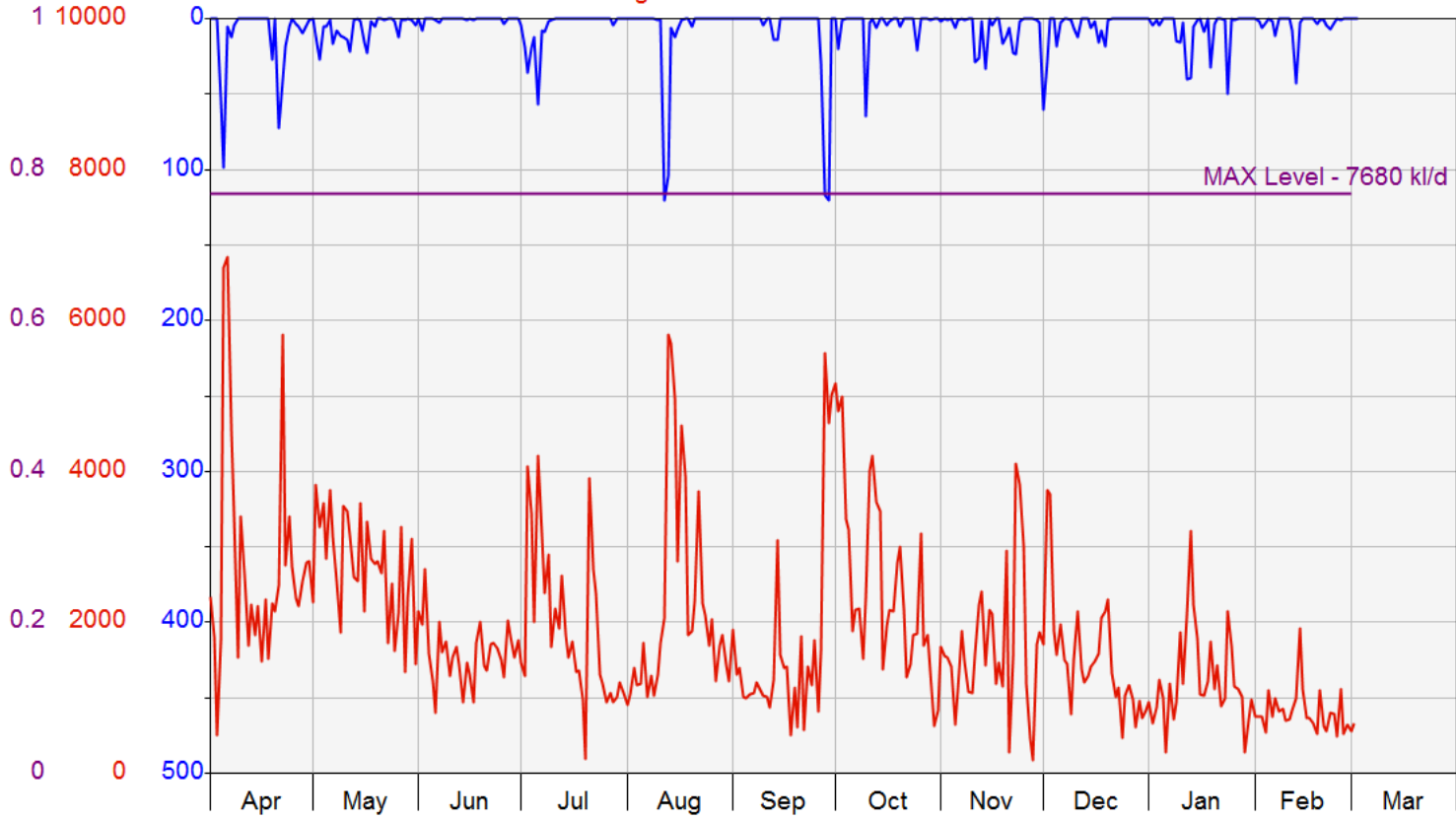
01/04/2024 to 01/04/2025

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 03/03/2025

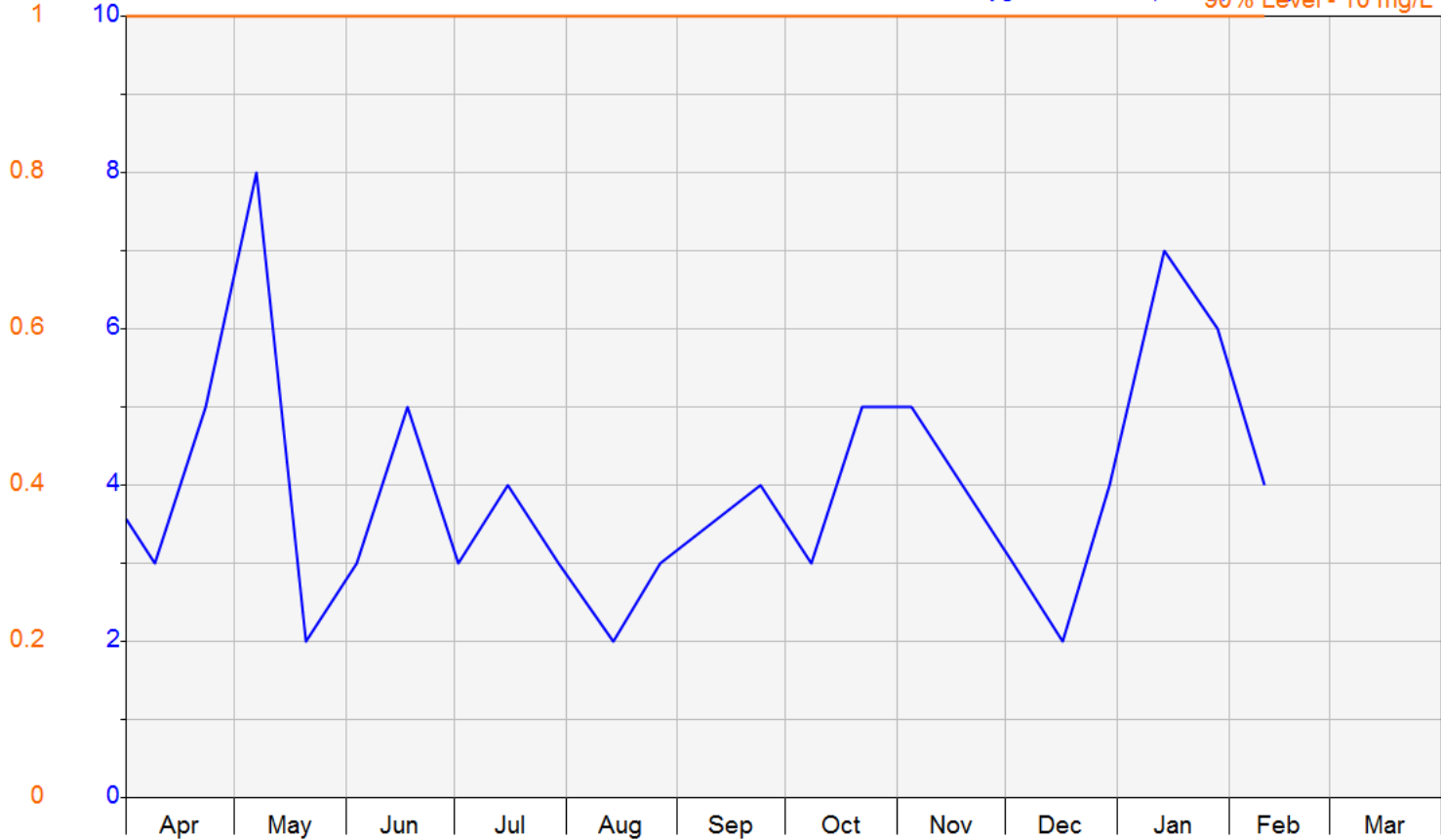
01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

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

90% Level - 10 mg/L

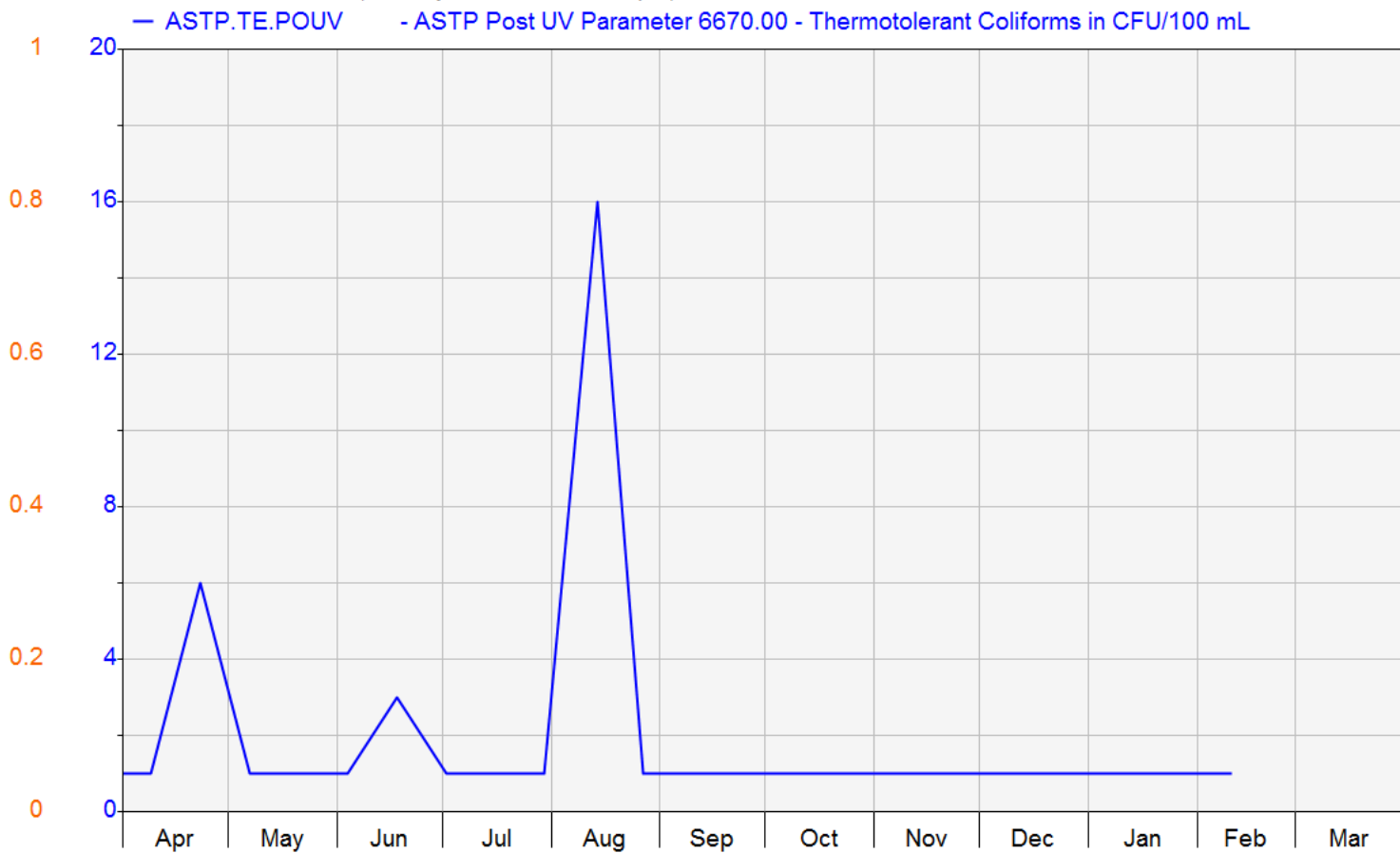


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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

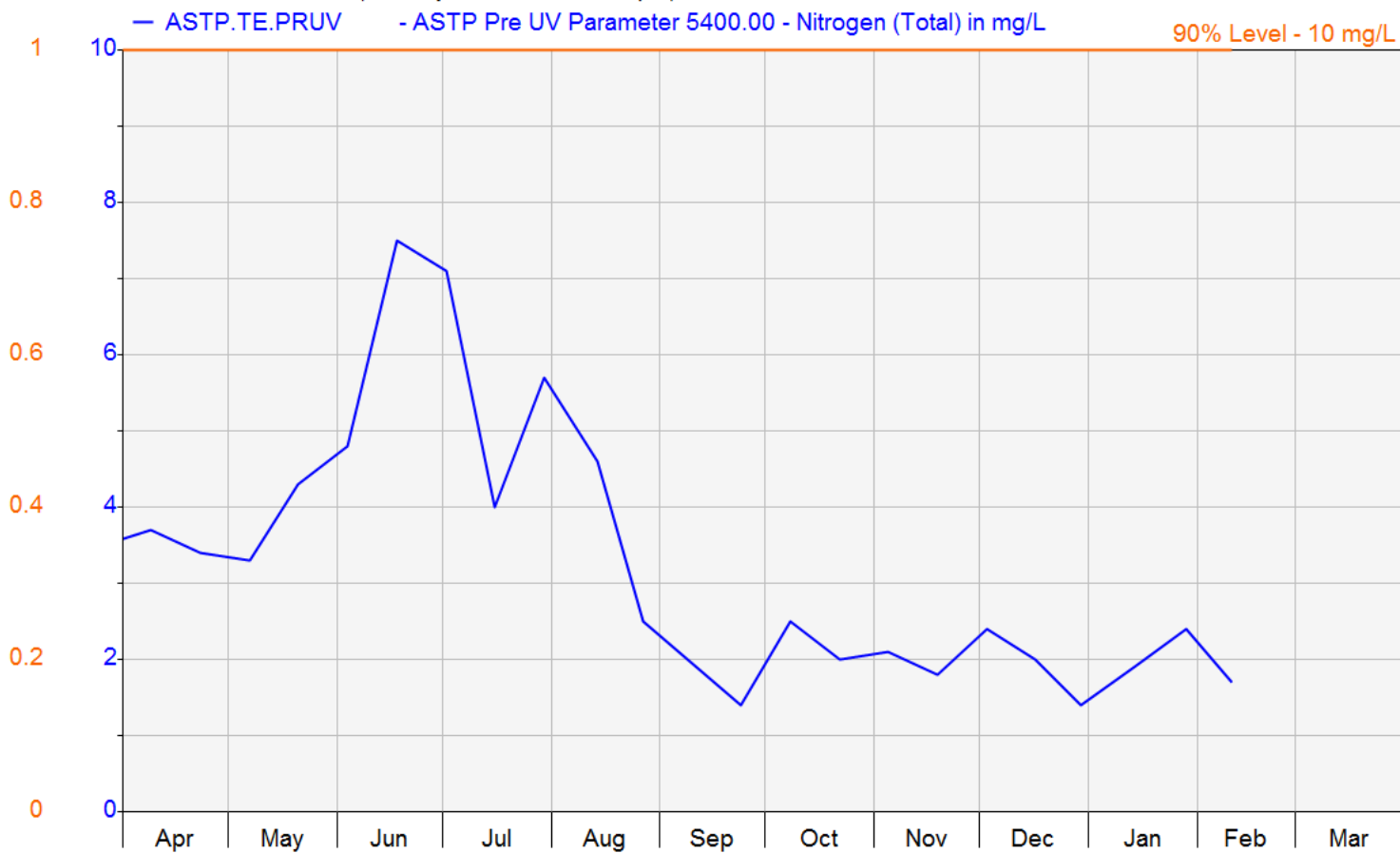


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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)



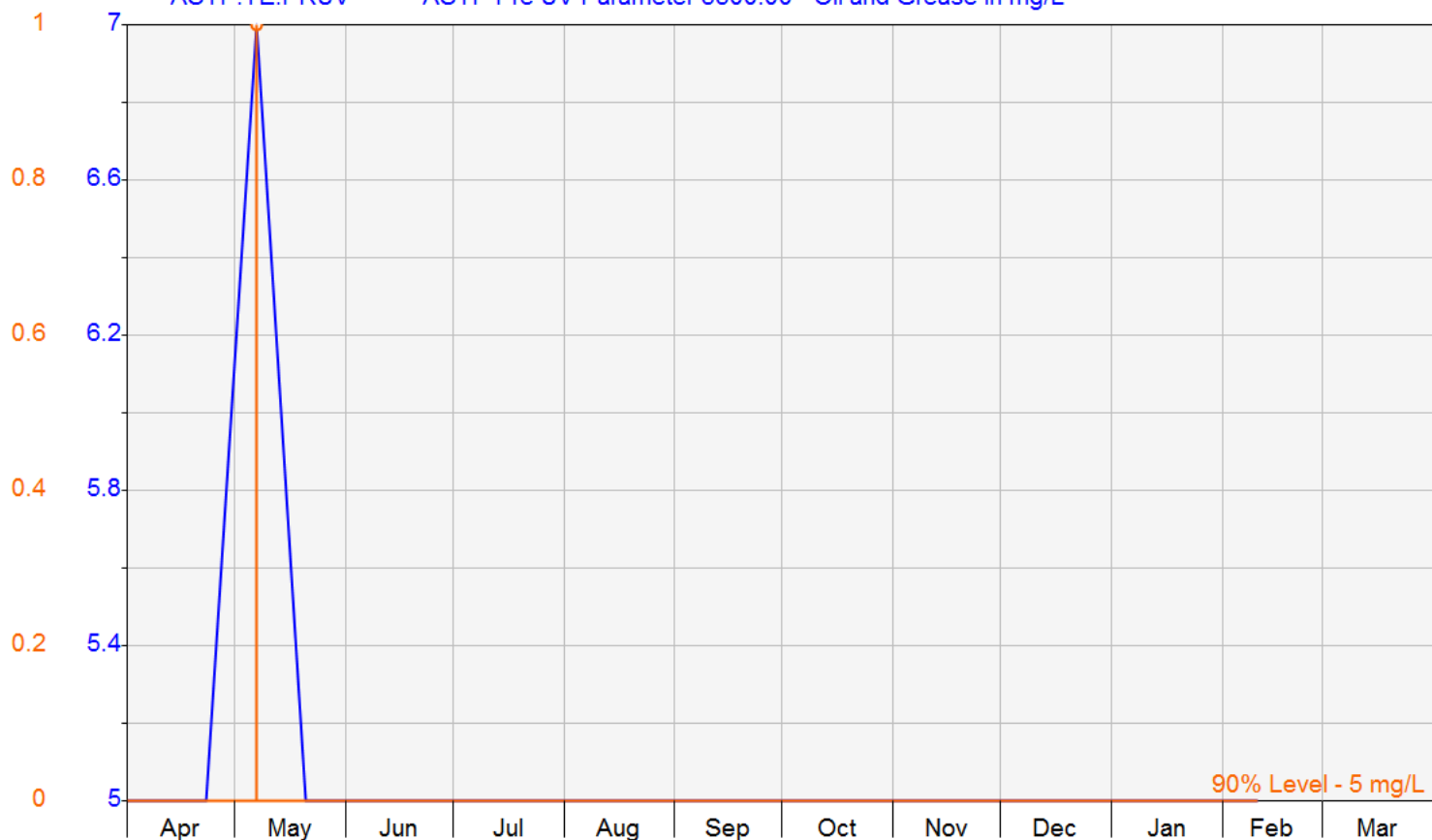
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

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



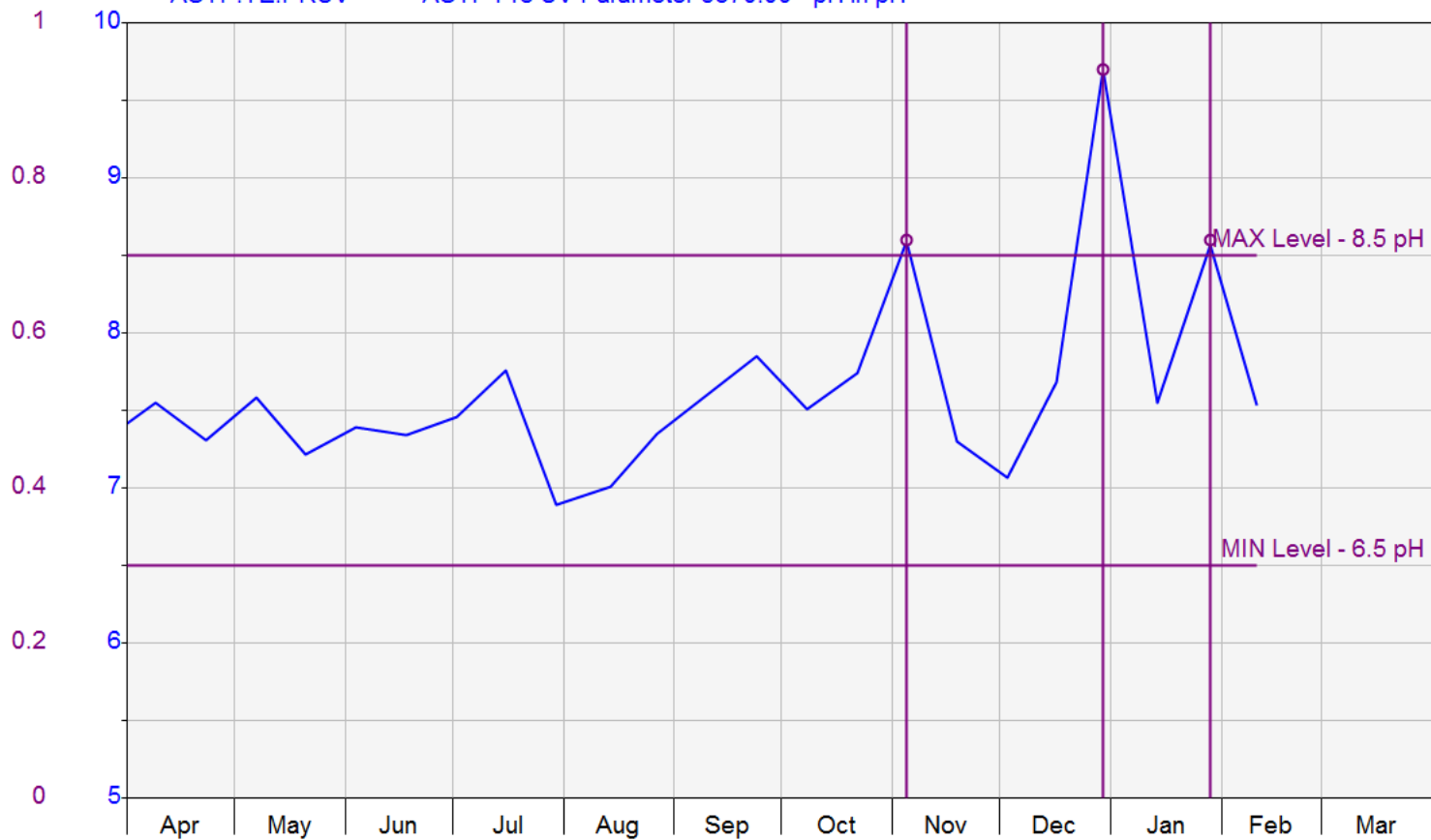
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

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



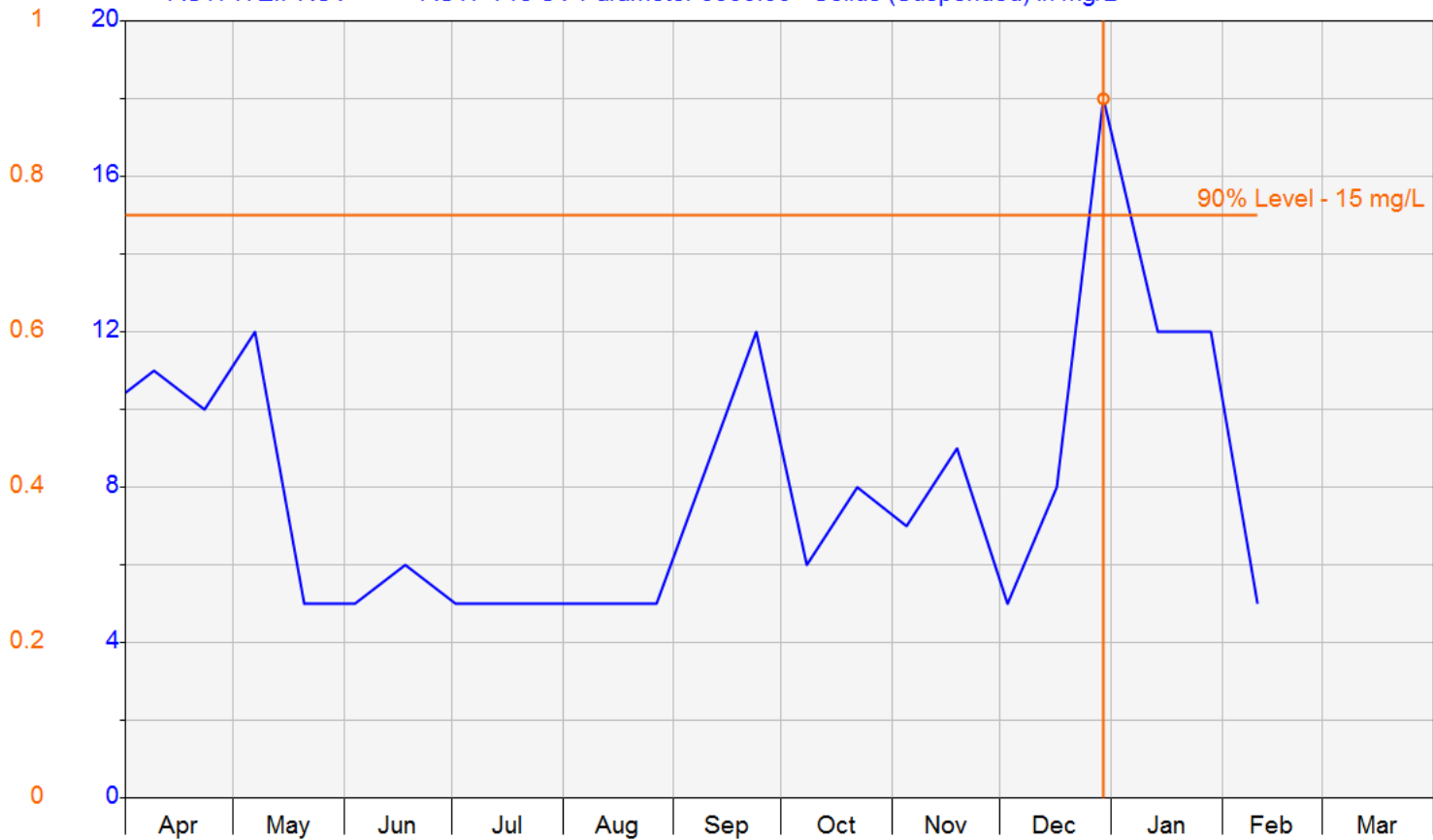
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

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



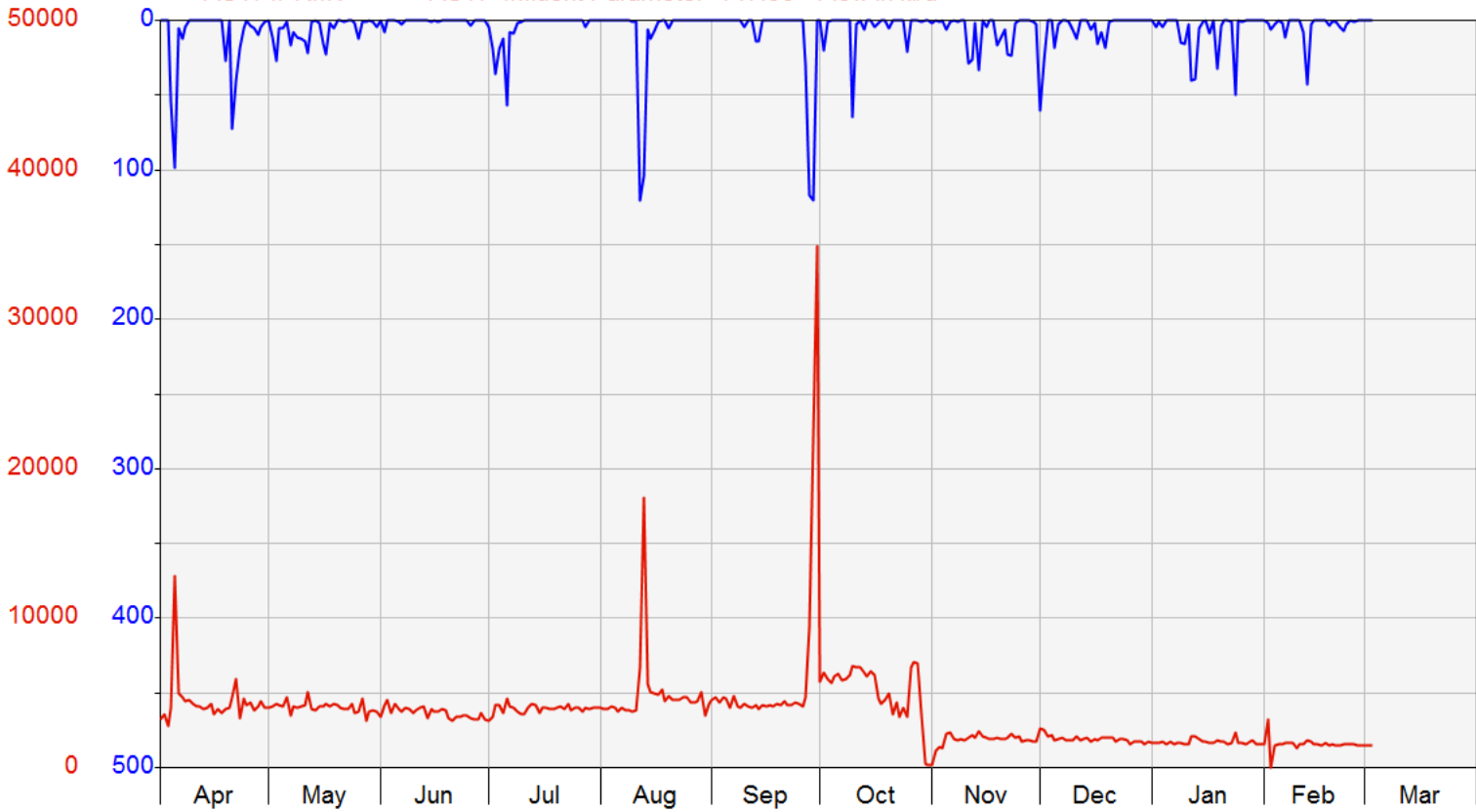
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

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



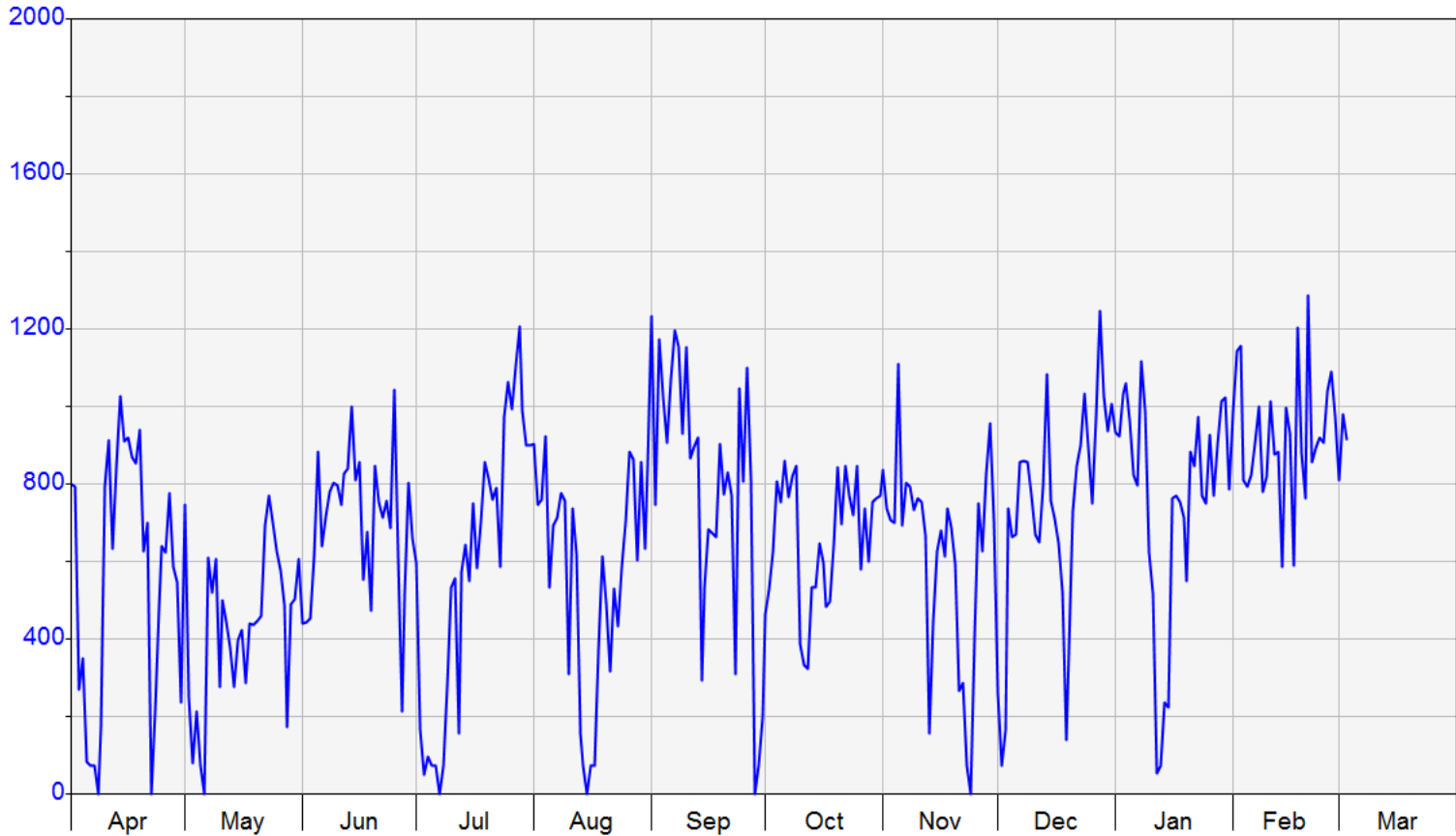
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01/04/2024 to 01/04/2025

2024-25

Current Licence Year (Actually Since Previous April)

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

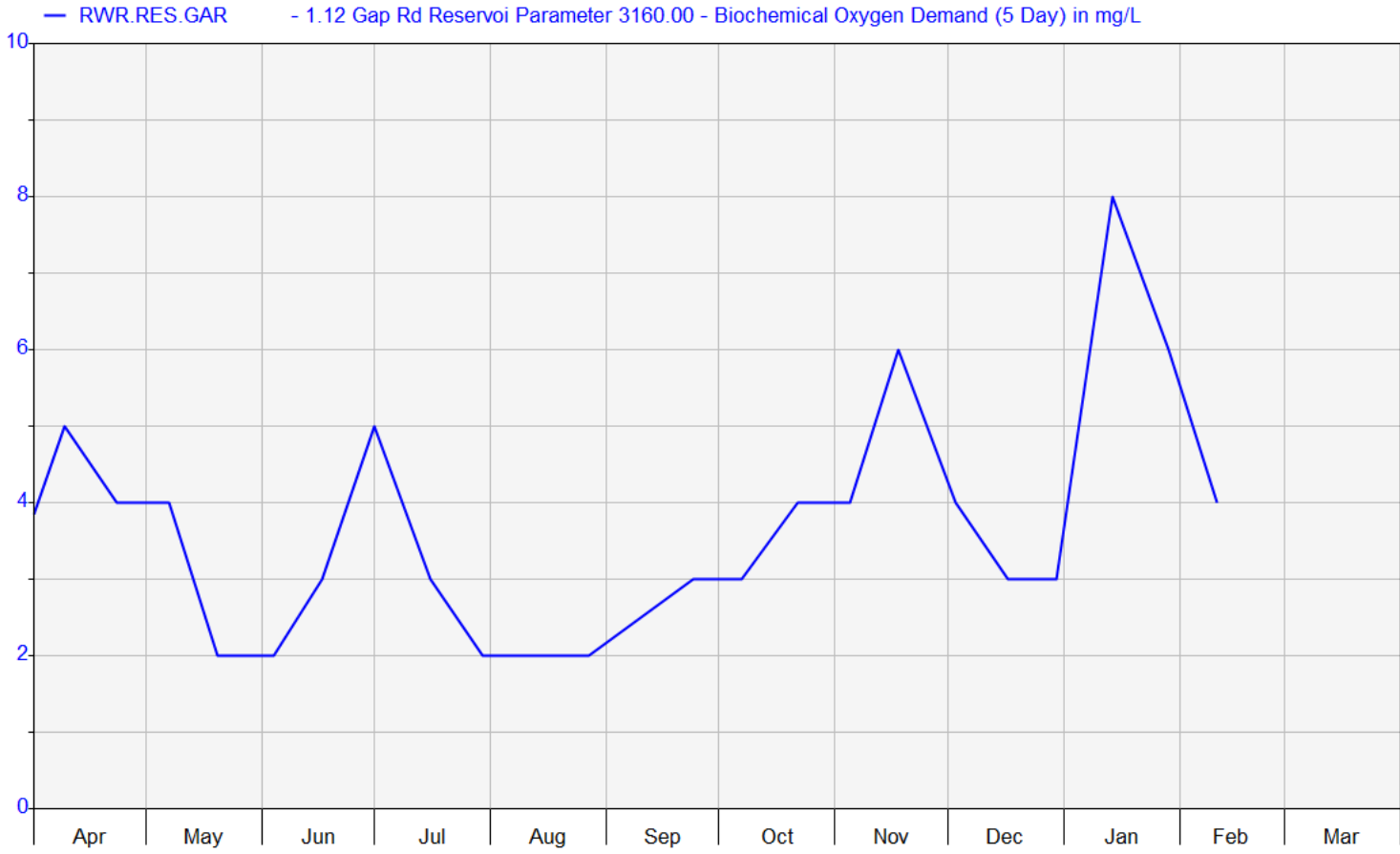


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01/04/2024 to 01/04/2025

2024-25

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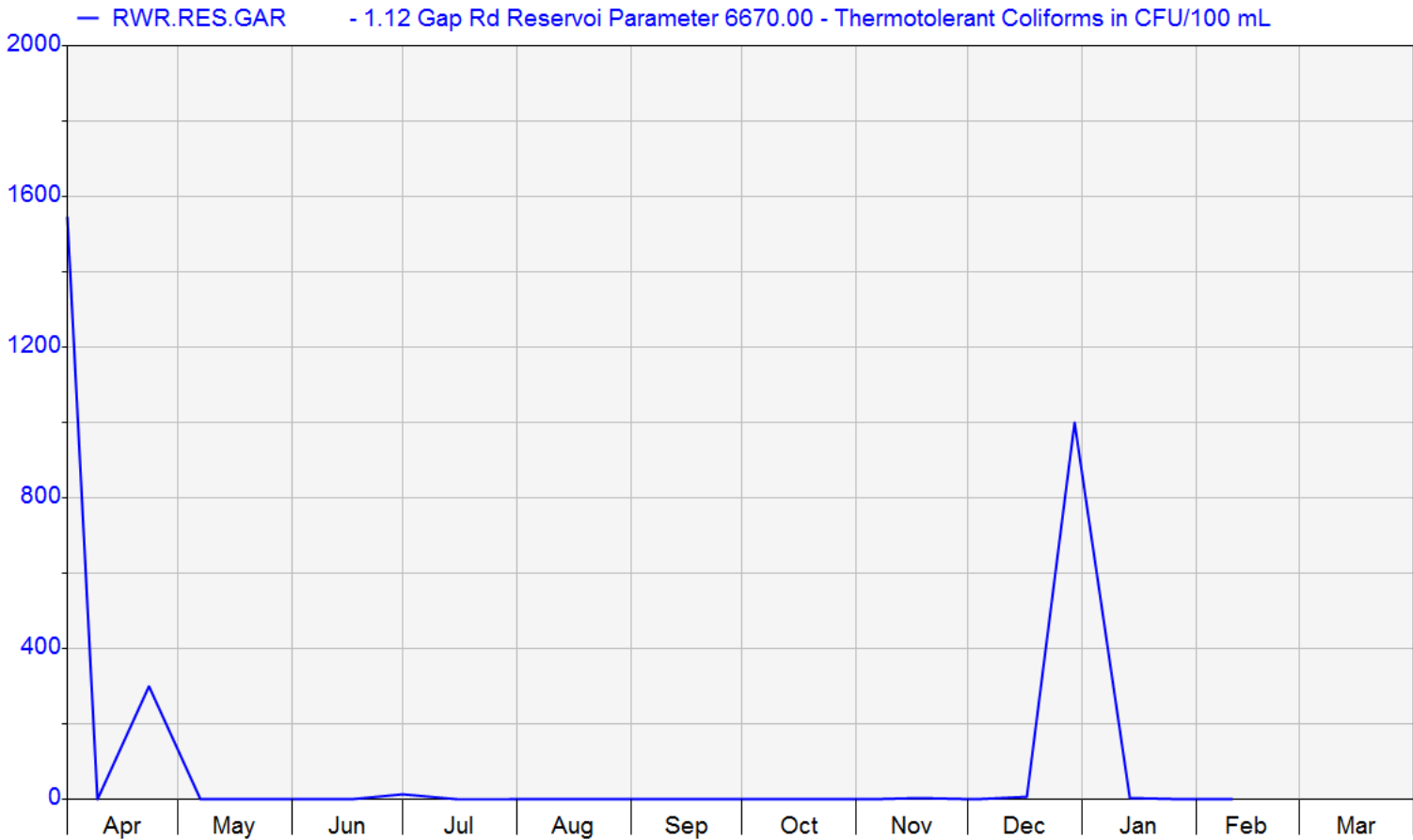


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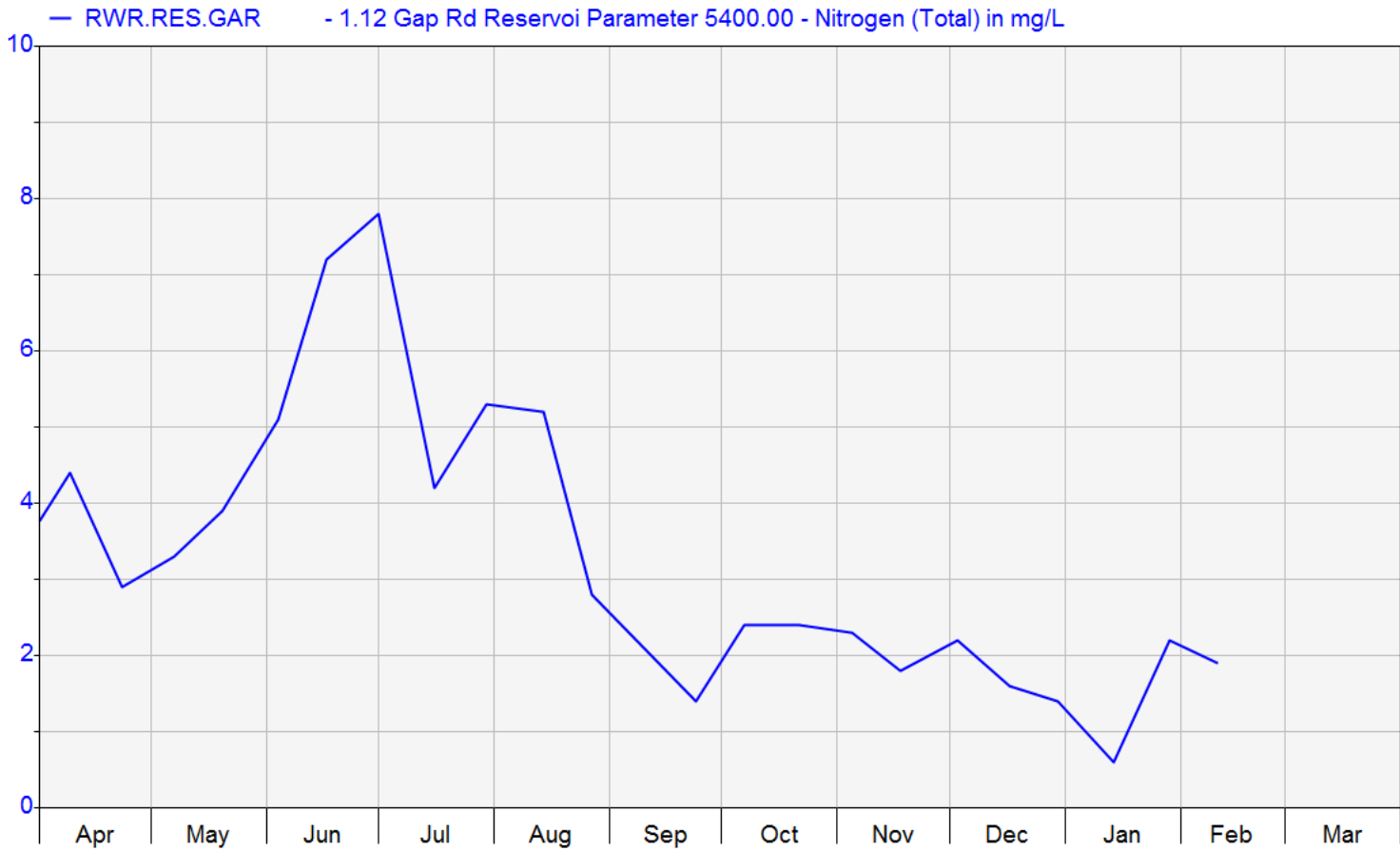


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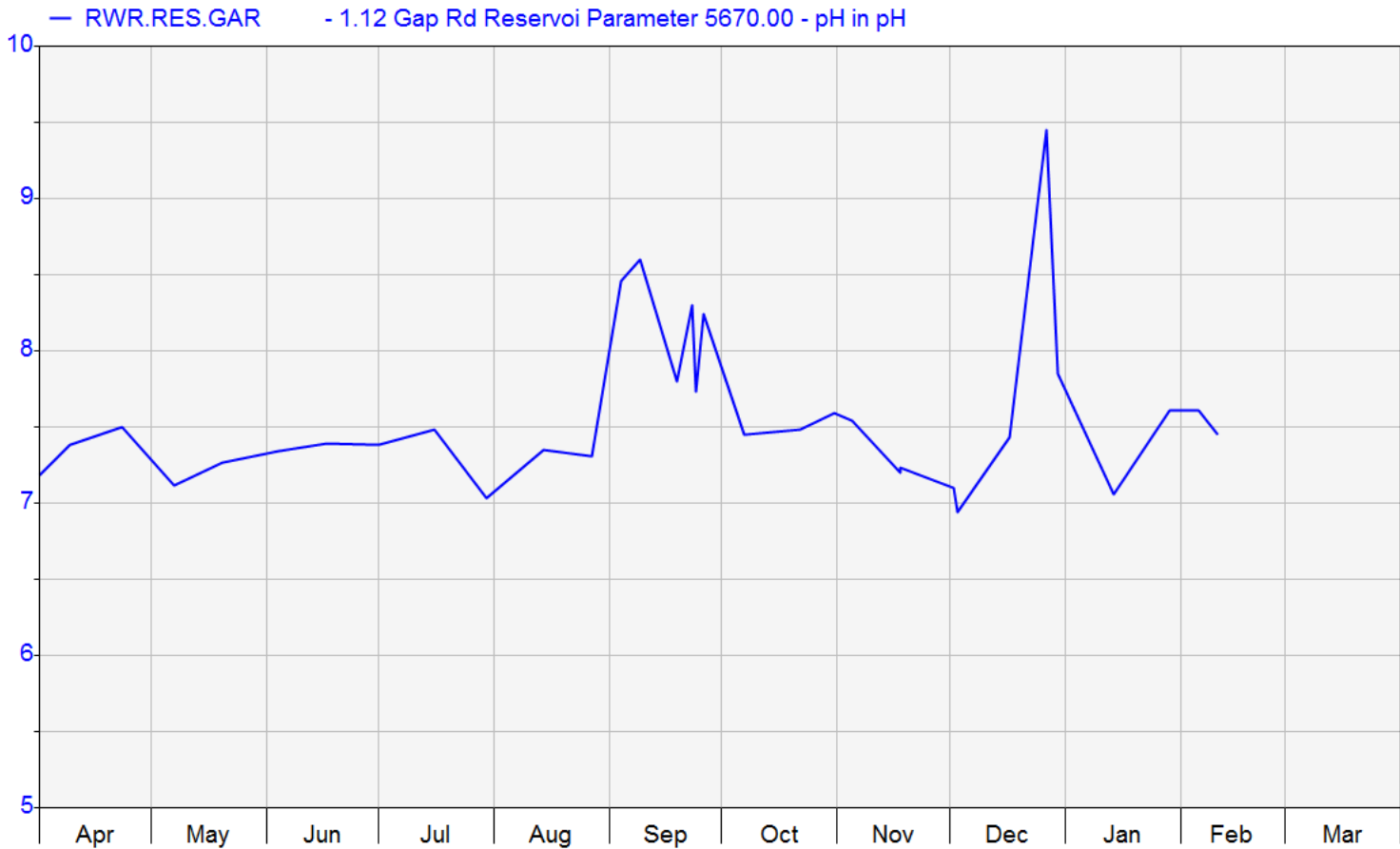


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01/04/2024 to 01/04/2025

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



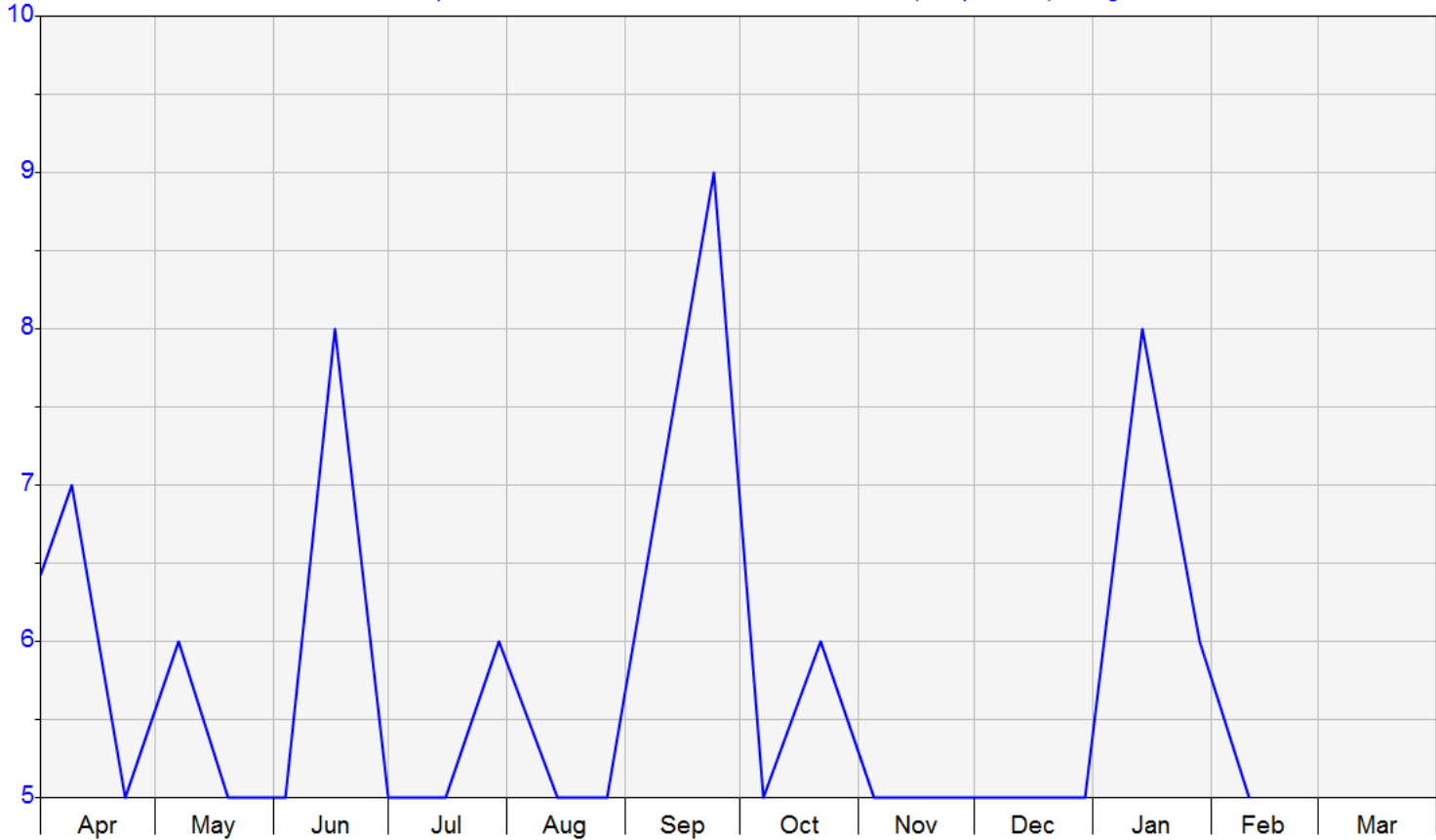
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01/04/2024 to 01/04/2025

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



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

