



EPL 283-01 2024 - 2025 Monitoring Report



Reporting Period: 24th November 2024 – 24th November 2025

Date Submitted: 5th January 26

Version Number: 2

Submitter Details: Kane Taylor, Paspaley Pearling Company Pty Ltd



Executive Summary

This report outlines the following in relation to Environmental Protection Licence 283-01 for the reporting period of November 24, 2024, until November 24, 2025:

- Certification statement
- Monitoring objectives and plan
- Monitoring results
 - Presentation
 - Tabular representation
 - Graphical representation
 - Water discharge log
 - Quality assurance/Quality control evaluation
- Discussion and Interpretation of results
 - Exceedance report for Total Suspended Solids – December 24
 - Exceedance report for Total Suspended Solids – July 25
 - Exceedance report for Total Suspended Solids – September 25
 - Exceedance report for Total Suspended Solids – October 25
 - Exceedance report for Ammonia – September 25
 - Exceedance report for Ammonia – October 25
- Conclusion and proposed actions



Certification Statement

I Kane Taylor, Assistant Manager – Spat Production, have reviewed this report and I confirm that to the best of my knowledge and ability all the information provided in the report is true and accurate.

A handwritten signature in dark ink, appearing to be 'Kane Taylor', written in a cursive style.

5th January 2026



Monitoring Plan and Objectives

The monitoring conditions are specified in sections 26, 27, 28, 29, 30, 31, 32 and 33 in the Environmental Protection Licence (EPL 283-01). The specific details of the surface water monitoring plan are as follows:

				Sample Locations ¹			
Site Code				TSF Discharge 1 (Discharge Pond - Monitoring point for assessment of discharge water quality)	TSF Ambient 1 ² (Compliance point – where discharge water enters the Blackmore River)	TSF Ambient 3 (Monitoring point for assessment of background ambient water quality in Darwin Harbour)	INLET (Monitoring point for water being pumped into the facility)
Longitude				130.912222	130.910639	130.901938	130.908591
Latitude				-12.568233	-12.575809	-12.591187	-12.565763
Parameter	Abbreviation	Units	Trigger Values ³				
In situ (field) Measurements							
pH	pH	pH units	6.0-8.5	W	M	M	W
Electrical Conductivity	EC	µS/cm	NA	W	M	M	W
Dissolved Oxygen	DO	% saturation	80-100%	W	M	M	W
Turbidity	NTU	NTU	<4 ⁴	W	M	M	W
Temperature	T	°C	NA	W	M	M	W
Parameters to be assessed at a NATA accredited laboratory							
Biological Oxygen Demand	BOD	mg/L	NA	M	M	M	M
Total Suspended Solids	TSS	mg/L	<10	M	M	M	M
Filterable Reactive Phosphorous	FRP	µg/L	<10	M	M	M	M
Total Phosphorous	TP	µg/L	<30	M	M	M	M
Ammonia	NH ₃	µg/L	<20	M	M	M	M
Total Nitrogen	TN	µg/L	<300	M	M	M	M
Total Oxidised Nitrogen	NO _x	µg N/L	<20	M	M	M	M
Nitrate	NO ₃	µg/L	NA	M	M	M	M
Nitrite	NO ₂	µg/L	NA	M	M	M	M
Chlorophyll-a	Chl-α	µg/L	<4	M	M	M	M

W = Weekly during operation, when actively discharging wastewater in accordance with Table 2.

M = Monthly during operation, when actively discharging wastewater in accordance with Table 2.

NA = Not Available

¹ Monitoring Locations are shown in Attachment 3.

² For monitoring at this location, the sample must be collected during an outgoing or turning tide (not an incoming tide).

³ Water Quality Objectives for the Darwin Harbour Region – Blackmore River Estuary, to be applied to the compliance point (TSF Ambient 1).

⁴ Only applies where the turbidity value at TSF Discharge 1 is greater than the INLET on same sampling occasion.



Monitoring Results - Presentation

Tabulation of Results

In situ (field) Measurements for the EPL 283 Surface Water Monitoring Plan November 2024 – November 2025

Date	TSF Ambient 1							TSF Ambient 3							TSF Inlet 1							TSF Discharge 1						
	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	pH	Electrical Conductivity (µS/cm)	Temperature (°C)	Turbidity (NTU)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	pH	Electrical Conductivity (µS/cm)	Temperature (°C)	Turbidity (NTU)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	pH	Electrical Conductivity (µS/cm)	Temperature (°C)	Turbidity (NTU)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	pH	Electrical Conductivity (µS/cm)	Temperature (°C)	Turbidity (NTU)	Salinity (ppt)
29/11/2024															5.11	85.1	7.62	52.071	30.2	34.8	34.11	6.03	104.7	8.39	51.568	31.6	6.72	33.69
6/12/2024	5.98	95	8.16	55.634	31.2	11.17	36.72	5.81	92.4	8.26	55.577	31.3	13.06	36.67	4.3	72	8.13	55.784	31.4	34.8	36.82	5.87	95.8	8.45	54.005	31.7	17.47	35.48
13/12/2024																												
20/12/2024																												
27/12/2024																												
3/01/2025																												
10/01/2025																												
17/01/2025																												
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30/05/2025																												
6/06/2025																												
13/06/2025																												
20/06/2025																												
27/06/2025																												
4/07/2025																												
11/07/2025															5.29	81.6	8.02	54.602	25.9	50	36.24	6.22	99.4	8.36	54.493	25.5	12.58	36.19
18/07/2025															5.75	89.2	8.11	55.484	27.1	35.2	36.88	6.01	93.8	8.4	55.287	27.4	10.63	36.55
25/07/2025	6.28	94.5	8.26	54.42	25.8	2.35	35.98	6.81	102.4	8.33	54.364	25.8	2.05	35.94	6.23	95.5	8.31	54.893	26.8	44.8	36.31	6.21	95.1	8.48	54.858	26.8	3.4	36.28
1/08/2025															5.11	84.7	7.84	56.19	28.4	39.5	37.2	5.99	94.3	8.45	56.099	28.6	2.91	37.12
8/08/2025															5.86	94.8	7.94	56.658	29.7	25.3	37.54	6.22	96.9	8.56	56.052	29.3	6.34	37.1
15/08/2025															5.02	77	8.15	55.162	26.7	9.07	36.51	5.82	91.7	8.47	56.301	28.1	7.43	37.32
22/08/2025															5.04	80.2	7.67	56.432	28.8	33.3	37.4	6.17	97.9	8.47	56.921	28.4	5.79	37.78
29/08/2025	6.11	93.8	8.46	55.401	26.8	5.21	36.69	6.06	92.9	8.51	55.144	26.7	8.86	36.5	5.68	87	8.43	55.567	26.6	12.01	36.82	6	94.4	8.68	57.04	27.8	0	37.89
5/09/2025															5.37	84.5	8.44	55.995	28.1	39.3	37.09	5.58	89.3	8.67	57.698	28.7	0	38.35
12/09/2025															5.71	88.1	8.19	55.713	29.9	40.1	36.94	6.61	107.1	8.92	56.989	29.7	5.51	37.79
19/09/2025															5.09	79.6	8.26	56.275	30.2	14.6	37.29	5.97	98	8.71	57.843	30.3	2.06	38.4
26/09/2025	5.43	86.6	8.43	56.007	29	5.5	37.08	5.53	88.2	8.45	55.682	29	7.89	36.83	4.69	74.7	8.35	56.189	28.8	8.4	37.22	5.98	97.1	8.6	58.527	29.4	1.76	38.95
3/10/2025															4.67	81.3	8.1	58.019	34	34.3	38.39	5.7	98.8	8.67	59.222	33.5	3.31	39.31
10/10/2025															4.66	81.4	8.13	58.247	34.8	27.3	38.51	5.87	98.4	8.65	59.483	33.6	9.31	39.45
17/10/2025															4.32	74.6	7.96	58.314	33.5	46.5	38.63	5.41	94.8	8.53	58.97	34.3	11.13	39.09
24/10/2025															4.11	70.7	8.05	58.073	32.5	12	38.45	5.33	90.53	8.55	59.209	33.1	8.72	39.3
31/10/2025	5.06	84.3	8.37	56.689	31.6	1.38	37.49	5.15	85.9	8.41	56.561	31.6	0	37.39	3.95	66.1	8.14	57.518	31.6	20.8	38.11	5.2	88.6	8.59	59.252	32.4	4.53	39.38
7/11/2025															4.07	62.8	8.3	55.912	30.7	29	36.94	3.87	63.6	8.57	56.873	30.7	9.2	37.66
14/11/2025															4.39	65.8	8.09	55.524	31.5	35.2	36.73	4.2	70.5	8.55	54.047	31.3	9.04	35.9
21/11/2025															4.43	65.4	8.1	53.837	30.1	21.6	35.42	4.3	74	8.51	49.878	32.8	8.82	32.48

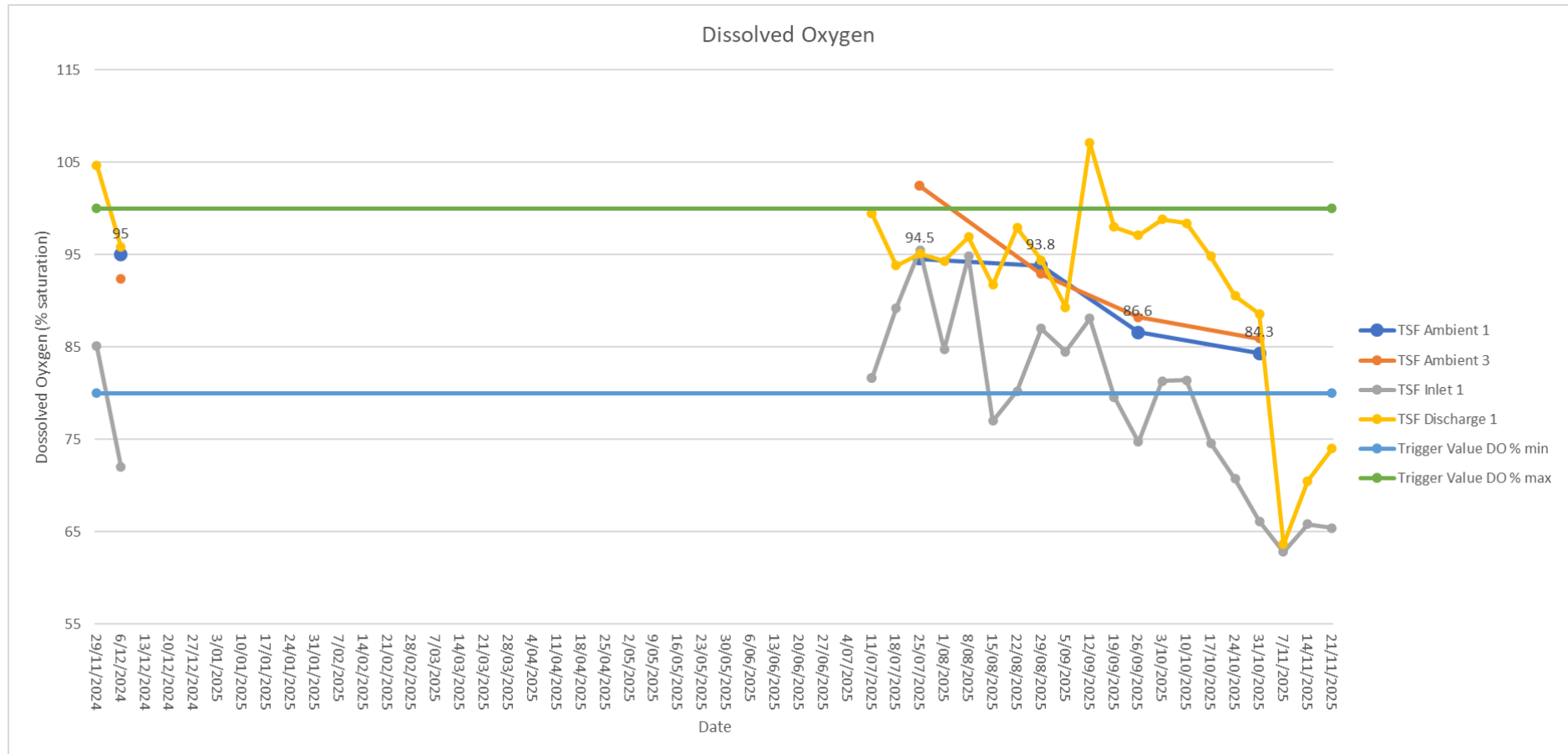


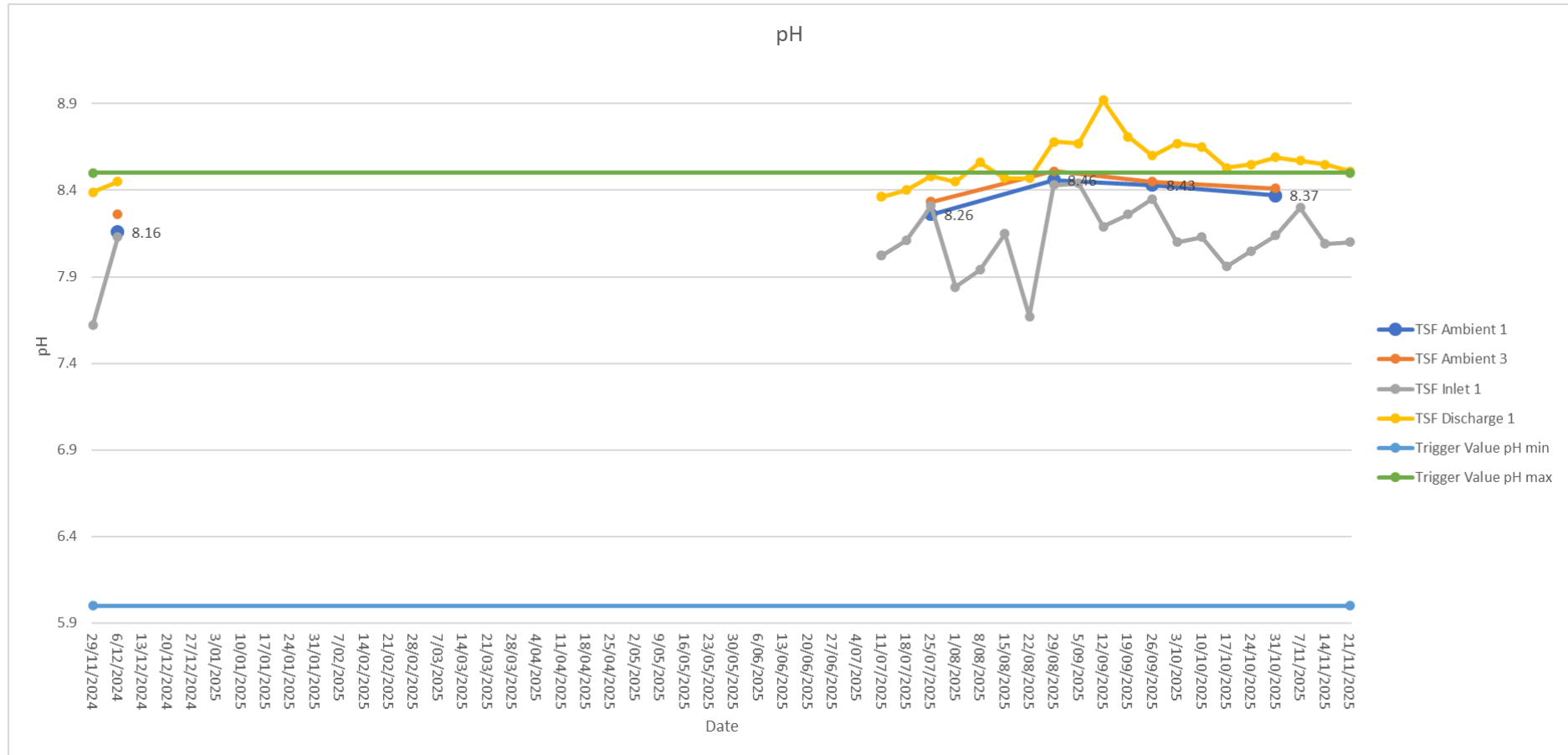
Parameters to be assessed at a NATA accredited laboratory for the EPL 283 Surface Water Monitoring Plan November 2024 – November 2025

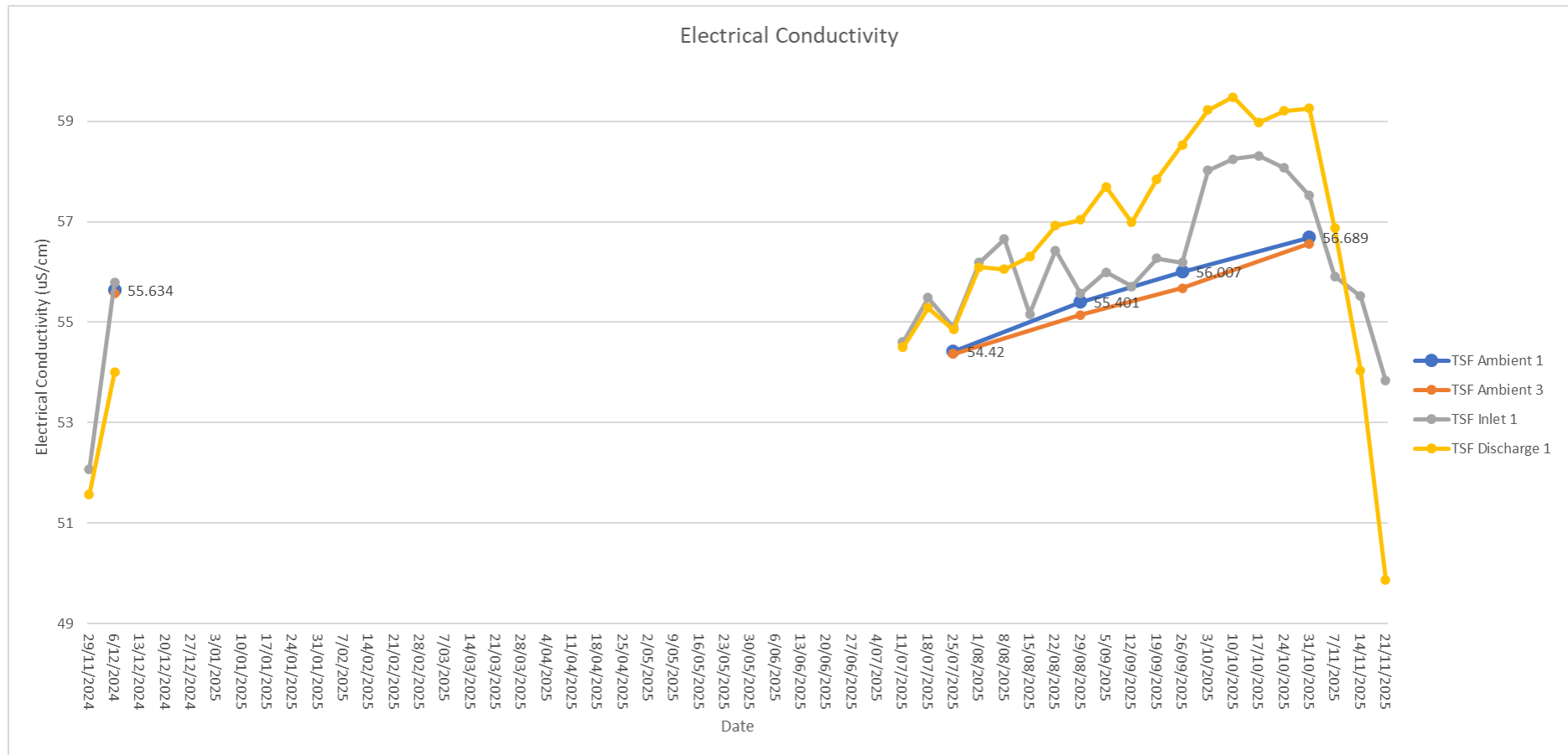
Reference Units	TSF Ambient 1										TSF Ambient 3										TSF Inlet 1										TSF Discharge 1											
	Total Suspended Solids mg/L	Biological Oxygen Demand mg/L	Chlorophyll a µg/L	Ammonia as N mg/L	Nitrate as N mg/L	Nitrite as N mg/L	NOx as N mg/L	Total Nitrogen mg/L	Phosphate as P mg/L	Phosphorus - Total mg/L	Total Suspended Solids mg/L	Biological Oxygen Demand mg/L	Chlorophyll a µg/L	Ammonia as N mg/L	Nitrate as N mg/L	Nitrite as N mg/L	NOx as N mg/L	Total Nitrogen mg/L	Phosphate as P mg/L	Phosphorus - Total mg/L	Total Suspended Solids mg/L	Biological Oxygen Demand mg/L	Chlorophyll a µg/L	Ammonia as N mg/L	Nitrate as N mg/L	Nitrite as N mg/L	NOx as N mg/L	Total Nitrogen mg/L	Phosphate as P mg/L	Phosphorus - Total mg/L	Total Suspended Solids mg/L	Biological Oxygen Demand mg/L	Chlorophyll a µg/L	Ammonia as N mg/L	Nitrate as N mg/L	Nitrite as N mg/L	NOx as N mg/L	Total Nitrogen mg/L	Phosphate as P mg/L	Phosphorus - Total mg/L		
29/11/2024																																										
6/12/2024	12	<5	<1	0.012	<0.005	<0.005	0.005	0.1	<0.005	0.03	22	<5	4	0.035	0.01	<0.005	0.02	0.1	0.01	0.03	23	<5	2	0.079	0.01	<0.005	0.02	0.3	0.005	0.04	18	<5	4	0.039	0.008	<0.005	0.01	0.2	<0.005	0.03		
13/12/2024	Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.											
20/12/2024	Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.											
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3/01/2025	Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.											
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7/02/2025	Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.											
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27/06/2025	Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.											
4/07/2025	Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.										Ponds empty. No discharge.											
11/07/2025																																										
18/07/2025																																										
25/07/2025	12	<5	2	<0.005	<0.005	0.01	0.02	0.1	0.008	<0.01	11	5	2	0.01	0.053	0.02	0.075	0.1	<0.005	<0.01	28	<5	4	0.02	0.005	0.005	0.01	0.4	0.01	<0.01	14	5	3	0.01	<0.005	0.009	0.009	0.2	<0.005	0.02		
1/08/2025																																										
8/08/2025																																										
15/08/2025																																										
22/08/2025																																										
29/08/2025	10	<5	1	<0.005	0.006	<0.005	0.008	<0.1	0.008	0.03	12	<5	2	<0.005	0.007	<0.005	0.009	0.1	0.008	0.04	10	<5	3	0.02	0.005	<0.005	0.006	0.3	0.007	0.04	11	<5	2	0.006	<0.005	<0.005	<0.005	0.2	<0.005	0.02		
5/09/2025																																										
12/09/2025																																										
19/09/2025																																										
26/09/2025	27	24	1	0.04	<0.005	<0.005	0.006	0.1	0.01	0.03	8	8	2	0.02	0.007	<0.005	0.008	0.1	0.008	0.03	16	56	1	0.02	0.006	0.006	0.006	0.2	0.01	0.04	8	59	2	0.02	0.006	<0.005	0.007	0.2	<0.005	0.03		
3/10/2025																																										
10/10/2025																																										
17/10/2025																																										
24/10/2025																																										
31/10/2025	16	<5	3	0.04	0.01	<0.005	0.01	0.1	0.01	0.02	<5	<5	2	<0.005	<0.005	<0.005	<0.005	0.1	0.01	0.02	21	<5	1	0.055	0.006	<0.005	0.006	0.3	0.01	0.02	13	<5	2	0.04	<0.005	<0.005	<0.005	0.2	<0.005	0.02		
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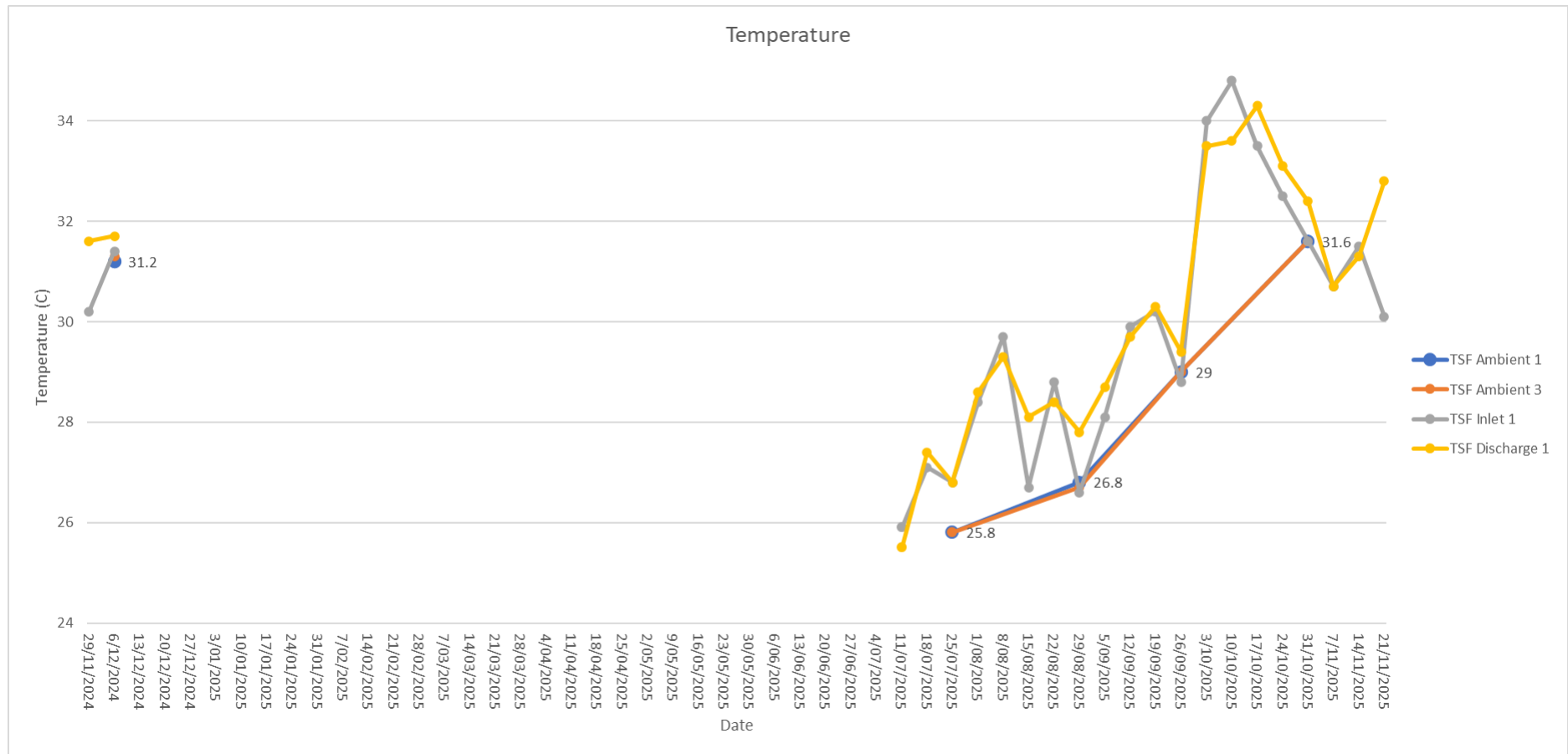


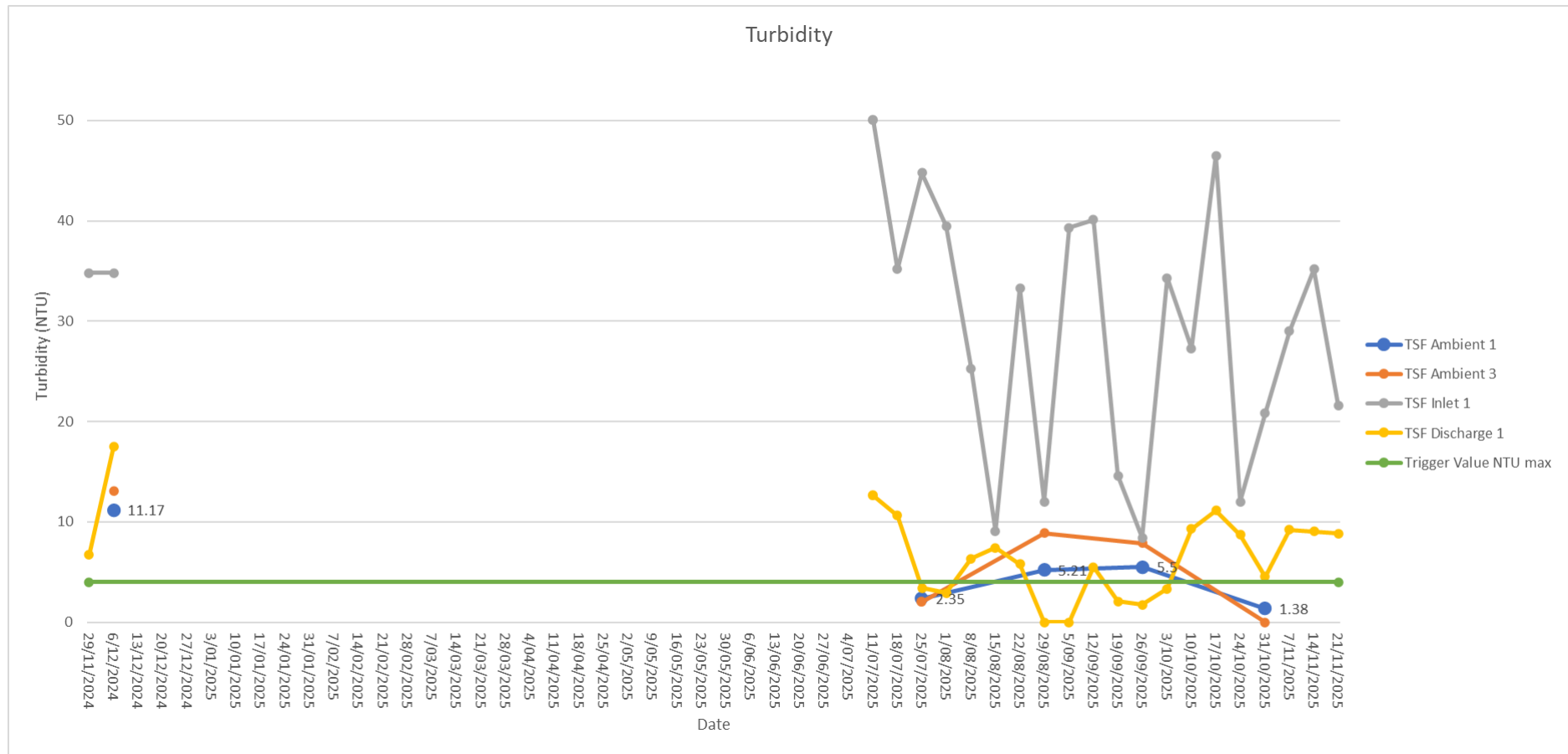
Graphs of Results

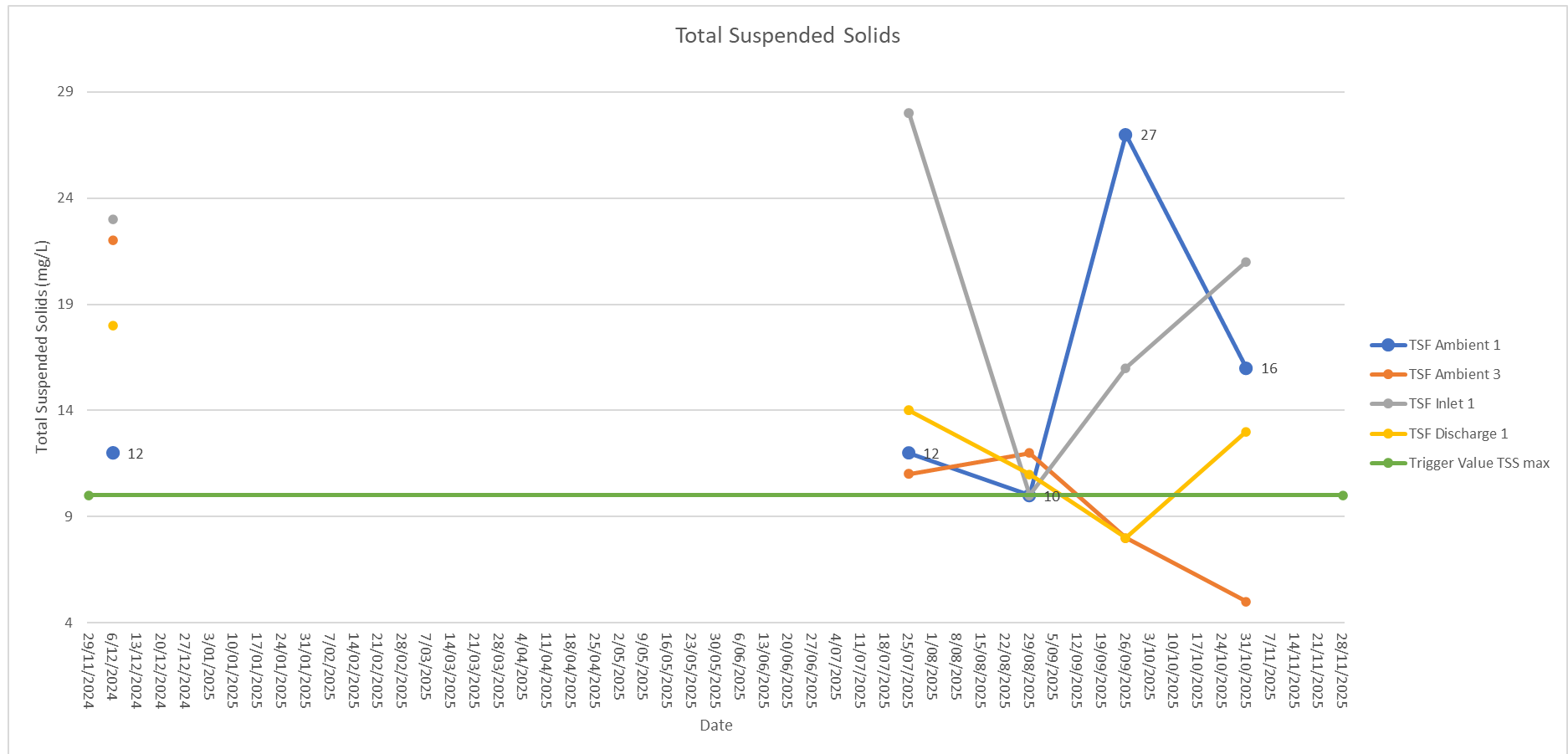


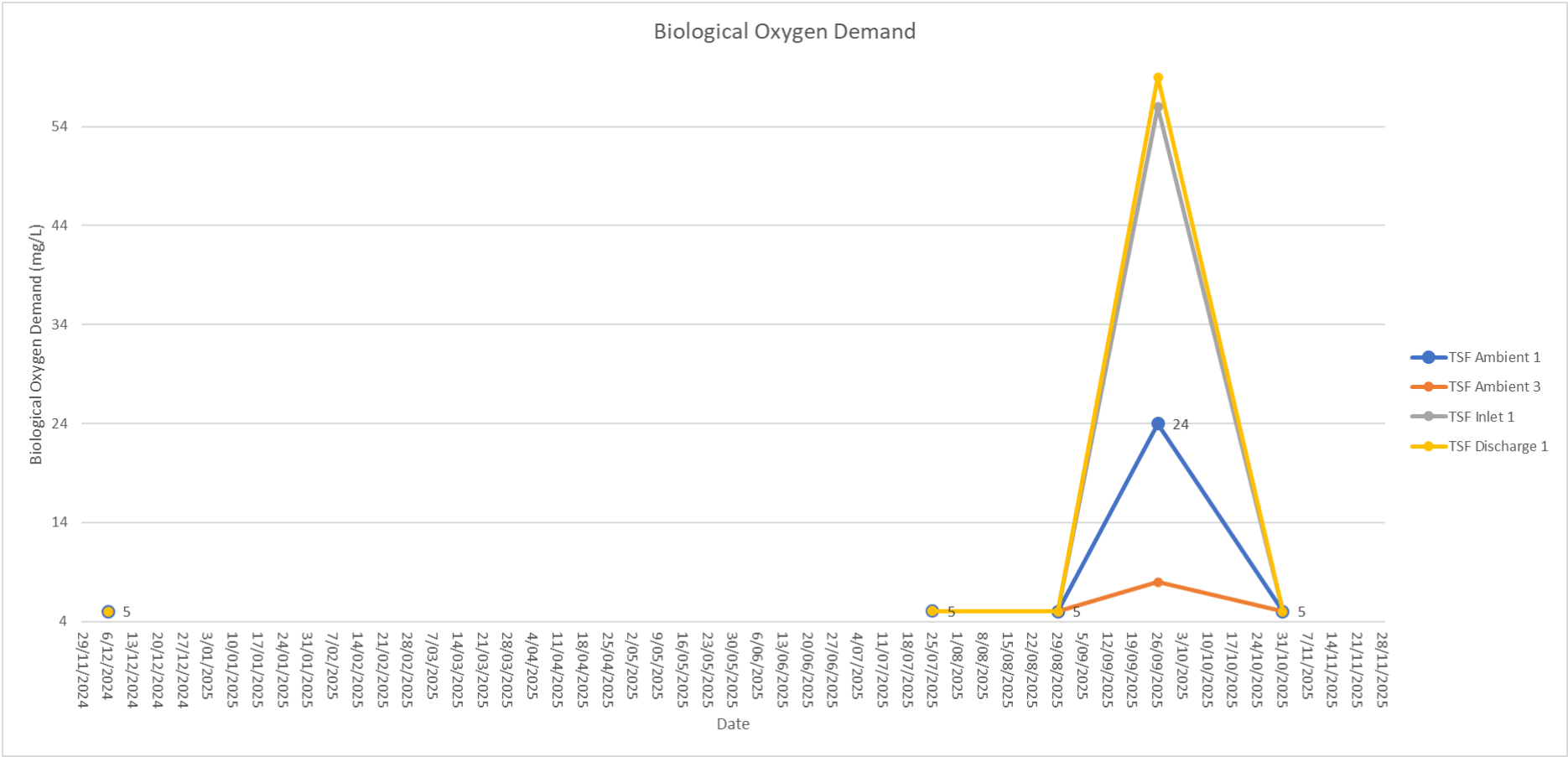


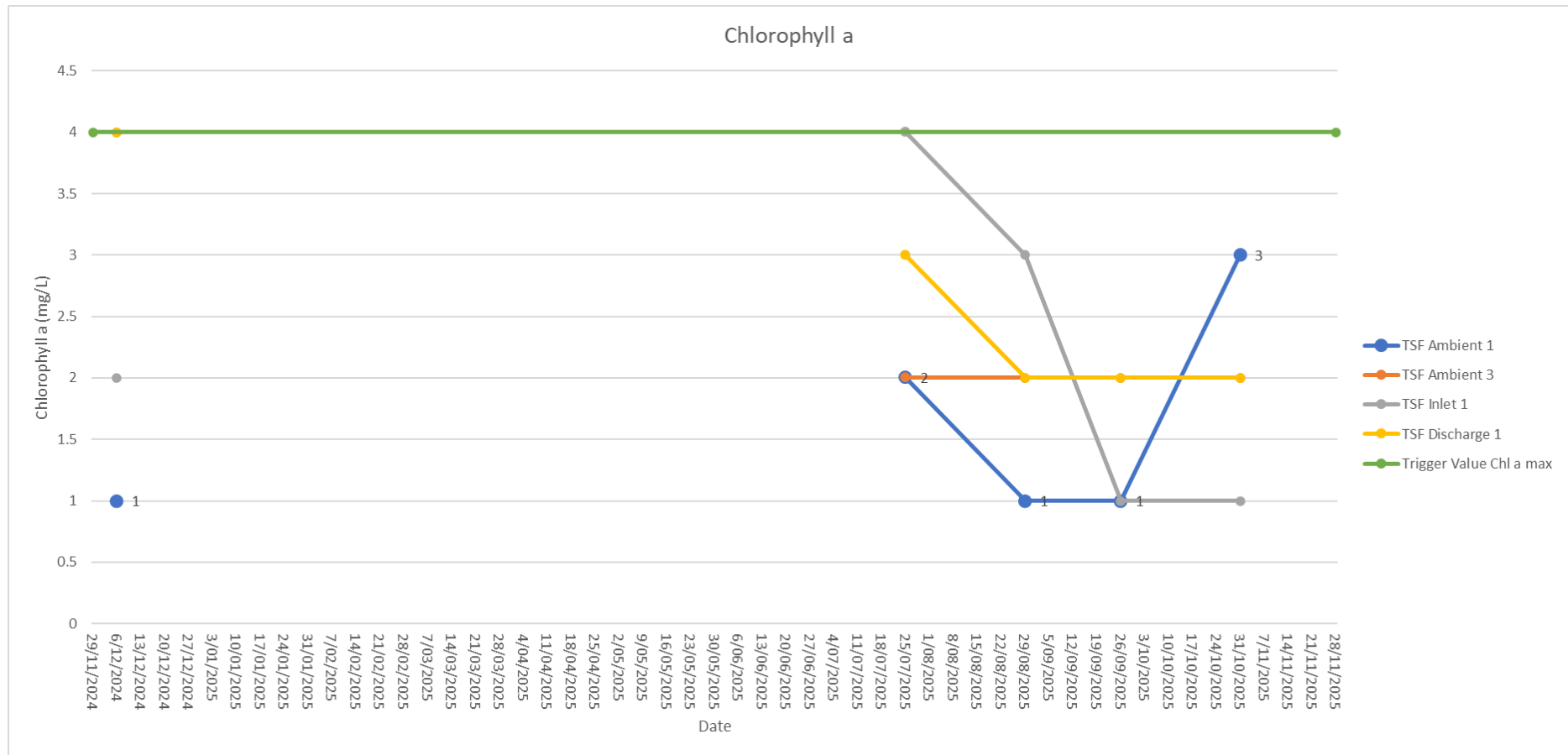


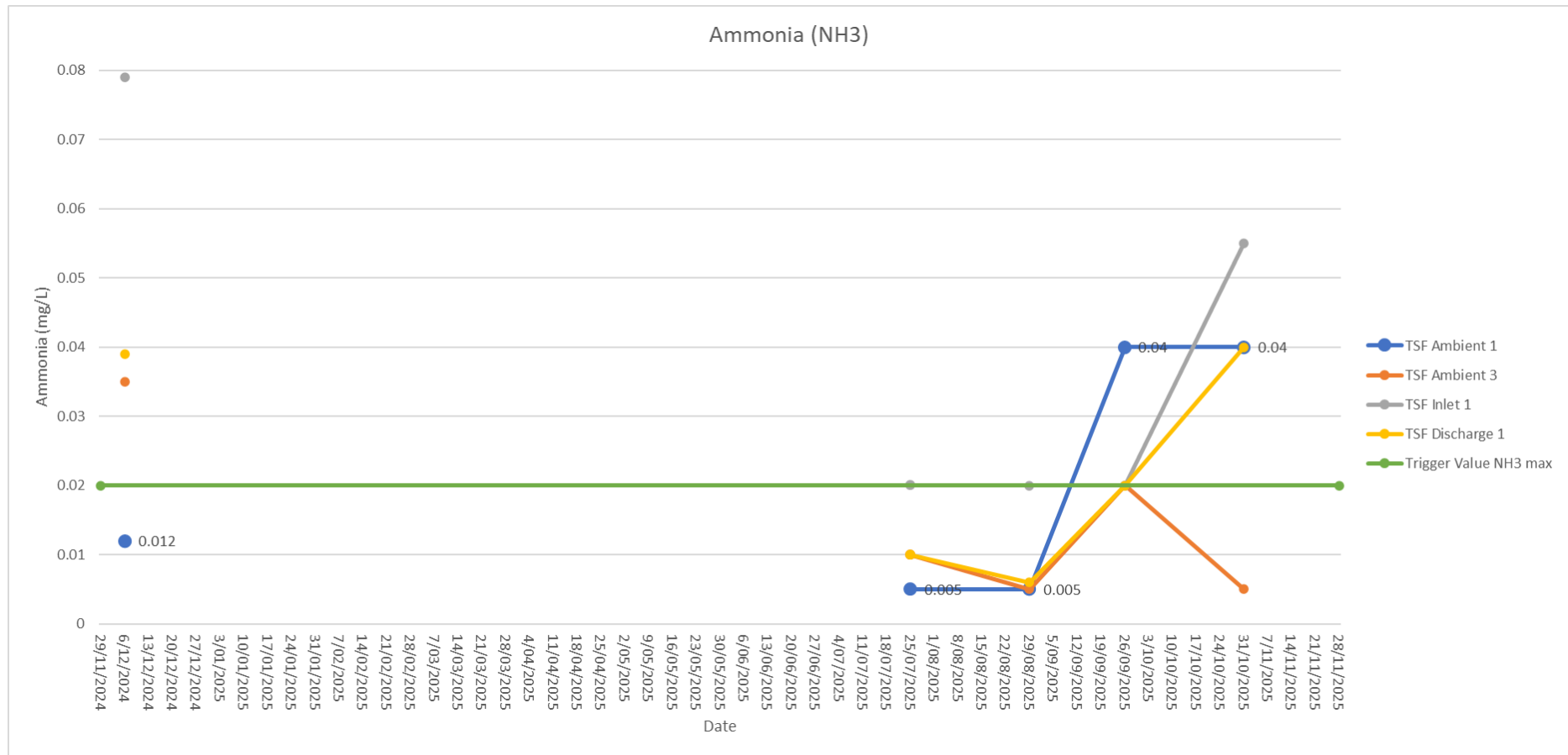


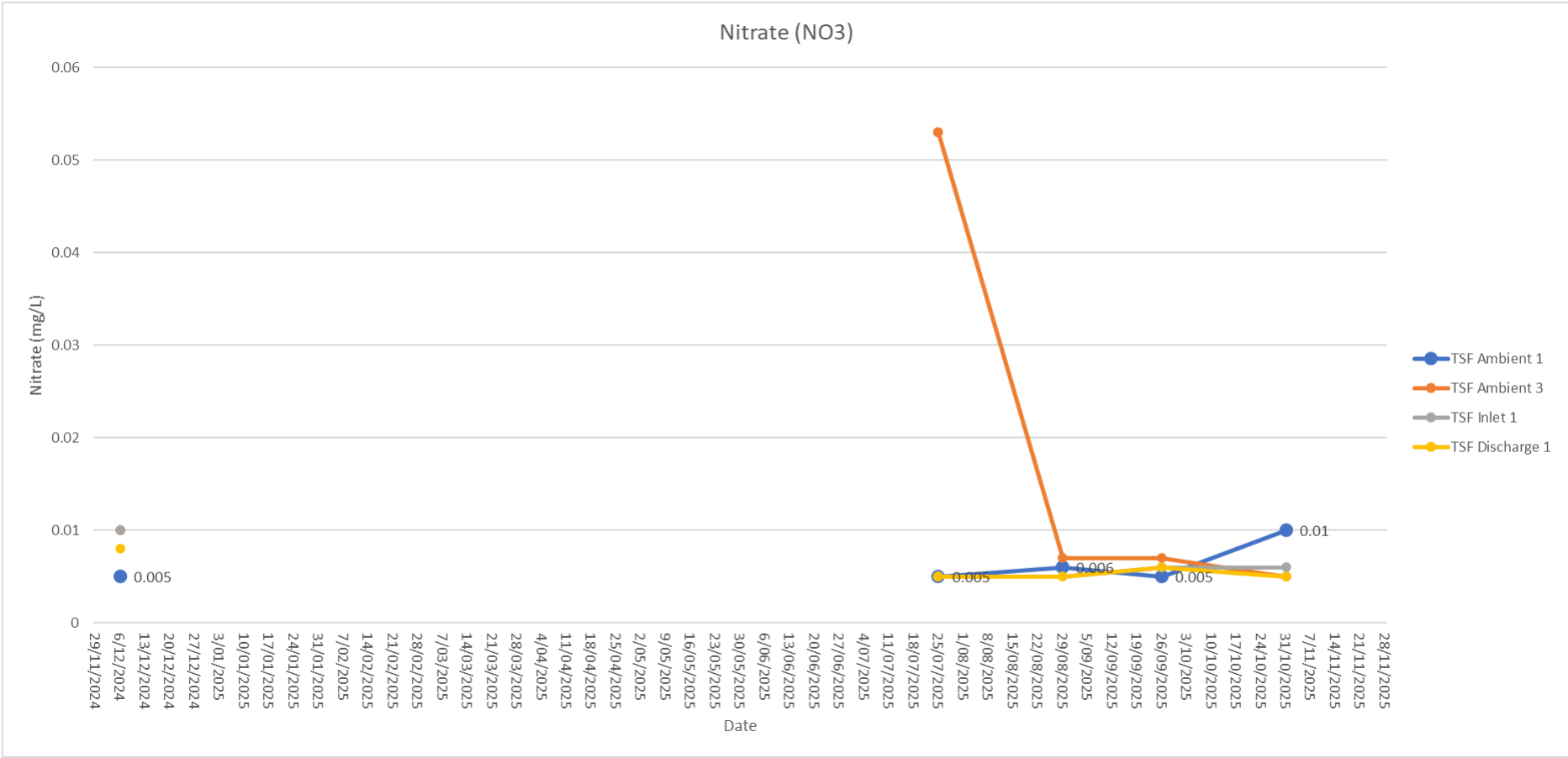


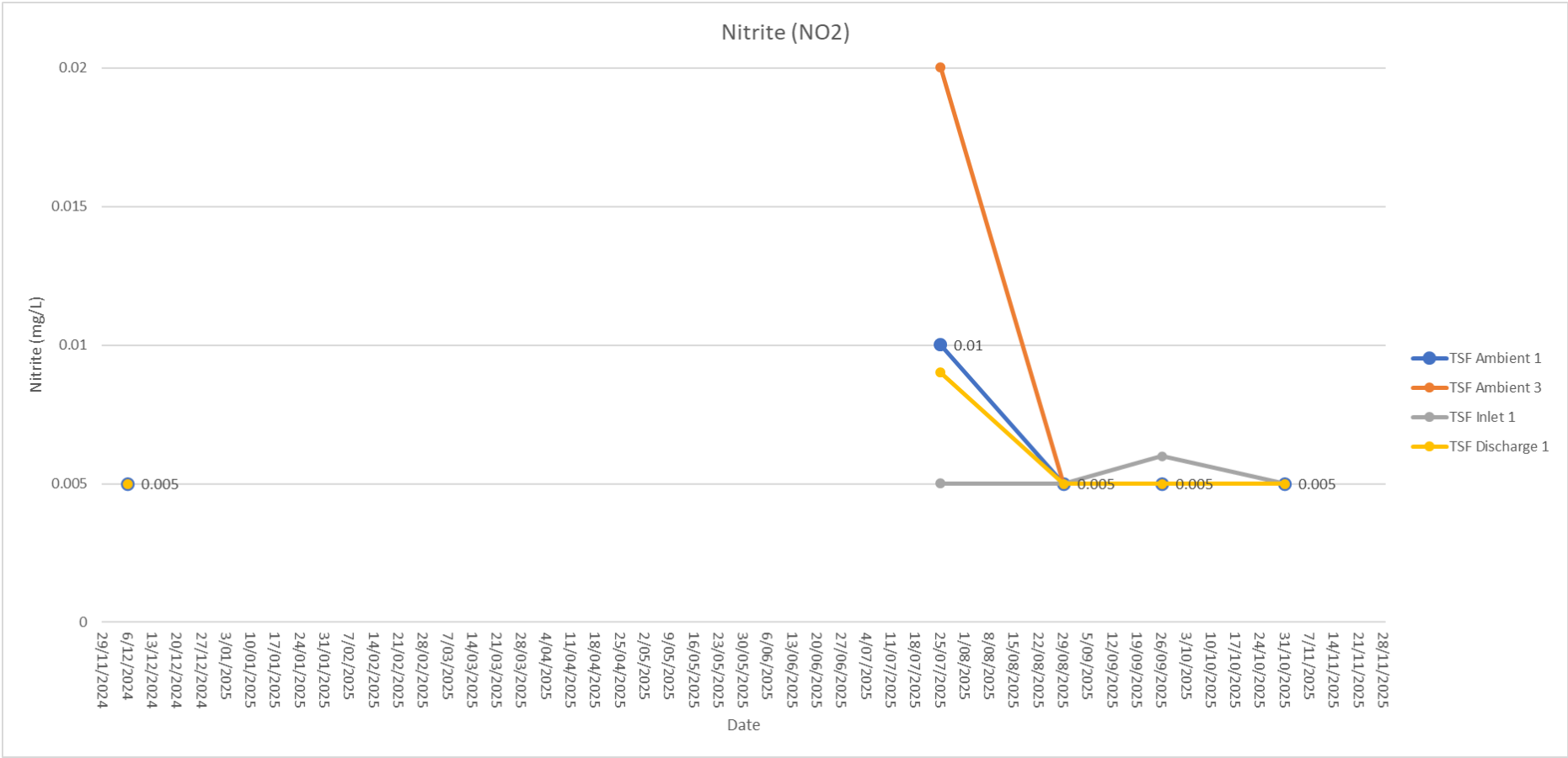


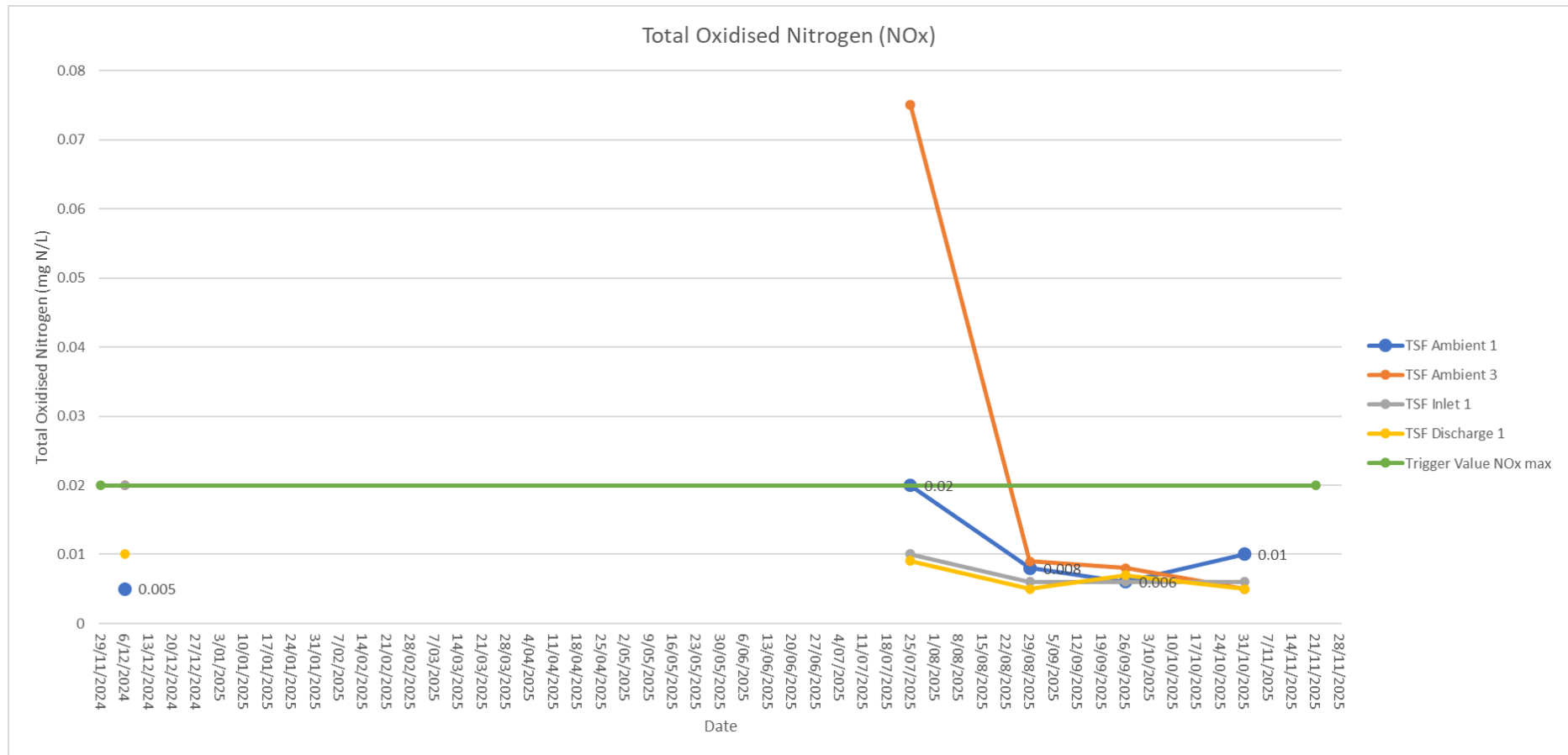


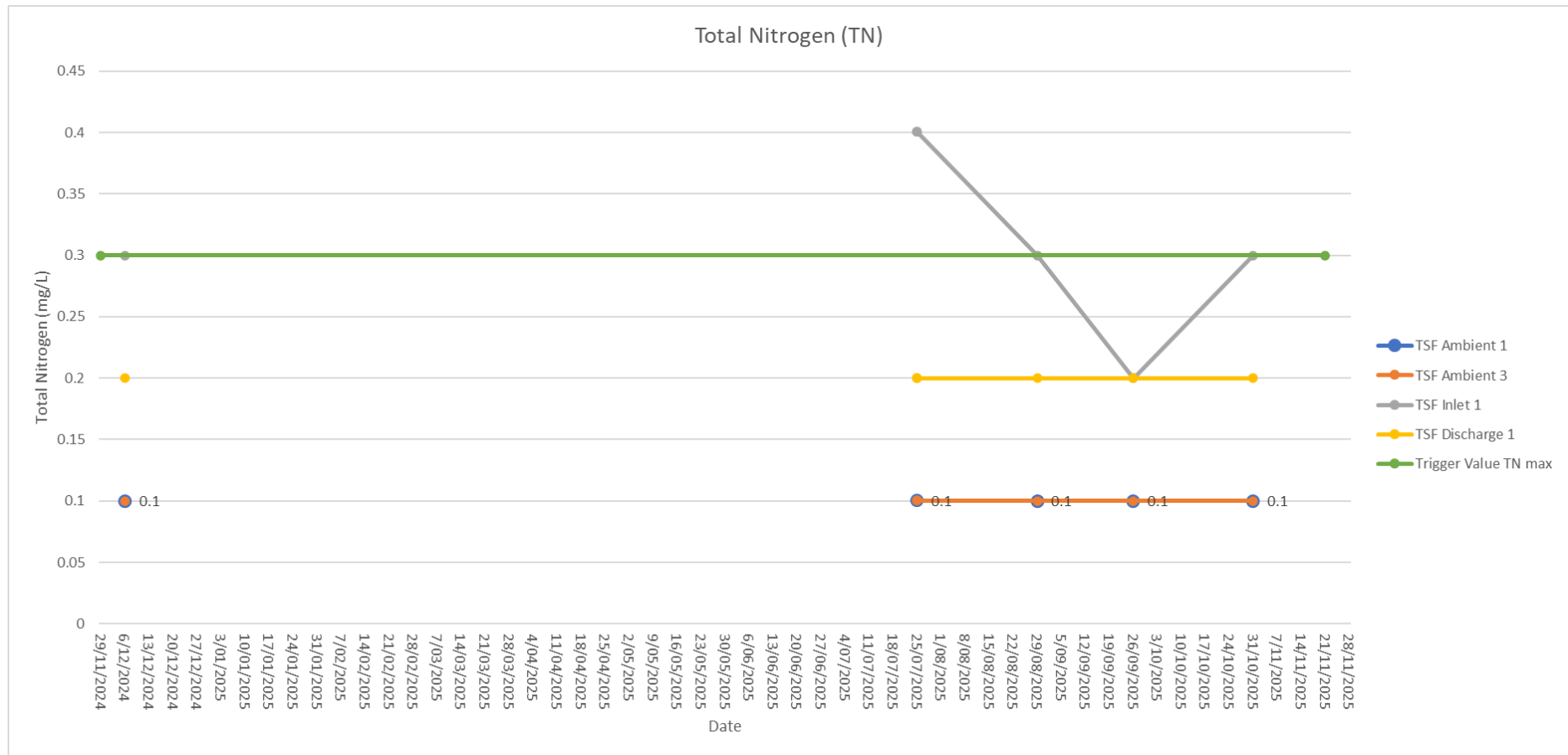


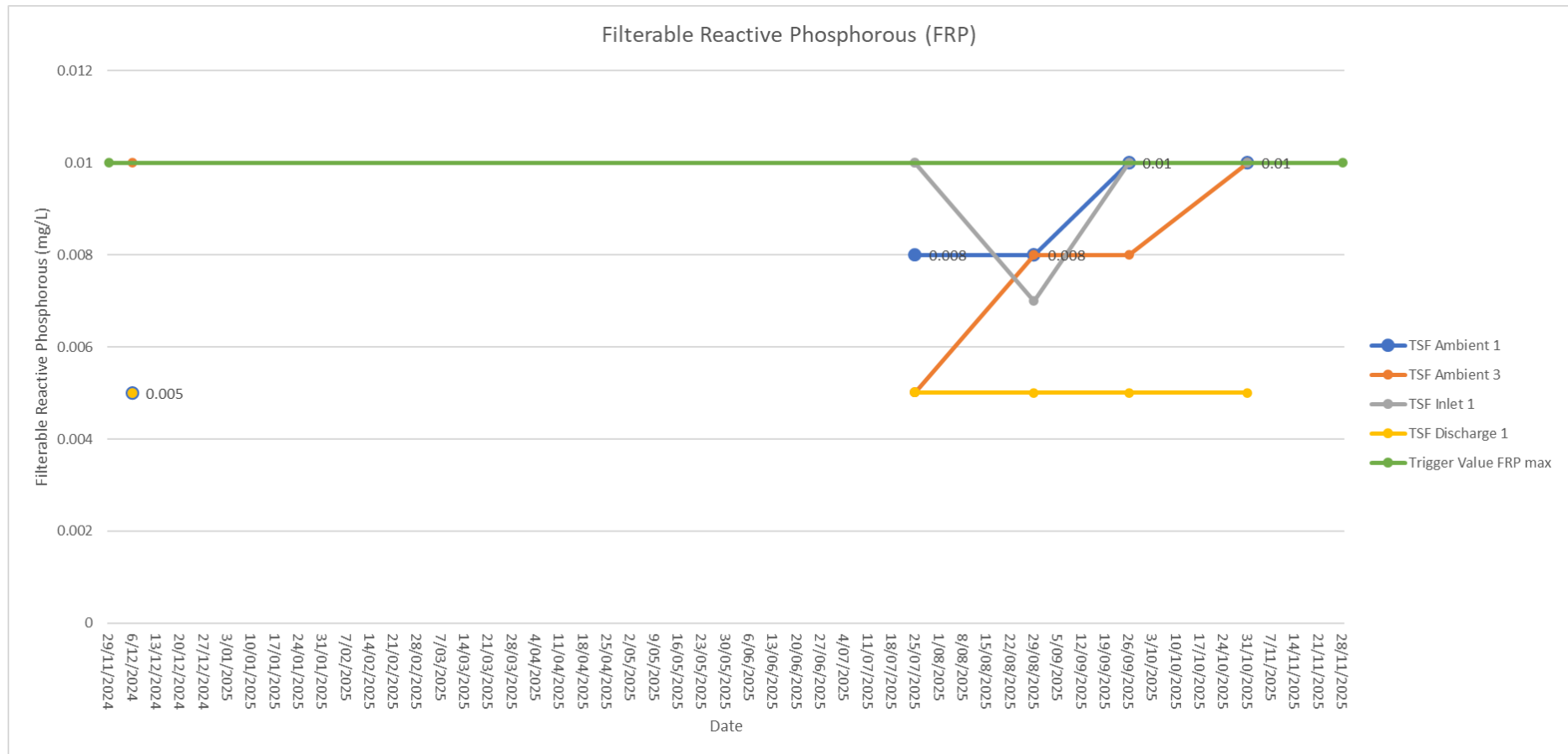


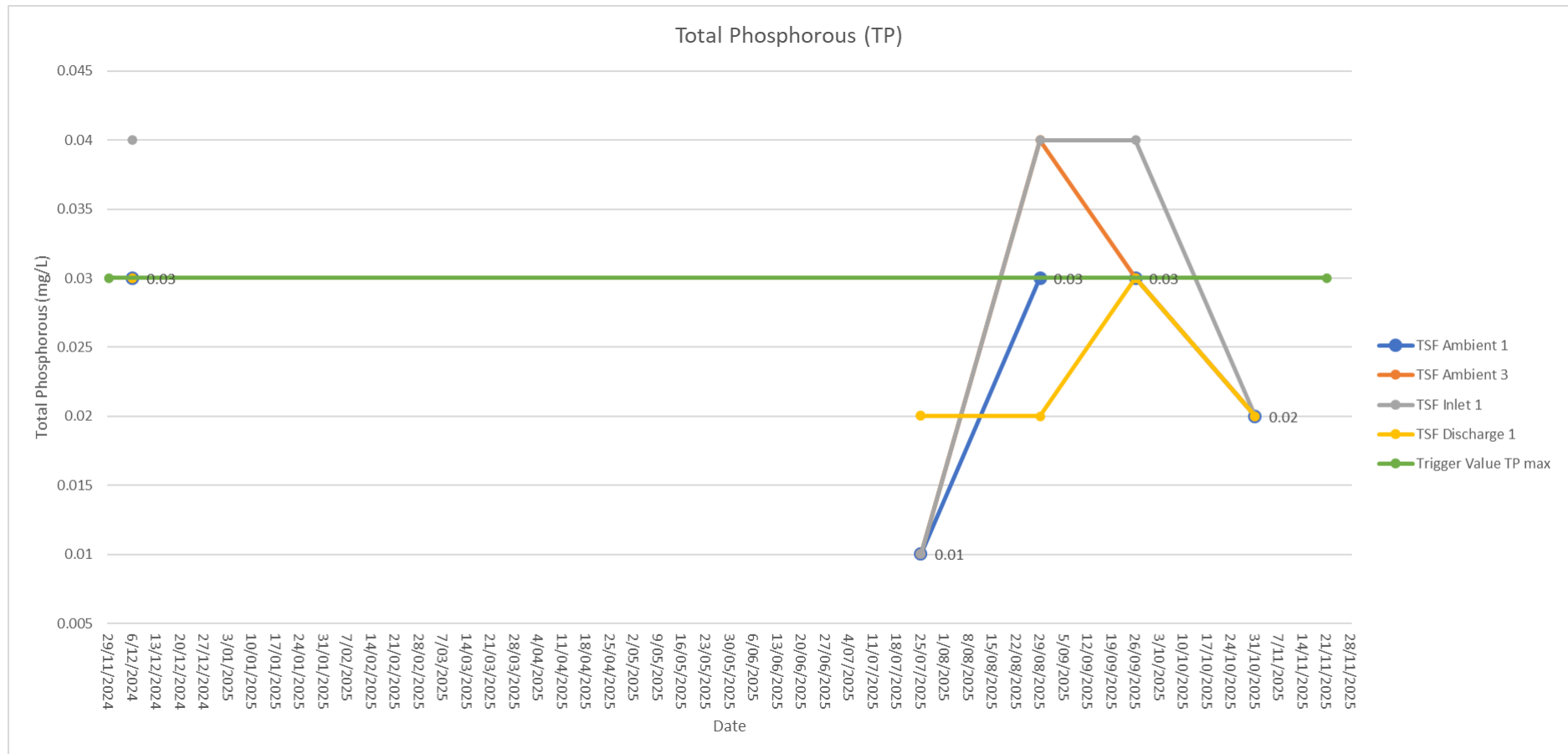














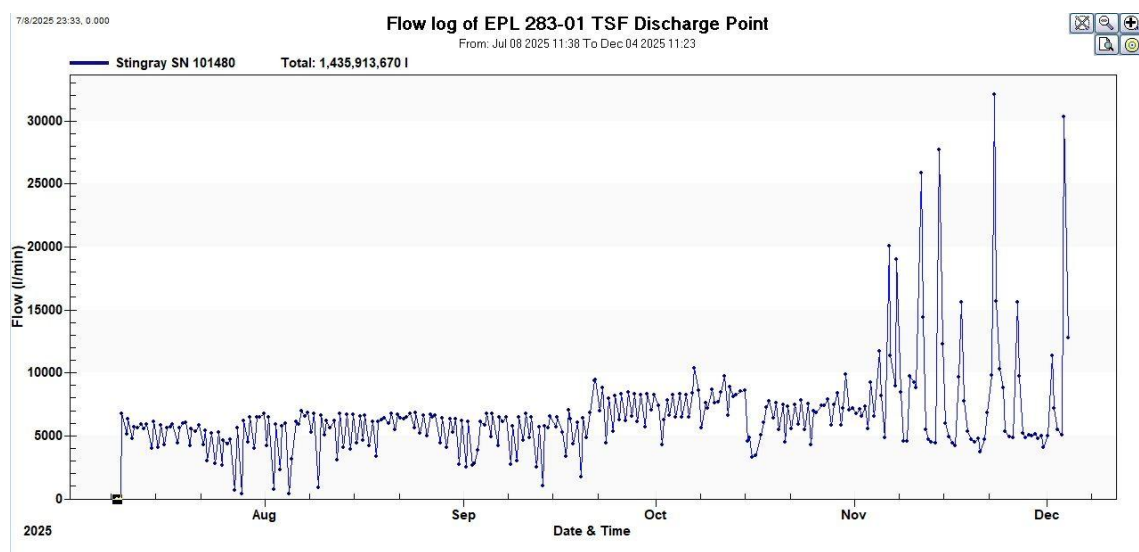
Water Discharge Log

The graph below details the water discharged from the site TSF Discharge 1 as recorded by the water flow meter.

The graph shows high peaks during the annual wet seasons from rainfall events.

From the start of July, the ponds show a slight increase in discharge as more ponds are used in production. The flow rate in October is believed to be near maximum for the site as most ponds and tanks were being used at this time.

The total discharge for this time is 1435913.67m³.





Monitoring Results – Quality Assurance / Quality Control Evaluation

In situ (field) measurements for the surface water monitoring plan for this reporting period were conducted weekly when discharging for the TSF Inlet 1 and TSF Discharge 1 sites, and monthly for the TSF Ambient 1 and TSF Ambient 3 sites.

Parameters to be assessed at a NATA accredited laboratory were sampled monthly for all 4 sites.

The site was not in operation from the 10-12-24 until the 6-7-25. No sampling occurred during this period as it is not required during when not discharging.



Discussion and Interpretation of Results

In situ (field) Measurements

The readings at the compliance point for the in situ (field) measurements all fell within the reportable trigger values for pH, dissolved oxygen, and turbidity.

Parameters to be assessed at a NATA accredited laboratory

The measurements at the compliance point for the NATA assessed parameters were within the trigger values for chlorophyll a, total oxidised nitrogen, total nitrogen, phosphate, and total phosphorus. Exceedances are reported as follows:

- Exceedance report for Total Suspended Solids – December 24
- Exceedance report for Total Suspended Solids – July 25
- Exceedance report for Total Suspended Solids – September 25
- Exceedance report for Total Suspended Solids – October 25
- Exceedance report for Ammonia – September 25
- Exceedance report for Ammonia – October 25



Exceedance – Total Suspended Solids December 2024

	Total Suspended Solids (mg/L)			
Sampling Date	TSF Ambient 1 (compliance point)	TSF Ambient 3	TSF Inlet 1	TSF Discharge 1
3/12/2024	12	22	23	18
Key				
less than trigger	value at compliance point			
exceedance of trigger	value at compliance point			
non-compliance	of trigger value at compliance point			
less than trigger	value for compliance point			
exceedance of trigger	value for compliance point			
non-compliance	of trigger value for compliance point			
TSS trigger value: 10				
TSS exceedance range: 10 - 30				
TSS non-compliance range: > 30				

The results show an exceedance of the trigger value for Total Suspended Solids (TSS) at the compliance point, TSF Ambient 1, as recorded on the 3-12-24.

Actual and potential causes and the contributing factors to the exceedance.

TSS is at its exceedance levels at all monitoring sites for this sampling period. Therefore, it is unlikely to be caused by any actions undertaken at the ponds but rather likely due to broader environmental conditions. It should also be noted that the value of TSS at the compliance point (12) is less than that of the Inlet point (23).

Risk of environmental harm arising from the exceedance.

Nil.

The action(s) that have or will be undertaken to mitigate any environmental harm arising from the exceedance.

Nil.

Corrective actions that have or will be undertaken to ensure the exceedance does not reoccur.

As mentioned in the annual monitoring reports for EPL 283, TSS is often higher than the trigger values. Perhaps we could look at removing TSS as a parameter for the licence or increasing the trigger value.

If no action was taken, why was no action taken.

As mentioned above the TSS value at the compliance point is lower than the inlet value to the ponds site. It is likely not to be an impact from the site operation but rather a broader environmental issue.



Exceedance – Total Suspended Solids July 2025

	Total Suspended Solids (mg/L)			
Sampling Date	TSF Ambient 1 (compliance point)	TSF Ambient 3	TSF Inlet 1	TSF Discharge 1
24/07/2025	12	11	28	14
Key				
less than trigger	value at compliance point			
exceedance of trigger	value at compliance point			
non-compliance	of trigger value at compliance point			
less than trigger	value for compliance point			
exceedance of trigger	value for compliance point			
non-compliance	of trigger value for compliance point			
TSS trigger value: 10				
TSS exceedance range: 10 - 30				
TSS non-compliance range: > 30				

The results show an exceedance of the trigger value for Total Suspended Solids (TSS) at the compliance point, TSF Ambient 1, as recorded on the 24-7-25.

Actual and potential causes and the contributing factors to the exceedance.

TSS is at its exceedance levels at all monitoring sites for this sampling period. Therefore, it is unlikely to be caused by any actions undertaken at the ponds but rather likely due to broader environmental conditions. It should also be noted that the value of TSS at the compliance point (12) is less than that of the Inlet point (28).

Risk of environmental harm arising from the exceedance.

Nil.

The action(s) that have or will be undertaken to mitigate any environmental harm arising from the exceedance.

Nil.

Corrective actions that have or will be undertaken to ensure the exceedance does not reoccur.

As mentioned in the annual monitoring reports for EPL 283, TSS is often higher than the trigger values. Perhaps we could look at removing TSS as a parameter for the licence or increasing the trigger value.

If no action was taken, why was no action taken.

As mentioned above the TSS value at the compliance point is lower than the inlet value to the ponds site. It is likely not to be an impact from the site operation but rather a broader environmental issue.



Exceedance – Total Suspended Solids September 2025

	Total Suspended Solids (mg/L)			
Sampling Date	TSF Ambient 1 (compliance point)	TSF Ambient 3	TSF Inlet 1	TSF Discharge 1
25/09/2025	27	8	16	8
Key				
less than trigger	value at compliance point			
exceedance of trigger	value at compliance point			
non-compliance	of trigger value at compliance point			
less than trigger	value for compliance point			
exceedance of trigger	value for compliance point			
non-compliance	of trigger value for compliance point			
TSS trigger value: 10				
TSS exceedance range: 10 - 30				
TSS non-compliance range: > 30				

The results show an exceedance of the trigger value for Total Suspended Solids (TSS) at the compliance point, TSF Ambient 1, as recorded on the 25-9-25.

Actual and potential causes and the contributing factors to the exceedance.

TSS is at its exceedance levels at multiple sites for this sampling period. It is unlikely to be caused by any actions undertaken at the ponds but rather likely due to broader environmental conditions. It should be noted that the value of TSS at the discharge point (8) is less than that of the compliance point (27), and the inlet point (16).

Risk of environmental harm arising from the exceedance.

Nil.

The action(s) that have or will be undertaken to mitigate any environmental harm arising from the exceedance.

Nil.

Corrective actions that have or will be undertaken to ensure the exceedance does not reoccur.

As mentioned in the annual monitoring reports for EPL 283, TSS is often higher than the trigger values. Perhaps we could look at removing TSS as a parameter for the licence or increasing the trigger value.

If no action was taken, why was no action taken.

As mentioned above the TSS value at the discharge point is lower than the inlet value and compliance point to the ponds site. It is likely not to be an impact from the site operation but rather a broader environmental issue.



Exceedance – Total Suspended Solids October 2025

Sampling Date	Total Suspended Solids (mg/L)			
	TSF Ambient 1 (compliance point)	TSF Ambient 3	TSF Inlet 1	TSF Discharge 1
30/10/2025	16	<5	21	13
Key				
less than trigger	value at compliance point			
exceedance of trigger	value at compliance point			
non-compliance	of trigger value at compliance point			
less than trigger	value for compliance point			
exceedance of trigger	value for compliance point			
non-compliance	of trigger value for compliance point			
TSS trigger value: 10				
TSS exceedance range: 10 - 30				
TSS non-compliance range: > 30				

The results show an exceedance of the trigger value for Total Suspended Solids (TSS) at the compliance point, TSF Ambient 1, as recorded on the 30-10-25.

Actual and potential causes and the contributing factors to the exceedance.

TSS is at its exceedance levels at multiple sites for this sampling period. It is unlikely to be caused by any actions undertaken at the ponds but rather likely due to broader environmental conditions. It should be noted that the value of TSS at the discharge point (13) is less than that of the compliance point (16), and the inlet point (21).

Risk of environmental harm arising from the exceedance.

Nil.

The action(s) that have or will be undertaken to mitigate any environmental harm arising from the exceedance.

Nil.

Corrective actions that have or will be undertaken to ensure the exceedance does not reoccur.

As mentioned in the annual monitoring reports for EPL 283, TSS is often higher than the trigger values. Perhaps we could look at removing TSS as a parameter for the licence or increasing the trigger value.

If no action was taken, why was no action taken.

As mentioned above the TSS value at the discharge point is lower than the inlet value and compliance point to the ponds site. It is likely not to be an impact from the site operation but rather a broader environmental issue.



Exceedance – Ammonia September 2025

	Ammonia as N mg/L			
Sampling Date	TSF Ambient 1 (compliance point)	TSF Ambient 3	TSF Inlet 1	TSF Discharge 1
25/09/2025	0.04	0.02	0.02	0.02
Key				
less than trigger	value at compliance point			
exceedance of trigger	value at compliance point			
non-compliance	of trigger value at compliance point			
less than trigger	value for compliance point			
exceedance of trigger	value for compliance point			
non-compliance	of trigger value for compliance point			
TSS trigger value: 0.02				
TSS exceedance range: 0.02 - 0.06				
TSS non-compliance range: > 0.06				

The results show an exceedance of the trigger value for Ammonia as N mg/L at the compliance point, as recorded on the 25-9-25.

Actual and potential causes and the contributing factors to the exceedance.

Ammonia is at its exceedance levels at the compliance site for this sampling period. As the ammonia value of the discharge point (0.02) for the same sampling period is lower it is unlikely to be caused by any actions undertaken at the ponds but rather likely due to broader environmental conditions.

Risk of environmental harm arising from the exceedance.

Nil.

The action(s) that have or will be undertaken to mitigate any environmental harm arising from the exceedance.

Nil.

Corrective actions that have or will be undertaken to ensure the exceedance does not reoccur.

Nil.

If no action was taken, why was no action taken.

As mentioned above the Ammonia value at the discharge point is lower than the compliance point to the ponds site. It is likely not to be an impact from the site operation but rather a broader environmental issue.



Exceedance – Ammonia October 2025

	Ammonia as N mg/L			
Sampling Date	TSF Ambient 1 (compliance point)	TSF Ambient 3	TSF Inlet 1	TSF Discharge 1
30/10/2025	0.04	<0.005	0.055	0.04
Key				
less than trigger	value at compliance point			
exceedance of trigger	value at compliance point			
non-compliance	of trigger value at compliance point			
less than trigger	value for compliance point			
exceedance of trigger	value for compliance point			
non-compliance	of trigger value for compliance point			
TSS trigger value: 0.02				
TSS exceedance range: 0.02 - 0.06				
TSS non-compliance range: > 0.06				

The results show an exceedance of the trigger value for Ammonia as N mg/L at the compliance point, as recorded on the 30-10-25.

Actual and potential causes and the contributing factors to the exceedance.

Ammonia is at its exceedance levels at multiple sites for this sampling period. It is unlikely to be caused by any actions undertaken at the ponds but rather likely due to broader environmental conditions. It should be noted that the value of Ammonia at the discharge point (0.04) and the compliance point (0.04) are both lower than the inlet point (0.055).

Risk of environmental harm arising from the exceedance.

Nil.

The action(s) that have or will be undertaken to mitigate any environmental harm arising from the exceedance.

Nil.

Corrective actions that have or will be undertaken to ensure the exceedance does not reoccur.

Nil.

If no action was taken, why was no action taken.

As mentioned above the Ammonia value at the discharge point and compliance point are both lower than the inlet point to the ponds site. It is likely not to be an impact from the site operation but rather a broader environmental issue.



Conclusion and Proposed Actions

There are instances of exceedances as reported above. Reasonable explanations for each of these are outlined. It is of my opinion that none of these are caused by the operation of the ponds facility or would have caused any environmental harm. No instances of non-compliance to report for this period.

A thought to review the trigger values for the Total Suspended Solids parameter should be considered as the water quality objectives are often exceeded in all monitoring locations.