



Drainage Services Department

Port Shelter Sewerage, Stage 3 – Sewerage Works at Po Toi O

Quarterly EM&A Report (Period from March to May 2024)

Prepared by

SGS Hong Kong Limited

Certified by:

A handwritten signature in black ink, appearing to be 'JH' inside a roughly drawn circle.

Johnathan Ho

Environmental Team Leader

Verified by:

A handwritten signature in black ink, appearing to be 'F.C. Tsang' in a cursive style.

F.C. Tsang

Our Ref: PL-202408022

Drainage Services Department
Special Duty Division
42/F, Revenue Tower, 5 Gloucester Road,
Wan Chai, Hong Kong.

Attention: Mr. Gary CHUNG

15 August 2024

Dear Gary,

**Port Shelter Sewerage, Stage3 - Sewerage Works at Po Toi O
Quarterly EM&A Report for March to May 2024**

Reference is made to your submission of the Quarterly EM&A Report for March to May 2024 (Revision 02). We are pleased to inform you that we have no adverse comment on the captioned report.

Thank you for your attention. Please do not hesitate to contact the undersigned should you have any queries.

Yours faithfully,



F.C. Tsang
Independent Environmental Checker

cc. ETL – Johnathan HO



**Drainage Services Department
Port Shelter Sewerage, Stage 3 – Sewerage
Works at Po Toi O
Quarterly EM&A Report
(Period from March to May 2024)**



Prepared by

SGS Hong Kong Limited

Drainage Services Department

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Issue and Revision Record

Revision	Description	Prepared by	Checked by	Approved by	Date
02	Submission	Various	Johnathan Ho 	Grace Fung 	Jul 2024

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1. EXECUTIVE SUMMARY

- 1.1 This Quarterly Environmental Monitoring & Audit (EM&A) report presents the EM&A works performed in the period between March to May 2024 for “Port Shelter Sewerage, Stage 3 – Sewerage works at Po Toi O”.
- 1.2 The impact stage EM&A Programme for the Project includes air quality, noise, water quality, waste, ecology, fisheries, landscape and visual and built heritage monitoring. The recommended environmental mitigation measures were implemented on site and regular inspections were carried out to ensure that the environmental conditions are acceptable.
- 1.3 The EM&A programme was carried out by the ET in accordance with the EM&A Manual requirements. It is concluded from the EM&A works that adequate environmental mitigation measures have been implemented by the contractor where appropriate in the reporting quarter.
- 1.4 The construction commencement date of the project was revised on 27 April 2021. The construction commencement date of provision of village sewerage to the unsewered areas of Po Toi O has been revised from 1 March 2021 to 16 June 2021, and the construction commencement date of village sewerage construction of the local sewage treatment plant (STP) has been revised from 10 May 2021 to 16 June 2021. In view of the revised construction commencement date, the EM&A programme was subsequently suspended from 28 April 2021 until 16 June 2021.

Exceedance of Action and Limit Level

- 1.5 There was no action or limit level exceedance record of construction noise and air quality was recorded in the reporting quarter.

Implementation of Mitigation Measures


- 1.6 Construction phase weekly site inspections were carried out to confirm the implementation measures undertaken by the Contractor in the reporting quarter. The status of implementation of mitigation measures during the reporting quarter is shown in **Appendix E**.

Record of Complaints

- 1.7 No complaints, notification of summons and successful prosecution was received in the reporting period. No public engagement activity was conducted in the reporting quarter.
- 1.8 No air quality, noise and water complaints during 0700 – 1900 hours on normal weekdays was received in the reporting quarter.

Record of Notification of Summons and Successful Prosecutions

- 1.9 No notification of summons and successful prosecution was received in the reporting period. No public engagement activity was conducted in the reporting quarter.

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2. INTRODUCTION

Project Information

- 2.1 Société Générale de Surveillance (SGS) Hong Kong Limited has been appointed by Drainage Services Department (DSD) as the Environmental Team (ET) to undertake the EM&A programme during construction phase of the Project in accordance to the approved EM&A Manual for the proposed sewerage works in Po Toi O (hereafter as “The Project”), an environmental enhancement project that aims to improve environmental hygiene of the Po Toi O area.
- 2.2 The Quarterly EM&A Report is prepared in accordance with the Section 13.6 of the EM&A Manual. This Quarterly EM&A Report presents the monitoring works conducted from 1 March to 31 May 2024. The purpose of this report is to summarize the findings in the EM&A of the project over the reporting quarter.

Project Organization

- 2.3 The project organization chart, key personnel contact names and numbers and lines of communication with respect to the onsite environmental management performance is shown in **Appendix C**.

Environmental Status in the Reporting Quarter


- 2.4 During the reporting quarter, construction works at Po Toi O undertaken include:

- Major activities in the reporting quarter:

1. Construction of village sewer;
2. Slope works;
3. Excavation works and construction of ELS for Po Toi O Sewage Treatment Plant;
4. Construction of Cofferdam;
5. Pilot Drilling of HDD

- Major activities in the upcoming quarter:

1. Construction of village sewer;
2. Construction of ELS for Po Toi O Sewage Treatment Plant;
3. Construction of cofferdam;
4. Pilot Drilling of HDD

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2.5 The Construction Works Programme of the Project is provided in **Appendix D**.

3. SUMMARY OF EM&A MONITORING REQUIREMENTS

3.1 In accordance with the EM&A Manual, environmental parameters including air quality, noise & water quality have been monitored in the reporting quarter. The specific parameters, monitoring frequency and the respective Action and Limit levels are given in **Table 3-1** and **Table 3-2**. Locations of the monitoring stations are provided in **Appendix A**.

Table 3-1 Summary of Impact EM&A Requirements (Air & Noise)

Parameters ²	Descriptions	Locations ¹	Frequencies	Action Level	Limit Level
Air Quality	24-hour TSP	AMS1N	At least once every 6 days	153 µg/m ³	260 µg/m ³
	24-hour TSP	AMS2N1		179 µg/m ³	
	24-hour TSP	AMS3N		158 µg/m ³	
	24-hour TSP	AMS4N		144 µg/m ³	
	1-hour TSP	AMS1N		319 µg/m ³	500 µg/m ³
	1-hour TSP	AMS2N1		279 µg/m ³	
	1-hour TSP	AMS3N		303 µg/m ³	
	1-hour TSP	AMS4N		278 µg/m ³	
Noise	Leq, 30 minutes	NMS1N	At least once per week	When one documented complaint is received from any one of the noise sensitive receivers	75 dB(A)*
	Leq, 30 minutes	NMS2N1			
	Leq, 30 minutes	NMS3N			
	Leq, 30 minutes	NMS4N			

Notes:


1- Due to several limitations (i.e. EM&A approved monitoring stations not accessible) identified at the air quality and noise monitoring stations in the Approved EM&A Manual for the Project, the monitoring location AMS1 – AMS4 & NMS1 – NMS4 were replaced by alternative monitoring location AMS1N – AMS4N & NMS1N – NMS4N, which was approved by ER and IEC.

Table 3-2 Summary of Impact EM&A Requirements (Water Quality)

Parameters ²	Descriptions	Locations ¹	Frequencies	DO AL	TUBIDITY AL	SS AL	DO LL	TUBIDITY LL	SS LL
Water Quality	Turbidity (NTU) DO (mg/L and % Of Saturation) SS (mg/L)	WMS1N	3 Days Per Week (The Interval Between Two Sets of Monitoring Shall Not Be Less Than 36 Hours.)	7.57 (S&M) 7.50 (B)	1.11	10	7.55 (S&M) 7.45 (B)	1.90	12
		WMS2N		7.58 (S&M) 7.49 (B)	1.60	9	7.51 (S&M) 7.36 (B)	2.50	12
		WMS3		7.62 (S&M)	1.30	10	7.49 (S&M)	1.50	12
		WMS4		7.73 (S&M)	1.47	9	7.53 (S&M)	1.75	10
		WMS5		7.62 (S&M)	1.50	8.65	7.60 (S&M)	1.70	12
		WMS6		7.56 (S&M) 7.41 (B)	1.40	9	7.42 (S&M) 7.37 (B)	1.70	11
		I1		7.52 (S&M) 7.50 (B)	1.55	11.45	7.40 (S&M) 7.44 (B)	2.03	15
		I2		7.59 (S&M) 7.53 (B)	1.15	10	7.04 (S&M) 7.51 (B)	1.80	12

Environmental Mitigation Measures

3.2 Environmental mitigation measures have been recommended in the EM&A Manual. Summary implementation status of the environmental mitigation measures is provided in **Appendix E**.

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4. SUMMARY OF EM&A MONITORING RESULTS

4.1 In accordance with the EM&A Manual, impact monitoring has been conducted in the reporting quarter. Meteorological data for the reporting quarter have been extracted from Hong Kong Observatory and present in **Appendix F**. Monitoring data with graphical presentation for the reporting quarter are show in **Appendix G**. A summary on the monitoring results is presented in **Table 4-1**.

Table 4-1 Summary of Monitoring Data


Parameter ¹	Monitoring Location	Minimum	Maximum	Average
Air Quality				
24-hour TSP	AMS1N	28 µg/m ³	62 µg/m ³	40.1 µg/m ³
24-hour TSP	AMS2N1	33 µg/m ³	132 µg/m ³	50.4 µg/m ³
24-hour TSP	AMS3N	26 µg/m ³	48 µg/m ³	36.8 µg/m ³
24-hour TSP	AMS4N	30 µg/m ³	45 µg/m ³	35.5 µg/m ³
1-hour TSP	AMS1N	25 µg/m ³	67 µg/m ³	40.8 µg/m ³
1-hour TSP	AMS2N1	31 µg/m ³	128 µg/m ³	50.0 µg/m ³
1-hour TSP	AMS3N	22 µg/m ³	58 µg/m ³	37.5 µg/m ³
1-hour TSP	AMS4N	23 µg/m ³	56 µg/m ³	35.8 µg/m ³
Construction Noise				
Leq(30min)	NMS1N	62.0 dB(A)	63.1 dB(A)	62.4 dB(A)
Leq(30min)	NMS2N1	59.6 dB(A)	62.9 dB(A)	61.8 dB(A)
Leq(30min)	NMS3N	59.7 dB(A)	62.1 dB(A)	61.0 dB(A)
Leq(30min)	NMS4N	53.7 dB(A)	55.7 dB(A)	54.6 dB(A)
Water Quality (DO)				



DO (mg/L) (Ebb Tide)	WMS1N	7.59	8.29	7.87
DO (mg/L) (Flood Tide)		7.59	8.30	7.88
DO (mg/L) (Ebb Tide)	WMS2N	7.62	8.36	7.82
DO (mg/L) (Flood Tide)		7.6	8.35	7.90
DO (mg/L) (Ebb Tide)	WMS3	7.64	8.31	7.89
DO (mg/L) (Flood Tide)		7.63	8.31	7.90
DO (mg/L) (Ebb Tide)	WMS4	7.62	8.27	7.91
DO (mg/L) (Flood Tide)		7.75	8.26	7.91
DO (mg/L) (Ebb Tide)	WMS5	7.66	8.54	7.90
DO (mg/L) (Flood Tide)		7.65	8.24	7.88
DO (mg/L) (Ebb Tide)	WMS6	7.61	8.25	7.88
DO (mg/L) (Flood Tide)		7.60	8.26	7.86
DO (mg/L) (Flood Tide)	I1	7.57	8.31	7.79
DO (mg/L) (Ebb Tide)	I2	7.61	8.32	7.82
Water Quality (Turbidity)				
Turbidity (NTU) (Ebb Tide)	WMS1N	0.02	1.06	0.44
Turbidity (NTU) (Flood Tide)		0.06	1.04	0.43
Turbidity (NTU) (Ebb Tide)	WMS2N	0.04	0.93	0.39
Turbidity (NTU) (Flood Tide)		0.06	0.92	0.41
Turbidity (NTU) (Ebb Tide)	WMS3	0.06	1.05	0.54



Turbidity (NTU) (Flood Tide)		0.08	0.99	0.54
Turbidity (NTU) (Ebb Tide)	WMS4	0.27	1.29	0.72
Turbidity (NTU) (Flood Tide)		0.29	1.27	0.73
Turbidity (NTU) (Ebb Tide)	WMS5	0.03	1.16	0.65
Turbidity (NTU) (Flood Tide)		0.07	1.18	0.66
Turbidity (NTU) (Ebb Tide)	WMS6	0.05	1.18	0.67
Turbidity (NTU) (Flood Tide)		0.08	1.19	0.66
Turbidity (NTU) (Flood Tide)	I1	0.04	1.29	0.74
Turbidity (NTU) (Ebb Tide)	I2	0.07	1.13	0.77
Water Quality (SS)				
SS (mg/L) (Ebb Tide)	WMS1N	3.12	11.91	6.89
SS (mg/L) (Flood Tide)		2.86	11.45	7.15
SS (mg/L) (Ebb Tide)	WMS2N	2.20	11.85	6.97
SS (mg/L) (Flood Tide)		2.42	11.46	6.37
SS (mg/L) (Ebb Tide)	WMS3	3.79	11.93	7.57
SS (mg/L) (Flood Tide)		2.70	11.64	7.50
SS (mg/L) (Ebb Tide)	WMS4	1.55	9.98	6.24
SS (mg/L) (Flood Tide)		3.80	9.90	6.44
SS (mg/L) (Ebb Tide)	WMS5	2.92	11.79	6.73
SS (mg/L) (Flood Tide)		2.61	11.97	6.28

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SS (mg/L) (Ebb Tide)	WMS6	2.54	10.97	6.55
SS (mg/L) (Flood Tide)		2.50	10.78	6.55
SS (mg/L) (Flood Tide)	I1	3.66	11.84	7.58
SS (mg/L) (Ebb Tide)	I2	2.26	11.55	7.31

Remarks:

1. Marine construction and water quality monitoring was commenced starting from 6 December 2023.
2. A correction of +3 dB(A) was made to the free field measurements.

Other Influencing Factors of the Monitoring Results

Air quality monitoring

4.2 Major emission sources during air quality monitoring in the reporting quarter were mainly vehicle emission from Po Toi O Chuen Road and nearby residents' activities.

Noise monitoring

4.3 Major noise sources during noise monitoring in the reporting quarter were mainly road traffic noise.

Water quality monitoring


4.4 Major water quality sources during the water quality monitoring in the reporting quarter were mainly tidal movement of the sea.

Monitoring Exceedances

4.5 Summary of the exceedances in the reporting quarter is tabulated in **Table 4-2** and **Table 4-3**.

Table 4-2 Exceedance Summary for Air and Noise Monitoring


Monitoring Station	Parameter	No. of Exceedance		Action Taken
		Action Level	Limit Level	
Air Quality				
AMS1N	24-hour TSP	0	0	N/A
AMS2N1	24-hour TSP	0	0	N/A

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AMS3N	24-hour TSP	0	0	N/A
AMS4N	24-hour TSP	0	0	N/A
AMS1N	1-hour TSP	0	0	N/A
AMS2N1	1-hour TSP	0	0	N/A
AMS3N	1-hour TSP	0	0	N/A
AMS4N	1-hour TSP	0	0	N/A
Construction Noise				
NMS1N	Leq(30min)	0	0	N/A
NMS2N1	Leq(30min)	0	0	N/A
NMS3N	Leq(30min)	0	0	N/A
NMS4N	Leq(30min)	0	0	N/A

Table 4-3 Exceedance Summary for Water Quality Monitoring

Station	DO (Average of Top & Mid-depth)		DO (Bottom Depth)		Turbidity (Depth Average)		SS (Depth Average)		Total Exceedance for the Station	
	AL	LL	AL	LL	AL	LL	AL	LL	AL	LL
WMS1N	0	0	0	0	0	0	13	0	13	0
WMS2N	0	0	0	0	0	0	15	0	15	0
WMS3	0	0	0	0	0	0	15	0	15	0
WMS4	0	0	0	0	0	0	15	0	15	0
WMS5	0	0	0	0	0	0	14	0	14	0
WMS6	0	0	0	0	0	0	17	0	17	0
I1	0	0	0	0	0	0	2	0	2	0

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12	0	0	0	0	0	0	3	0	3	0
No. of Exceedance	0	0	0	0	0	0	94	0	94	0

1-hour TSP Monitoring

4.6 All 1-hour TSP monitoring was conducted as scheduled in the reporting quarter. No action/ limit level exceedance was recorded.

24-hour TSP Monitoring


4.7 All 24-hour TSP monitoring was conducted as scheduled in the reporting quarter. No action/ limit level exceedance was recorded.

Construction Noise Monitoring

4.8 All construction noise monitoring was conducted as scheduled in the reporting quarter. No action/ limit level exceedance was recorded.


Water Quality Monitoring

4.9 All water quality monitoring was conducted as scheduled in the reporting quarter. Exceedance of suspended solids (SS) action and limit levels were recorded in **Table 4-3** above. All exceedances were recorded, investigated and no project related exceedances were identified. Exceedances of Action level in the monitoring period were found at various sampling stations on each sampling day and no stations were exceeded continuously for consecutive sampling days.

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5. WASTE MANAGEMENT

- 5.1 As advised by the Contractor, 1167 m³ of inert C&D material was generated and disposal to Tseung Kwan O Area 137 Fill Bank (TKO137FB) in the reporting quarter. For C&D wastes, 249 m³ of general refuse was disposed of at NENT landfill, 0 kg waste were collected by recycling contractors, and 0 kg of chemical wastes was collected by licensed Contractors in the reporting quarter.
- 5.2 The detailed summary of waste flow is show in **Appendix H**.

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6. ENVIRONMENTAL NON-CONFORMANCE

- 6.1 For this reporting quarter, no environmental complaint was received.
- 6.2 No non-compliance and environmental related prosecution or notification of summons was received. There was no breach of Action or Limit Levels for Air Quality and Noise monitoring in the reporting quarter. Exceedance of suspended solids (SS) were recorded, investigated and no project related exceedances were identified.
- 6.3 Statistics on complaints, notifications of summons, successful prosecutions and public engagement activities are summarized in **Appendix I**.

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7. COMMENTS, RECOMMENDATIONS AND CONCLUSION

Comments

7.1 Based on the observations made during site audits and construction dust and noise monitoring results, no non-compliances and exceedances of air quality and noise limits were recorded. Water quality exceedances were recorded and investigated and no project related exceedances were recorded.

Recommendations

7.2 Reviewing the implementation of the recommended mitigation measures in the EM&A Manual, it was observed that they were effective and efficient in controlling the potential impacts due to construction of the project during the reporting quarterly. Review of the effectiveness and efficiency of the EM&A programme will continue, and recommendations will be provided to remediate any potential impacts due to the project and to improve the EM&A programme if deficiencies of the existing EM&A programme are identified.


Conclusion

7.3 The EM&A programme as recommended in the EM&A Manual has been undertaken since the construction works of Port Shelter Sewerage, Stage 3 – Sewerage works at Po Toi O works commenced on 1 March 2021.

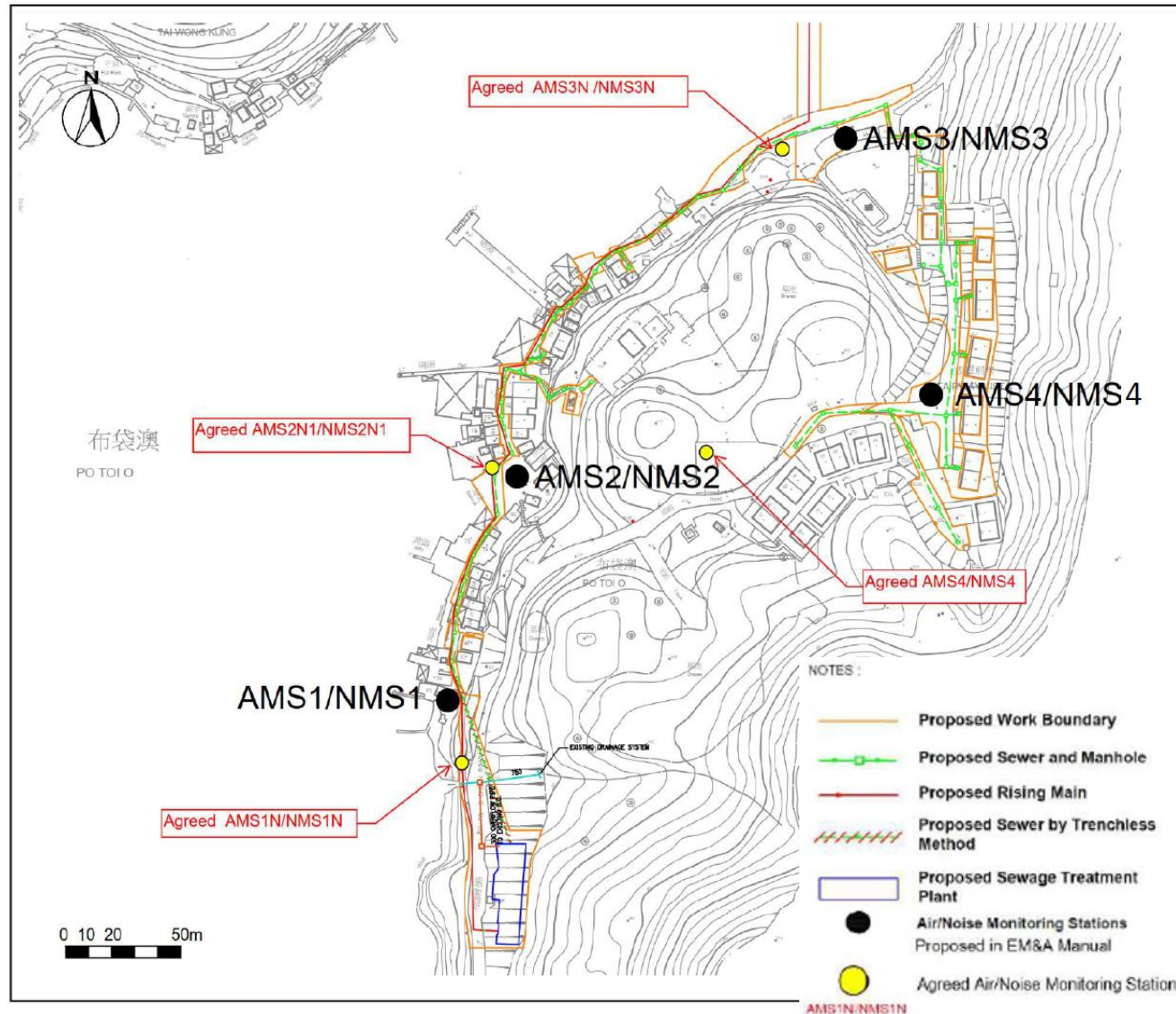
7.4 Monitoring of air quality, noise and water quality with respect to the Project is underway. In particular, the 1-hour TSP, 24-hour TSP, noise level (as Leq, 30 minutes), dissolved Oxygen (DO), turbidity and suspended solids (SS) under monitoring have been checked against established Action and Limit levels. There was no breach of Action and Limit Levels for 1-hour TSP, 24-hour TSP, noise monitoring and water quality (DO and turbidity) in the reporting quarter. Exceedance of suspended solids were recorded, investigated and no project related exceedances were identified.

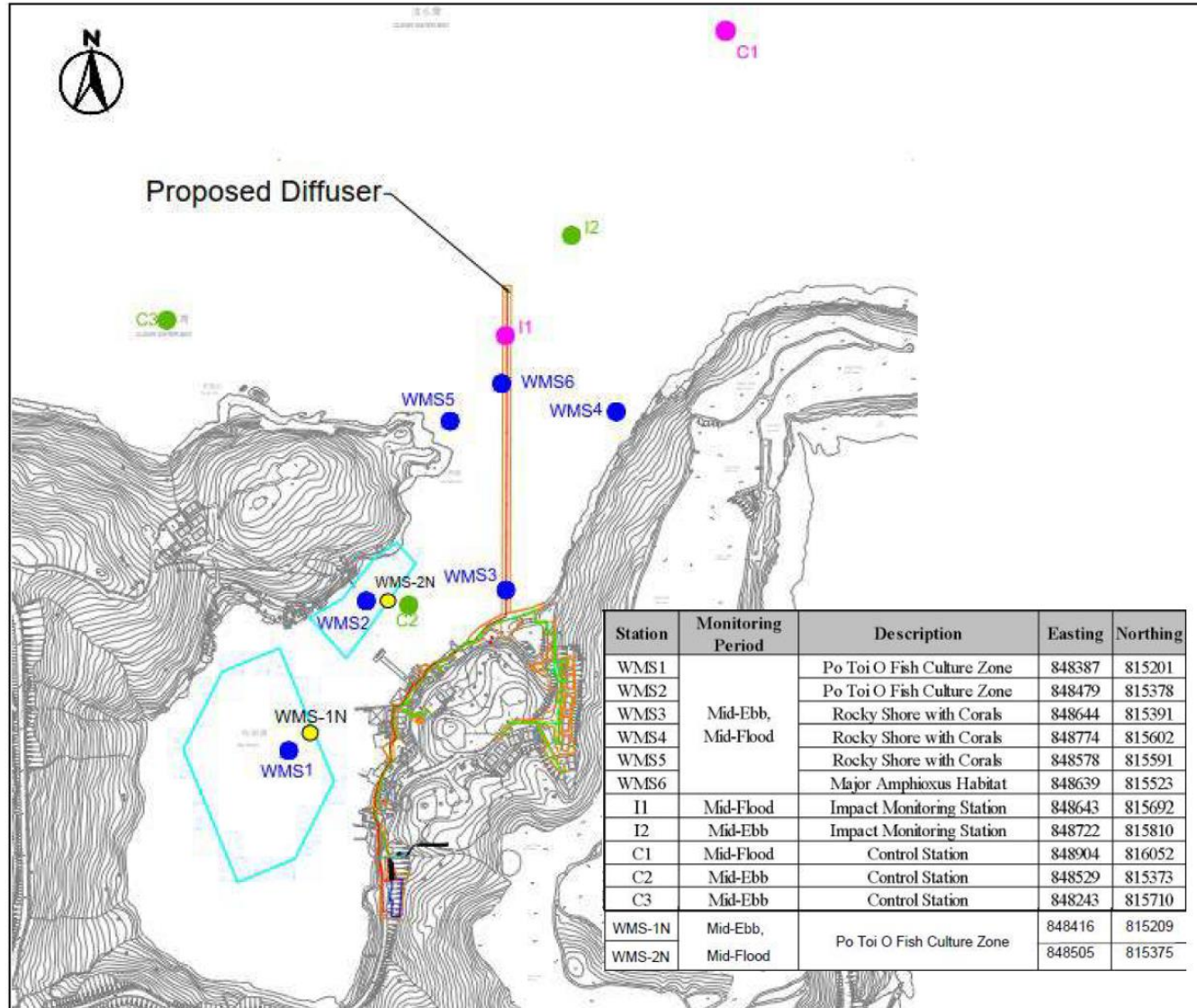
7.5 No complaint was received during the reporting quarter.


7.6 No notifications of summons or successful prosecution were received during the reporting quarter.

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APPENDIX A - LOCATION OF THE MONITORING AND CONTROL STATIONS

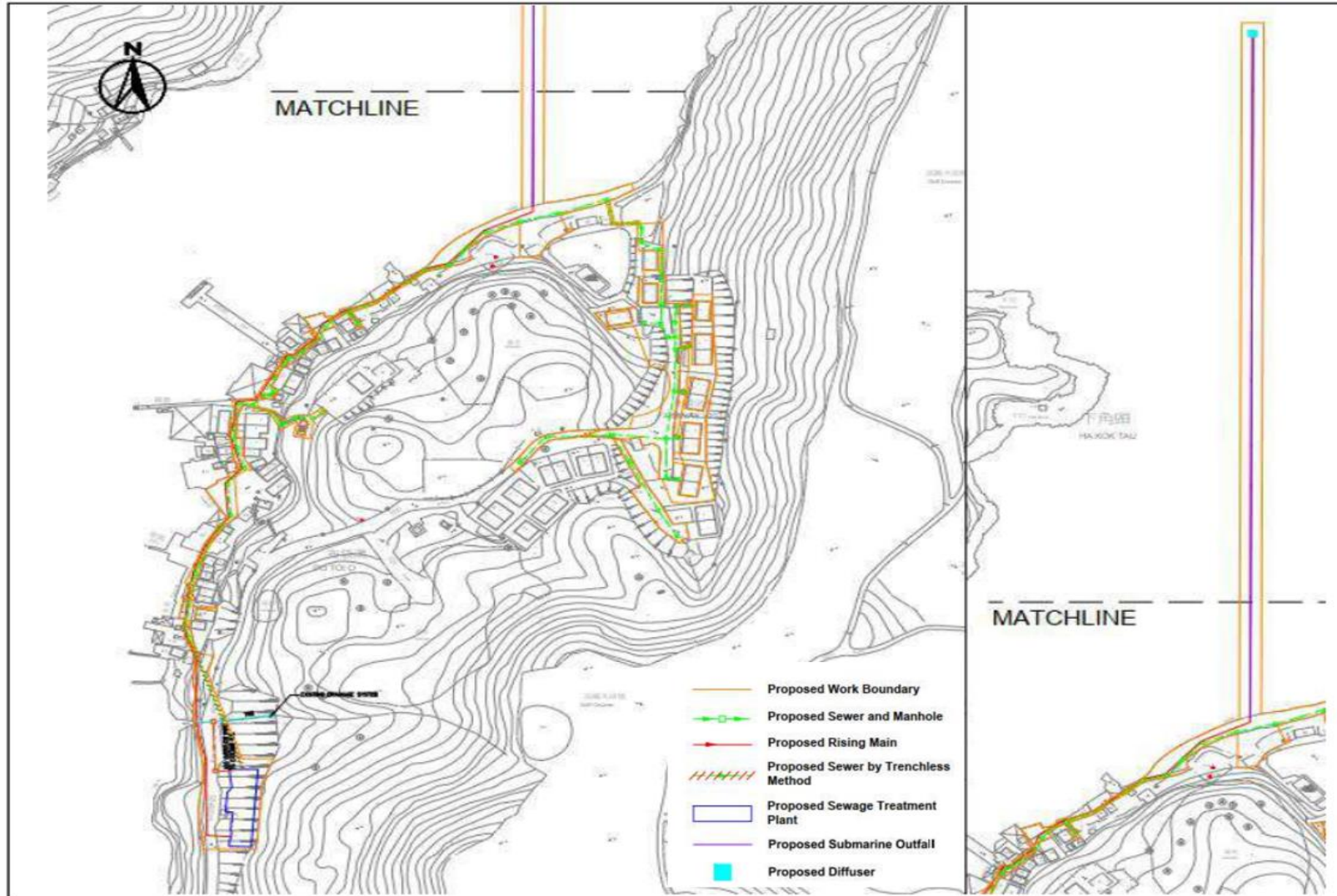





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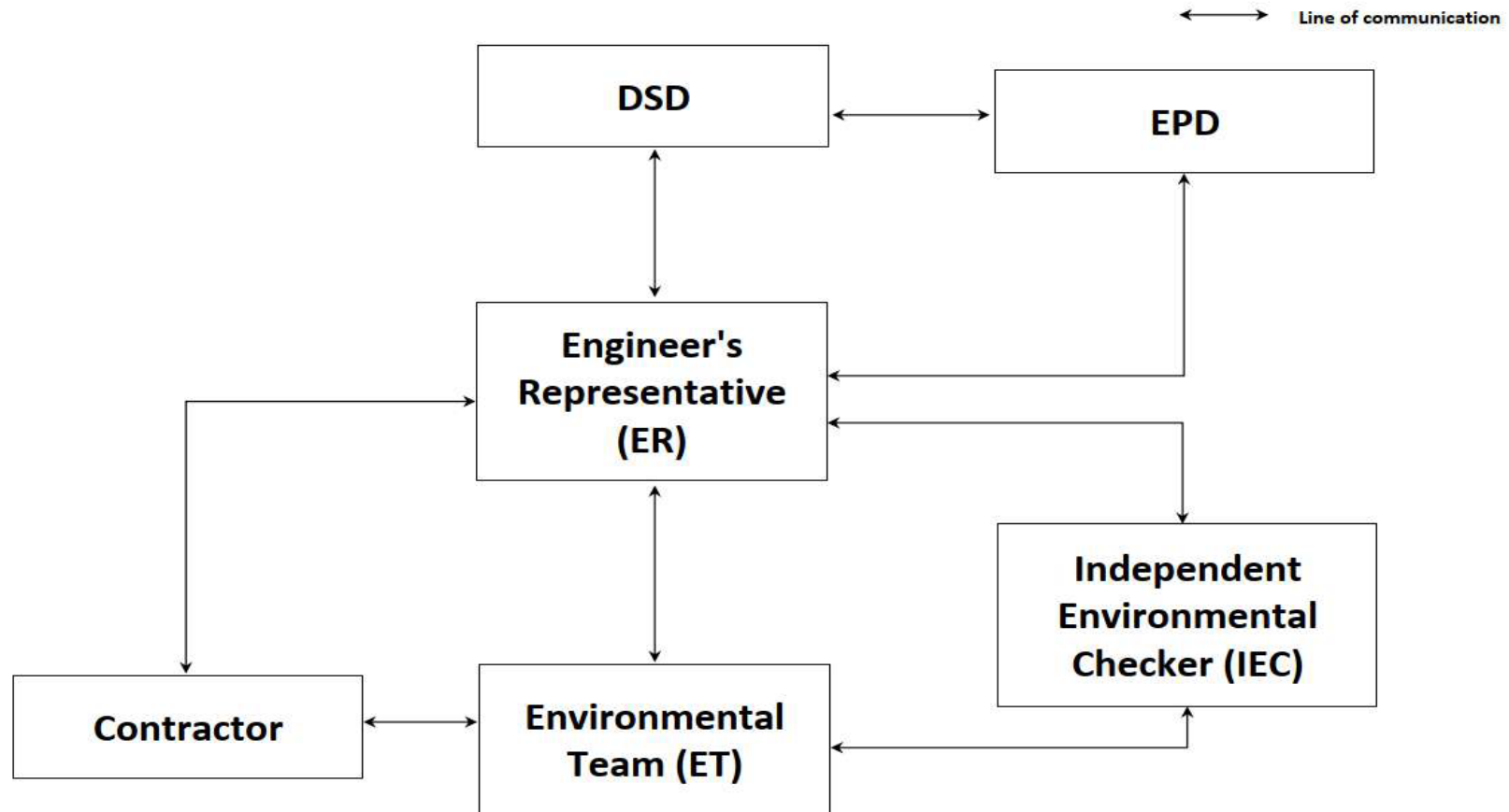
APPENDIX B - LAYOUT PLAN OF PROJECT AREA


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APPENDIX C - PROJECT ORGANIZATION CHART & CONTACT INFORMATION OF KEY PERSONNEL



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Position	Party	Name	Telephone
Project Proponent	Drainage Services Department (DSD)	Mr. Gary Chung	2594 7227
Senior Resident Engineer (SRE)	Binnies Hong Kong Limited (Binnies)	Mr. Eugene Chan	6392 3809
Independent Environmental Checker (IEC)	Aurecon Hong Kong Limited (Aurecon)	Dr. F.C. Tsang	2698 8060
Environmental Team (ET)	Société Générale de Surveillance (SGS) Hong Kong Limited	Mr. Johnathan Ho	9236 5528
Environmental Officer	China Geo-engineering Corporation (CGC)	Mr. Alex Chow	5918 9179
Hotline Telephone Number			6902 2820

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APPENDIX D – CONSTRUCTION WORK PROGRAMM

ID	Task Name	Duration	Starting Date	Percentage of Completion	Completion Date	TRA	Predecessors	TRA	Text10
1	Section 2 - Village Sewerage Works at Po Toi O and PTOSTP	1545 days	Fri 24/7/20	0%	Tue 16/9/25				
2	Po Toi O Sewage Treatment Plant (PTOSTP)	1545 days	Fri 24/7/20	0%	Tue 16/9/25				
3									
4	Liaise with the village representative works to ensure the possession of construction site	75 days	Fri 24/7/20	0%	Wed 21/10/20				
5	Preparation works (i.e. TMLG meetings; Application for traffic advice for suspension of existing parking slot; Re-provision of existing RCP, etc.)	231 days	Fri 24/7/20	0%	Thu 29/4/21				
6	Environmental submissions	231 days	Fri 24/7/20	0%	Thu 29/4/21				
7	Possession of site (Access Date: 22nd October 2020)	1 day	Thu 22/10/20	0%	Thu 22/10/20	4			
8	Installation of site hoardings at PTOSTP	50 days	Fri 23/10/20	0%	Mon 21/12/20	7			
9	Mobilization of plant and equipment	10 days	Tue 22/12/20	0%	Tue 5/1/21	8			
10	Site clearance	95 days	Wed 6/1/21	0%	Thu 29/4/21	9			
11	Initial survey, UU detection and permit-to-dig	95 days	Wed 6/1/21	0%	Thu 29/4/21	9			
12									
13	Preparation for geotechnical submissions	7 days	Fri 30/4/21	0%	Sat 8/5/21	11,10,5,6			
14									
15	Liaison with PTO VR	18 days	Mon 10/5/21	0%	Mon 31/5/21	13			
16									
17	Slope cutting (Total 2850 m3 solid materials to be removed, i.e. about 4275 m3 loosen materials. 23.8m3 loosen materials to be removed per day, i.e. 4 trips of dumping per day)(installation of silt curtain at the outlet of the box culvert)	148 days	Tue 1/6/21	0%	Thu 25/11/21	15			
18	Installation of rock dowl (include drilling, rebar installation and grouting, etc.)	35 days	Fri 26/11/21	0%	Sat 8/1/22	17			
19	Construction of anchorages for flexible barrier	40 days	Mon 10/1/22	0%	Mon 28/2/22	18			

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Task		Project Summary		Inactive Milestone		Manual Summary		Progress	
Project Guide: Critical Task		Project Guide: Critical Task		Inactive Summary		Start-only		Summary	
Split		Split		Manual Task		Finish-only		External Tasks	
Milestone		Progress		Duration-only		External Milestone			
Summary		Milestone		Manual Summary Rollup		External Milestone			

ID	Task Name	Duration	Starting Date	Percentage of completion	Completion Date	TRA	Predecessors	TRA	Text10	2021	2022	2023	2024	2025		
										H2	H1	H2	H1	H2	H1	H2
20	Installation of flexible barriers	40 days	Tue 1/3/22	0%	Wed 20/4/22	19										
21																
22	Installation of sheetpile	146 days	Tue 4/7/23	0%	Sat 23/12/23	20										
23	Excavation from +13.25 Mpd to -1.20 Mpd (Total 2150 m3 solid materials to be removed, i.e. about 3225m3 loosen materials. 23.8m3 loosen materials to be removed per day, i.e. 4 trips of dumping per	60 days	Wed 27/12/23	0%	Sat 9/3/24	22										
24	Plate load test	14 days	Mon 11/3/24	0%	Tue 26/3/24	23										
25	Construction of raft footing	40 days	Wed 27/3/24	0%	Fri 17/5/24	24										
26	Construction of basement (below +13.25 mPD)	50 days	Sat 18/5/24	0%	Wed 17/7/24	25										
27																
28	Construction of R.C. walls at 1st Floor	55 days	Mon 8/4/24	0%	Thu 13/6/24											
29	Construction of rooftop (below + 17.75 mPD)	55 days	Fri 14/6/24	0%	Sat 17/8/24	28										
30	External Finishes	90 days	Mon 19/8/24	0%	Wed 4/12/24	29										
31	Internal Finishes (incl. installation of Door & Window etc)	90 days	Mon 19/8/24	0%	Wed 4/12/24	29										
32	Landscape works & other associated works	797 days	Thu 31/3/22	0%	Wed 4/12/24	13										
33																
34	E&M works	180 days	Thu 18/7/24	0%	Tue 18/2/25	26										
35	T&C (Stage 1) + T&C (Stage 2)	120 days	Wed 19/2/25	0%	Tue 8/7/25	34FS-223 da										
36	T&C (Stage 3)	60 days	Wed 9/7/25	0%	Tue 16/9/25	35										
37																
38																
39	Construction of PTO Village Sewerage	1173 days	Fri 24/7/20	0%	Wed 3/7/24											
40	Liaise with the village representatives	90 days	Fri 24/7/20	0%	Mon 9/11/20											
41	Initial survey and photo-taking	90 days	Wed 26/8/20	0%	Fri 11/12/20	40SS+28 day										
42	UU Detection and application for permit-to-dig	90 days	Mon 21/9/20	0%	Sat 9/1/21	41SS+22 day										
43																
44	Trial pit excavation (Access Date of PTO-B1-01: 22nd Oct 2020)	90 days	Thu 22/10/20	0%	Mon 8/2/21	42SS+25 day										
45																
46	Producing Layout plans showing the location of terminal manholes, timber box and alignment of sewers and other associated preparation works	83 days	Tue 17/11/20	0%	Sat 27/2/21	44SS+21 days										

Project:DC/2019/09	Task		Project Summary		Inactive Milestone		Manual Summary		Progress	
	Project Guide: Critical Task		Project Guide: Critical Task		Inactive Summary		Start-only		Summary	
	Split		Split		Manual Task		Finish-only			
	Milestone		Progress		Duration-only		External Tasks			
	Summary		Milestone		Manual Summary Rollup		External Milestone			

ID	Task Name	Duration	Starting Date	Percentage of Completion	Completion Date	TRA/Predecessors	TRA	Text10	2021		2022		2023		2024		2025		
									H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
47																			
48	Liaison with PTO VR	77 days	Mon 1/3/21	0%	Mon 31/5/21	46													
49																			
50	PTO-SW-01 (Open Trench, 18 nos. manholes (170m), and rising main(CH2+53.81 - CH4+36.66)	316 days	Tue 1/6/21	0%	Thu 23/6/22														
57	Landscape works for PTO-SW-01	316 days	Tue 1/6/21	0%	Thu 23/6/22														
59																			
60	PTO-SW-02 (Open Trench, 16nos. Manhole(145m), and a Section of Rising Main)	263 days	Fri 24/6/22	0%	Sat 13/5/23														
67	Landscape works for PTO-SW-02	263 days	Fri 24/6/22	0%	Sat 13/5/23														
69																			
70	PTO-SW-03 (Open Trench, 25 nos., Length: 360m)	390 days	Fri 24/6/22	0%	Sat 14/10/23														
77	Landscape works for PTO-SW-03	390 days	Fri 24/6/22	0%	Sat 14/10/23														
79																			
80	PTO-Trenchless-01 (Trenchless, (Length: 75m) and related Rising Main)	237 days	Fri 24/6/22	0%	Wed 12/4/23														
87	Landscape works for PTO-Trenchless-01	237 days	Fri 24/6/22	0%	Wed 12/4/23														
89																			
90	PTO-Trenchless-02 (Trenchless, (Length: 100m) and related Rising Main)	289 days	Thu 13/4/23	0%	Mon 1/4/24														
97	Landscape works for PTO-Trenchless-02	289 days	Thu 13/4/23	0%	Mon 1/4/24														
99																			
100	Testing of PTO Village Sewerage	75 days	Tue 2/4/24	0%	Wed 3/7/24														


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Task		Project Summary		Inactive Milestone		Manual Summary		Progress	
Project Guide: Critical Task		Project Guide: Critical Task		Inactive Summary		Start-only		Summary	
Split		Split		Manual Task		Finish-only		External Tasks	
Milestone		Progress		Duration-only		External Milestone			
Summary		Milestone		Manual Summary Rollup					

ID	Task Name	Duration	Starting Date	Percentage of Completion	Completion Date	TRA/Predecessors	TRA	Text10	2021		2022		2023		2024		2025		
									H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	
102																			
103																			
104	Submarine Outfall by HDD Method with Cofferdam	639 days	Mon 12/12/22	0%	Tue 4/2/25														
105																			
106	Construction of temporary working platform	111 days	Mon 12/12/22	0%	Tue 2/5/23	23FS+60 day													
107	Preparation of MDN	99 days	Mon 5/6/23	0%	Fri 29/9/23	106													
108	Construction of Cofferdam	269 days	Wed 6/12/23	0%	Fri 1/11/24	106FS+24 d													
109	Pilot Drilling of HDD	40 days	Thu 18/4/24	0%	Wed 5/6/24	107													
110	Enlargement of HDD and Pipe Installation	52 days	Wed 12/6/24	0%	Mon 12/8/24	109													
111	Construction of difuser manifold	74 days	Tue 13/8/24	0%	Sat 9/11/24	110													
112	Removal of cofferdam at both the manifold and the entry pit (including removal of silt curtain after removal of cofferdam)	30 days	Wed 1/1/25	0%	Tue 4/2/25														
113																			
114	Testing of Submaine Outfall	75 days	Sat 18/5/24	0%	Thu 15/8/24														
116																			
117	Completion of Section 2	0 days	Thu 15/8/24	0%	Thu 15/8/24	115													



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	Project Guide: Critical Task		Project Guide: Critical Task		Inactive Summary		Start-only		Summary	
	Split		Split		Manual Task		Finish-only			
	Milestone		Progress		Duration-only		External Tasks			
	Summary		Milestone		Manual Summary Rollup		External Milestone			

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APPENDIX E - IMPLEMENTATION OF RECOMMENDED MITGATION MEASURES



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			March 2024	April 2024	May 2024
Air Quality Impact	A10	Good housekeeping to minimize dust generation, e.g. by properly handling and storing dusty materials.	✓	✓	✓
	A11	Adopt dust control measures, such as dust suppression using water spray on exposed soil at least 4 times a day, in areas with dusty construction activities and during material handling.	✓	✓	✓
	A12	Store cement bags in shelter with 3 sides and the top covered by impervious materials if the stack exceeds 20 bags.	N/A	N/A	N/A
	A13	Maintain a reasonable height when dropping excavated materials to limit dust generation.	N/A	N/A	N/A
	A14	Limit vehicle speed within construction site and in Po Toi O to 10km/hr and confine vehicle movement in haul road.	✓	✓	✓
	A15	Minimize exposed earth after completion of work in a certain area by hydroseeding, vegetating, soil compacting or covering with bitumen.	✓	✓	✓
	A16	Provide wheel washing at construction site exit to clean the vehicle body and wheel.	✓	✓	✓



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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Air Quality Impact	A17	Cover materials on trucks before leaving the construction site to prevent debris from dropping during traffic movement or being blown away by wind	✓	✓	✓
	A18	Regular maintenance of plant equipment to prevent black smoke Emission.	✓	✓	✓
	A19	Throttle down or switch off unused machines or machine in intermittent use	✓	✓	✓
	A20	Minimize excavation area as far as possible.	✓	✓	✓
	A21	Store odorous excavated materials in covered containers and remove off-site as soon as possible within 24 hours.	✓	✓	✓
	A22	Cover open stockpiles of construction materials (e.g. aggregates, sand and fill materials) with impermeable materials such as tarpaulin during rainstorms.	Obs.	✓	✓
	A23	Hoarding of not less than 2.4 m high shall be erected from ground level to surround the construction site for sewage treatment plant along Po Toi O Chuen Road except for a construction site entrance or exit.	N/A	N/A	N/A
	A24	Carry out air quality monitoring throughout the construction period	✓	✓	✓



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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Noise Impact	N1	Use hand-held plant equipment or manual equipment within village area.	✓	✓	✓
	N2	For HDD, enclose the stationary plant equipment on three sides with cover. Only the side facing the sea shall be opened for heat exhaustion.	N/A	N/A	N/A
	N3	Generator should be placed at a fixed location at least 5-6m away from the NSRs and screened by noise barrier whenever excavation work must be carried out at their front doors.	✓	✓	✓
	N4	Avoid carrying out noisy activities at the same time. The work front of village sewer installation near NSRs PTO_N1 and PTO_N3 shall not be conducted concurrently with installation of Po Toi O Chuen Road sewer and horizontal directional drilling respectively.	✓	✓	✓
	N5	Vibratory poker shall only be operated 4m away from NSR and with noise barrier properly erected. Surfacing work within 4m from NSR shall be carried out by manual method.	✓	✓	✓
	N6	Schedule noisy activities to minimize exposure of nearby NSRs to high levels of construction noise.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Noise Impact	N7	Use Quality Powered Mechanical Equipment (QPME) which produces lower noise level.	✓	✓	✓
	N8	Erect 3m high mobile barriers with skid footing and a small cantilevered upper portion within a few meters of stationary plants and within about 5m of more mobile plant.	✓	✓	✓
	N9	Hand-held breaker shall be fitted with mufflers. A movable enclosure made up of plywood is proposed to surround both worker and breaker during breaking process. The internal wall of the enclosure should be laid with sound absorbent such as mineral wool.	✓	✓	✓
	N10	Regular maintenance of plant equipment to prevent noise emission due to impair.	✓	✓	✓
	N11	Position mobile noisy equipment in location and direction away from NSR.	✓	✓	✓
	N12	Use silencer or muffler on plant equipment and should be properly maintained.	✓	✓	✓
	N13	Throttle down or switch off unused machines or machine in intermittent use between work.	✓	✓	✓
	N14	Make good use of stockpiles or other structures for noise screening.	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Noise Impact	N15	Mobile plant should be sited as far away from NSRs as possible	✓	✓	✓
	N16	Reduce the percentage on-time for some noisy PMEs	✓	✓	✓
	N17	Carry out noise monitoring	✓	✓	✓



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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Water Quality Impact	W1	Divert the water from outfall of W3 (stream near Fairway Vista) during open cut excavation for laying of gravity sewer nearby.	✓	✓	✓
	W2	Place sandbag along the upstream section of the stream near Fairway Vista and along rocky shore during open cut excavation for laying of gravity sewers/rising mains nearby.	✓	✓	✓
	W3	Intercept the water from u-channel at the foot of the slope where the STP will be built.	✓	✓	✓
	W4	Install cofferdam around the proposed excavation area for entry pit of HDD work to prevent falling of debris into the sea	N/A	N/A	N/A
	W5	Install sheet piles in marine waters by vibratory action.	N/A	N/A	N/A
	W6	Marine works (dredging, construction and installation works at diffuser location, backfilling) shall be carried out inside the watertight cofferdam. The cofferdam can only be removed after completion of work.	N/A	N/A	N/A
	W7	Dredging should be carried out by grab dredgers anchored outside the cofferdam. The marine sediment should be placed in sealed compartment of the marine barge.	N/A	N/A	N/A
	W8	Water removed from the cofferdam should be desilted before discharge back into the sea.	N/A	N/A	N/A



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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Water Quality Impact	W9	Carry out water quality monitoring at water sensitive receivers before and during cofferdam installation works, throughout dredging works, and during cofferdam extraction works.	N/A	N/A	N/A
	W12	Set up sedimentation tank for settling suspended solids in wastewater before discharge into storm drains. Sand/silt removal facilities such as sand traps, silt traps and sedimentation basin should be provided with adequate capacity.	Obs.	Obs.	✓
	W13	Follow ProPECC PN 1/94 "Construction Site Drainage" as far as practicable	✓	✓	✓
	W14	Construct catchpits and perimeter channels prior to commencement of site formation works and earthworks	✓	✓	✓
	W15	Maintain silt removal facilities, channels, manholes before and after rainstorm.	✓	✓	✓
	W16	Remove silt and grit from silt trap at regular interval.	✓	✓	✓
	W17	Well design works program to minimize the work areas to minimize the soil exposure and site runoff.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Water Quality Impact	W18	Arrange soil excavation works outside rainy seasons (April to September) as far as possible. If this cannot be achieved, the following measures should be implemented:	✓	✓	✓
		Cover temporary exposed slope surfaces with impermeable materials, e.g. tarpaulin.	✓	✓	✓
		Protect temporary access roads by crushed stone or gravel.	✓	✓	✓
		Provide intercepting channels along crest/edge of excavation.	✓	✓	✓
	W19	Minimize exposed earth after completion of work in a certain area by hydroseeding, vegetating, soil compacting or covering with bitumen.	✓	✓	✓
	W20	Prevent rainwater from entering trenches. Excavation of trenches should be dug and backfilled in short sections during rainy seasons. Remove silt in rainwater collected from the trenches or foundation excavations prior to discharge to storm drains.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Water Quality Impact	W21	Cover open stockpiles of construction materials (e.g. aggregates, sand and fill materials) with impermeable materials such as tarpaulin during rainstorms.	✓	Rem.	Rem.
	W22	Cover and temporary seal manholes to prevent silt, construction materials or debris and surface runoff from entering foul sewers.	✓	✓	✓
	W23	Remove waste from the construction site regularly.	✓	✓	✓
	W24	Apply discharge license for effluent discharge. Treat the discharge to comply with the requirement in TM-DSS.	✓	✓	✓
	W25	Reuse treated effluent onsite, e.g. dust suppression, wheel washing and general cleaning.	✓	✓	✓
	W26	Monitor effluent water quality.	✓	✓	✓
	W27	Register as chemical waste producer if chemical waste will be generated.	✓	✓	✓
	W28	Perform maintenance of vehicles and equipment that have oil leakage and spillage potential on hard standings within a bunded area with sumps and oil interceptors.	✓	✓	✓



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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Water Quality Impact	W29	Dispose chemical waste in accordance to Waste Disposal Ordinance. Follow the <i>Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes</i> , examples as follows:	✓	✓	✓
		Store chemical wastes with suitable containers to avoid leakage or spillage during storage, handling and transport.	✓	✓	✓
		Label chemical waste containers according to the CoP to notify and warn the waste handlers.	✓	✓	✓
		Store chemical wastes at designated safe location with adequate space.	✓	✓	✓
	W30	Provide sufficient chemical toilets with regular maintenance by registered waste collector where necessary.	✓	✓	✓
	W31	Provide a drip tray/container underneath the bentonite recycling system.	N/A	Obs.	N/A
	W32	Carry out regular site inspection to audit the implementation of mitigation measures.	✓	✓	✓
	W33	Carry out effluent quality monitoring at location specified in the discharge license.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Waste/Chemical Management	WM4	Allocate an area for waste sorting and storage of C&D materials into the following categories for reuse, recycle or disposal if possible. Remove waste from the construction site for sorting once generated if no suitable space can be identified.	✓	✓	✓
		Excavated materials suitable for reuse	✓	✓	✓
		Inert C&D materials (or public fill) for disposal offsite	✓	✓	✓
		Non-inert C&D materials (or C&D waste) for disposal at landfills	✓	✓	✓
		Records of quantities generated/ recycled/ disposed maintained?	✓	✓	✓
		Chemical waste	✓	✓	✓
		Bentonite slurry for reconditioning and reuse	N/A	N/A	N/A
		General refuse	✓	✓	✓

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			March 2024	April 2024	May 2024
Waste/Chemical Management	WM5	Adopt good site practice as follows:	✓	✓	✓
		Provide training to workers on site cleanliness, waste management (waste reduction, reuse and recycle) and chemical handling procedures.	✓	✓	✓
		Cover waste materials with tarpaulin or in enclosure during transportation.	✓	Obs.	Obs.
		Maintain drainage systems, sumps and oil interceptors.	✓	✓	✓
		Sort out chemical waste for proper handling and treatment onsite or offsite.	✓	✓	✓




Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Waste/Chemical Management	WM6	Adopt good site practice as follows:	✓	✓	✓
		Allocate area/containers for sorting, recovering and storing waste for reuse, recycle or disposal (e.g. demolition debris and excavated materials, general refuse like aluminum cans.) Remove waste from the construction site for sorting once generated if no suitable space can be identified.	✓	✓	✓
		Allocate area for proper storage of construction materials to prevent contamination prevent soil contamination?	✓	✓	✓
		Maintain drainage systems, sumps and oil interceptors.	✓	✓	✓
		Minimize wastage through careful planning and avoiding over purchase of construction materials	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Waste/Chemical Management	WM7	Prepare and implement a site-specific Waste Management Plan (WMP) as part of Environmental Management Plan (EMP) in accordance with ETWB TCW No. 19/2005. Detail waste management method in the form of avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal according to the recommendations on the EIA and EM&A Manual. It should be approved by the ER and regularly reviewed.	✓	✓	✓
	WM8	Store waste materials properly as follows:	✓	✓	✓
		Avoid contamination by proper handling and storing waste.	✓	✓	✓
		Prevent erosion by covering waste.	✓	✓	✓
		Apply water spray on excavated materials.	✓	✓	✓
		Maintain and clean storage area regularly.	✓	Obs.	Obs.
		Sort and stockpile different materials at designated location to enhance reuse.	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Waste/Chemical Management	WM9	Apply for relevant waste disposal permits in accordance with the Waste Disposal Ordinance (Cap. 354), Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 345) and the Land (Miscellaneous Provisions) Ordinance (Cap.28) Dumping at Sea Ordinance (Cap. 466).	✓	✓	✓
	WM10	Hire licensed waste disposal contractors for waste collection and removal. Dispose waste at licensed waste disposal facilities	✓	✓	✓
	WM11	Implement trip-ticket system for recording the amount of waste generated, recycled and disposed, including chemical wastes	✓	✓	✓
	WM12	Provide wheel washing at construction site exit to clean the vehicle body and wheel.	✓	✓	✓
	WM13	Reduce water content in wet spoil generated from piling work by mixing with dry materials. Only dispose treated spoil with less than 25% dry density to Public Fill Reception Facilities	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Waste/Chemical Management	WM14	Dispose dry waste or waste with less than 70% water content by weight to landfill.	✓	✓	✓
	WM15	Follow the Code of Practice on the Packaging, Labelling and Storage of Chemical Waste as follows:	✓	✓	Obs.
		Store chemical wastes with suitable containers. Seal and maintain the container to avoid leakage or spillage during storage, handling and transport.	✓	✓	✓
		Label chemical waste containers in both English and Chinese with instructions in accordance to Schedule 2 of the Waste Disposal (Chemical Waste) (General) Regulation.	✓	✓	✓
		The container capacity should be smaller than 450 litres unless agreed by the EPD.	✓	✓	✓




Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Waste/Chemical Management	WM16	Comply with the requirement of the chemical storage area:	✓	✓	✓
		Store only chemical waste and label clearly the chemical characters of the waste.	✓	✓	✓
		Have at least 3 sides enclosed and protected from rainfall with cover.	✓	✓	✓
		Provide sufficient ventilation	✓	✓	✓
		Have impermeable floor and has bunds to contain 110% of the capacity of the largest container or 20% of the total volume of the stored waste in the area, whichever is larger		✓	✓
	WM17	Transfer used lubricants, waste oils and other chemicals to oil recycling companies, if possible, and empty oil drums for reuse or refill. No direct or indirect discharge is permitted	✓	✓	✓
	WM18	Hire licensed chemical waste disposal contractors for waste collection and removal. Dispose chemical waste at the approved Chemical Waste Treatment Centre at Tsing Yi or other licensed facility.	✓	✓	✓
	WM19	Hire reputable waste collector to separately collect and dispose general refuse from other wastes. Cover the waste to prevent being blown away.	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Waste/Chemical Management	WM20	Provide recycling bins for sorting out recyclables for collection by recycling companies. Non-recyclables should be removed to designated landfills every day by licensed collectors to prevent environmental and health nuisance.	✓	✓	✓
	WM21	Organize training and reminders to site staff on waste minimization through avoidance and reduction, reusing and recycling.	✓	✓	✓
	WM22	Used bentonite shall be reconditioned onsite and reused as far as practical to minimize wastage. If this is deemed not viable, the used bentonite shall be delivered offsite for reconditioning.	N/A	N/A	N/A
	WM23	Characterize the sediment quality of the marine sediment to be dredged and submit a Sediment Quality Report for EPD's approval. Dispose the dredged marine sediment in accordance with ETWB TC(W) No. 34/2002.	N/A	N/A	N/A




Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Ecology	E1	Erect bright colour fencing along the boundary of the undisturbed region of the shrubland and woodland, and around <i>Diospyros vaccinioides</i> , a plant species of conservation importance, near the work boundary to remind workers not to trespass or occupy the area, and to be careful during operation of equipment.	✓	✓	✓
	E2	Reinstate the disturbed rocky shore with the rocks temporarily removed.	N/A	N/A	N/A
	E3	Place sandbag around the section of W3 next to Fairway Vista and along the shore during open cut excavation for laying of gravity sewer nearby.	✓	✓	✓
	E4	Temporarily divert the water from outfall of W3 away from excavation area.	✓	✓	✓
	E5	Inspect the condition of the <i>Diospyros vaccinioides</i> near the work boundary as part of weekly site audit.	✓	✓	✓
	E6	Erection of hoarding, fencing or provision of clear demarcation of work zones	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Ecology	E7	Designate areas for placement of equipment, building materials and wastes away from the natural environment.	✓	✓	✓
	E8	Carry out tree preservation and compensatory tree planting will be carried out in accordance with DEVB TCW No. 7/2015.	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Landscape and Visual	CM8	Protective materials to be provided to natural rocky coastline to prevent damage to existing landform from plant and machinery during temporary drilling operations. Reinstatement following removal of plant & equipment to original or improved condition shall be undertaken.	N/A	N/A	N/A
	OM2	Use of appropriate building materials and colours for Sewage Treatment Plant to complement surroundings	N/A	N/A	N/A
	CM1	The construction area and contractor's temporary works areas should be minimized to avoid impacts on adjacent landscape. All slope excavation shall take place from within the work boundary to minimize impacts on adjacent slopes.	✓	✓	✓
	CM2	Reduction of construction period to practical minimum.	✓	✓	✓
	CM3	Construction traffic (land and sea) including construction plant, construction vessels and barges to be kept to a practical minimum.	✓	✓	✓
	CM4	Erection of decorative mesh screens or construction hoardings and/or temporary noise barriers around works areas in visually unobtrusive colors.	✓	✓	✓
	CM5	Avoidance of excessive height and bulk of site buildings and structures.	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Landscape and Visual	CM6	Protective materials to be provided to natural rocky coastline to prevent damage to existing landform from plant and machinery during temporary drilling operations. Reinstatement following removal of plant & equipment to original or improved condition shall be undertaken.	✓	✓	✓
	CM7	All existing trees shall be carefully protected during construction. A Detailed Tree Protection Specification shall be provided in the Contract Specification. Under this specification, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas. Tree risk assessment shall be undertaken to all existing trees within the project site as per "Guidelines for Tree Risk Assessment and Management Arrangement"	✓	✓	✓
	OM3	Lighting units to be directional and minimize unnecessary light spill and glare.	N/A	N/A	N/A
	OM4	Greening measures to reinstate the landscape which are appropriate to the context, including tree and shrub planting and vertical greening, shall be implemented.	N/A	N/A	N/A

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2024	April 2024	May 2024
Building Heritage	BH1	Undertake condition survey by professional qualified building surveyor or engineer to record the existing condition of the built heritage resources.	✓	✓	✓
	BH2	Carry out vibration and settlement monitoring to build heritage resources. A maximum vibration level 7.5mm/s shall be adopted for the Grade 3 Hung Shing Temple and settlement check points in the Alert/Alarm/Action limit levels at 6mm/8mm/10mm shall be adopted.	✓	✓	✓
	BH3	Are protective covering or protective screen provided to build heritage resources which are close to building area? (c.f. BH3)	N/A	N/A	N/A
	BH4	Maintain public access to the cultural landscape features (c.f. BH4)	N/A	N/A	N/A
	BH5	Provision of at least 1m buffer zone from the proposed works provided? (c.f. BH5)	N/A	N/A	N/A


Remark

N/A – Not Applicable


✓ – Implemented

Obs. – Observed

Rem. – Reminder

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APPENDIX F - METEOROLOGICAL DATA EXTRACTED FROM HONG KONG OBSERVATORY

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2024/03 Daily Extract of Meteorological Observations from HKO


Day	Hong Kong Observatory							King's Park	Waglan Island [^]		
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
1	1021.2	16.2	13.3	10.4	8.2	72	88	Trace	0	***	***
2	1022.2	14.1	12	9.6	7.5	74	88	0.3	0.4	***	***
3	1017.3	18.1	16.1	13.9	12.9	81	88	0.2	1	***	***
4	1012.3	22.9	19.7	17.3	18.2	91	88	1.4	0.7	***	***
5	1008.8	26.8	24.3	22.1	22	87	88	Trace	2.1	***	***
6	1010.6	26.5	22.9	20.1	20.2	85	87	0.1	2.4	***	***
7	1016.6	20.2	18.7	17.1	13.6	72	88	Trace	0	***	***
8	1018.8	22.4	18.8	15.7	11.8	64	69	0.2	7.2	***	***
9	1019.4	19.1	16.6	15.1	11.7	73	88	2.1	0.1	***	***
10	1021	16.8	16	15.3	13.2	83	90	4.6	0	***	***
11	1018.9	18.6	17.2	16	15.7	91	82	11.7	0	***	***
12	1018.8	24	19.3	15.6	11.4	61	6	0	11.3	***	***
13	1018.6	21.2	19.4	17.7	12.8	66	70	Trace	5.5	***	***
14	1017.3	22	19.8	18.6	14.4	71	87	0	5.1	***	***
15	1017.2	21.3	20.2	19.5	16.5	79	88	0	0.3	***	***
16	1017.8	22.4	20.7	19.5	18.6	88	91	Trace	0.1	***	***
17	1016.4	26.8	23.1	20.7	20.5	86	68	0	4.9	***	***
18	1016.2	23	21	19.8	19.6	92	83	0.6	0	***	***
19	1019.5	24.6	21.2	19.5	15	69	65	0.3	3.5	***	***
20	1022.4	24.3	20.8	18.3	11.2	54	41	0	10.5	***	***
21	1017.9	23.8	20.7	18.4	13.7	65	57	Trace	10.6	***	***
22	1013.3	25.9	22.5	20.4	19.4	83	86	Trace	6.8	***	***
23	1012.8	29.1	24.7	22.1	21.7	84	86	0	3	***	***
24	1014.7	31.5	26.4	24.5	22	77	65	0	10.7	***	***
25	1014.5	28.9	25.9	23.8	22	79	61	0	7.2	***	***
26	1017	30.3	26.2	23.7	22	79	54	0	8.6	***	***
27	1018.5	25.1	22.4	20.8	19	82	85	Trace	4	***	***
28	1013.9	27.9	24.7	22.4	21.2	82	86	0	4.4	***	***
29	1013.8	30	25.5	23	21.8	81	88	Trace	6.9	***	***
30	1013.5	30.8	26.4	24.3	22.7	80	80	Trace	5.4	***	***
31	1011.1	27.8	27.1	26	24.1	84	88	0.1	0.1	***	***
Mean/Total	1016.5	23.9	21.1	19.1	16.9	78	77	21.6	122.8	***	***
Climatological Normal?	1016.1	21.9	19.5	17.6	16.1	82	77	75.3	100	60	23

[^] Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since August 1989

Trace means rainfall less than 0.05 mm

? 1991-2020 Climatological Normal, unless otherwise specified

Source: [Daily Extract | Hong Kong Observatory\(HKO\) | Climate Information Service](#)

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2024/4 Daily Extract of Meteorological Observations from HK

Day	Hong Kong Observatory							King's Park	Waglan Island [^]		
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
1	1010	29.1	27.3	26.3	23.8	81	88	Trace	0.9	***	***
2	1009.3	28.9	27	25.9	23.1	80	87	0	0.9	***	***
3	1010.1	28.9	27.3	26.1	23.5	80	86	Trace	2.2	***	***
4	1010.5	28.5	27.2	26.5	23.7	81	82	Trace	2.1	***	***
5	1011.9	29.3	26.5	24.7	22.9	81	84	0.3	0.7	***	***
6	1012.1	25.4	24.4	23.4	22.4	89	88	2.7	0	***	***
7	1010.6	28.3	25.4	23.7	23.1	88	87	0.9	2.7	***	***
8	1012.3	28.8	25.1	23	22.6	87	88	0	1.7	***	***
9	1015.8	24.3	22.9	21.7	18.9	78	88	Trace	0	***	***
10	1017.2	26.8	23.7	21.9	17.3	68	75	0	9	***	***
11	1016.1	27.7	24.5	22.8	20.2	77	52	0	7.5	***	***
12	1013.5	30.2	25.8	23.1	21.5	78	31	0	10.9	***	***
13	1011.4	31.9	26.9	24.3	22.3	77	46	0	9.9	***	***
14	1012	31.4	27.7	25.7	23.3	78	84	0	5.3	***	***
15	1013	30.3	27.7	26.2	23.6	79	85	0	5.2	***	***
16	1011.1	31.4	27.9	25.2	23.3	77	75	0	9.3	***	***
17	1009.9	30.9	28.4	27	24.1	78	75	0	6.5	***	***
18	1008.9	29.5	26.9	24.1	23.1	80	85	8.6	1.8	***	***
19	1008.2	29.9	27.6	26.1	23.9	80	88	2.2	0.7	***	***
20	1008	29.5	27.4	23.3	23.9	81	88	42.2	1.3	***	***
21	1009.3	27.2	23.9	21.5	22.1	90	90	81.6	0	***	***
22	1008.8	26.9	25.2	23.3	23.4	90	87	13.2	0.7	***	***
23	1008	27.2	25.4	24.6	23.8	91	91	40	0.6	***	***
24	1008.9	27.8	25.9	24.8	23.8	88	85	Trace	0.6	***	***
25	1007.1	28.5	26.6	24.4	23.9	86	84	5.7	1.7	***	***
26	1004.3	29	27.3	24.4	25.1	88	90	25	0.1	***	***
27	1005.1	30.2	28.8	27.7	25.9	85	88	0.8	0.3	***	***
28	1008.9	28.3	25.4	23.4	23.7	90	88	12.2	0.2	***	***
29	1008.5	29.9	27.7	25.3	25	85	88	0	2.2	***	***
30	1005	30.5	28.6	23.1	24.9	81	86	21.7	2.5	***	***
Mean/Total	1010.2	28.9	26.4	24.5	23.1	82	81	257.1	87.5	***	***
Climatological Normal?	1013	25.6	23	21.1	19.7	83	77	153	113.2	70	20.5

[^] Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since August 1989

Trace means rainfall less than 0.05 mm

? 1991-2020 Climatological Normal, unless otherwise specified

Source: [Daily Extract | Hong Kong Observatory\(HKO\) | Climate Information Service](#)



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2024/5 Daily Extract of Meteorological Observations from HKO


Day	Hong Kong Observatory								King's Park	Waglan Island^
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)						
1	1008.4	24.5	23.7	22.4	22.3	92	88	52.9	***	***
2	1011.7	25.6	24.6	23.7	22.4	88	88	1.1	***	***
3	1012.2	24.8	24.3	23.7	21.9	87	88	Trace	***	***
4	1009.3	25.4	24	22.4	22.8	93	88	75.1	***	***
5	1010	28.3	25.3	22.8	22.8	86	79	5.3	***	***
6	1012	31.9	27.7	24.6	24.2	82	53	0	***	***
7	1013.4	31	27.2	25.6	23.4	80	84	0	***	***
8	1014	30.3	26.7	25.1	22.2	76	82	Trace	***	***
9	1015.3	28.5	25.8	25	19.4	68	88	0	***	***
10	1015.1	26.9	25.3	24.2	19.9	72	88	Trace	***	***
11	1013.7	30	26.7	24.8	23	81	88	Trace	***	***
12	1011.7	30.7	27.1	25.3	24.3	85	87	3.1	***	***
13	1011.6	30.3	26.4	23.7	22.6	81	88	0.7	***	***
14	1013.7	29.2	25.5	23.1	18.1	64	40	0	***	***
15	1014.6	30.5	26.4	23.6	18.3	62	64	0	***	***
16	1014.8	29.2	26.2	24.6	17.5	60	55	0	***	***
17	1012.5	28.5	25.9	23.9	20.1	71	80	Trace	***	***
18	1009.6	28.6	26.3	25.1	20.6	71	88	Trace	***	***
19	1007.4	26.3	25.1	24.1	21.9	83	88	17.5	***	***
20	1006.8	25.4	24.5	23.9	23.1	92	88	30.7	***	***
21	1008.3	26.2	25.3	24.1	24.4	95	91	45.3	***	***
22	1008.9	27	26.1	25.2	24.5	91	91	Trace	***	***
23	1009.4	28.2	25.9	25	24.2	91	94	2.5	***	***
24	1010	26.4	25.3	24.6	24	92	92	17.6	***	***
25	1010.1	27.7	26.3	24.8	24.7	91	88	7.8	***	***
26	1008.3	30.2	27.4	25.7	25	87	88	0.3	***	***
27	1003.8	29.9	28.4	27.3	25.5	85	88	6.7	***	***
28	1002.9	32	28.1	26	24.9	83	88	8.9	***	***
29	1005.8	28.8	25.8	24.6	19.9	70	87	0	***	***
30	1005.9	26.2	25.5	24.6	22.9	86	88	3.7	***	***
31	1006.5	29.8	27.2	25.8	25.7	91	88	13.4	***	***
an/Total	1010.2	28.3	26	24.5	22.5	82	83	292.6	***	***
Climatologic al Normal?	1009.3	28.8	26.3	24.5	23	83	76	290.6	138.8	80

^ Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since August 1989


Trace means rainfall less than 0.05 mm

? 1991-2020 Climatological Normal, unless otherwise specified

Source: [Daily Extract | Hong Kong Observatory\(HKO\) | Climate Information Service](#)

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APPENDIX G - GRAPHICAL PLOTS OF THE MONITORING RESULT

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AMS1N – 1-hour and 24-hour TSP monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
2- Mar -24	Cloudy	65.3	62.0
8- Mar -24	Cloudy	46.7	47.0
14- Mar -24	Fine	45.3	46.0
20- Mar -24	Fine	46.3	47.0
26- Mar -24	Sunny	35.3	35.0
28- Mar -24	Fine	35.3	36.0



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Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3- Apr -24	Fine	34.0	36.0
9- Apr -24	Cloudy	34.7	36.0
15- Apr -24	Fine	38.0	38.0
19- Apr -24	Cloudy	29.3	28.0
25- Apr -24	Cloudy	35.0	36.0
30- Apr -24	Cloudy	38.0	38.0



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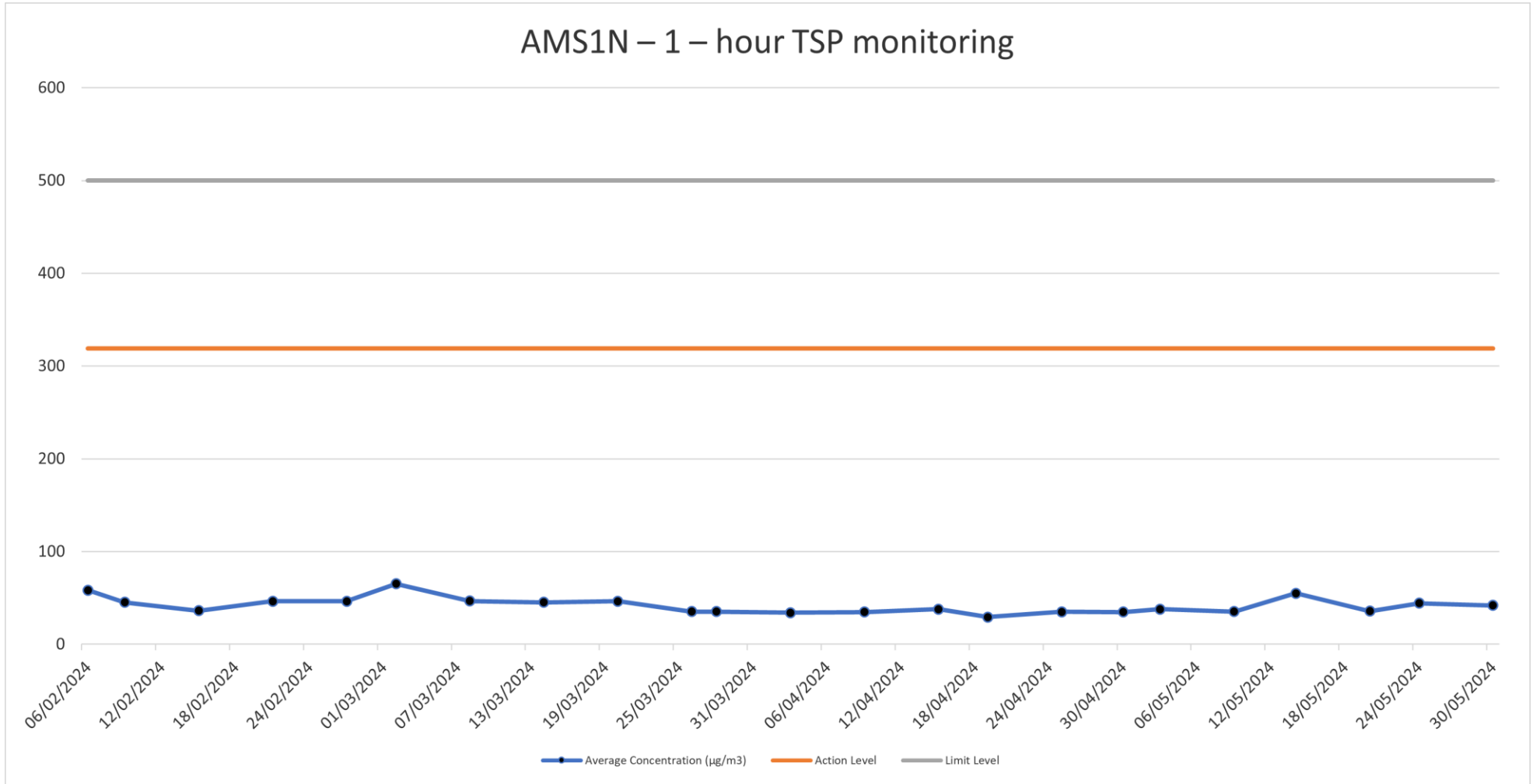
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Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3-May-24	Cloudy	38.0	38.0
9-May-24	Fine	35.3	36.0
14-May-24	Fine	55.0	42.0
20-May-24	Cloudy	35.7	35.0
24-May-24	Cloudy	44.3	43.0
30-May-24	Cloudy	42.0	42.0
	Average:	40.8	40.1
	Action Level:	319	153
	Limit Level:	500	260



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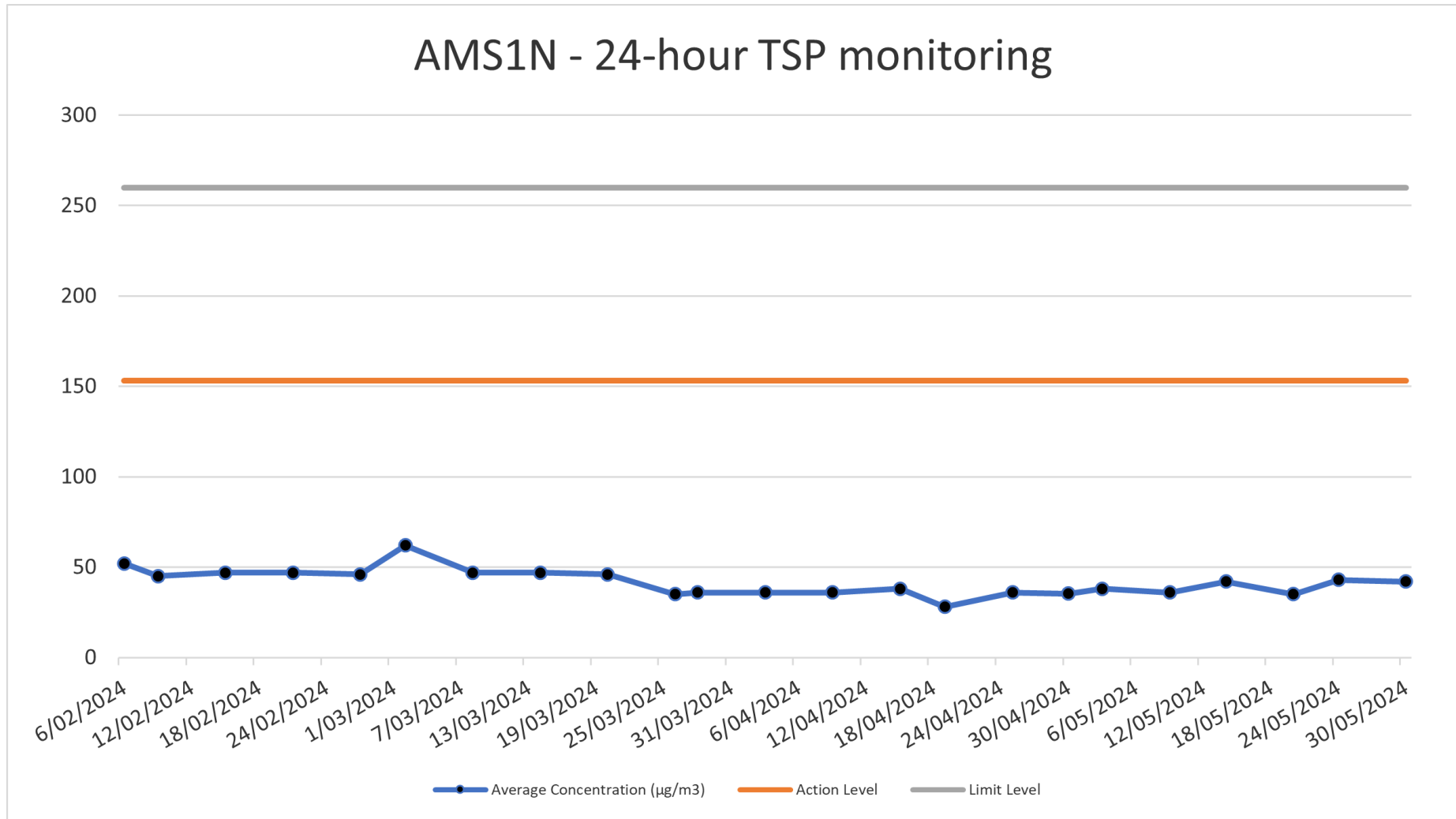
AMS1N- 1 – hour TSP Monitoring






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AMS1N- 24- hour TSP Monitoring



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AMS2N1 – 1- hour and 24-hour TSP Monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
2- Mar -24	Cloudy	124.7	132.0
8- Mar -24	Cloudy	44.0	43.0
14- Mar -24	Fine	43.0	44.0
20- Mar -24	Fine	44.0	46.0
26- Mar -24	Sunny	35.3	49.0
28- Mar -24	Fine	48.3	50.0



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Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3- Apr -24	Fine	46.3	45.0
9- Apr -24	Cloudy	48.3	50.0
15- Apr -24	Fine	53.3	52.0
19- Apr -24	Cloudy	37.7	33.0
25- Apr -24	Cloudy	35.0	45.0
30- Apr -24	Cloudy	53.3	49.0



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Quarterly EM&A Report

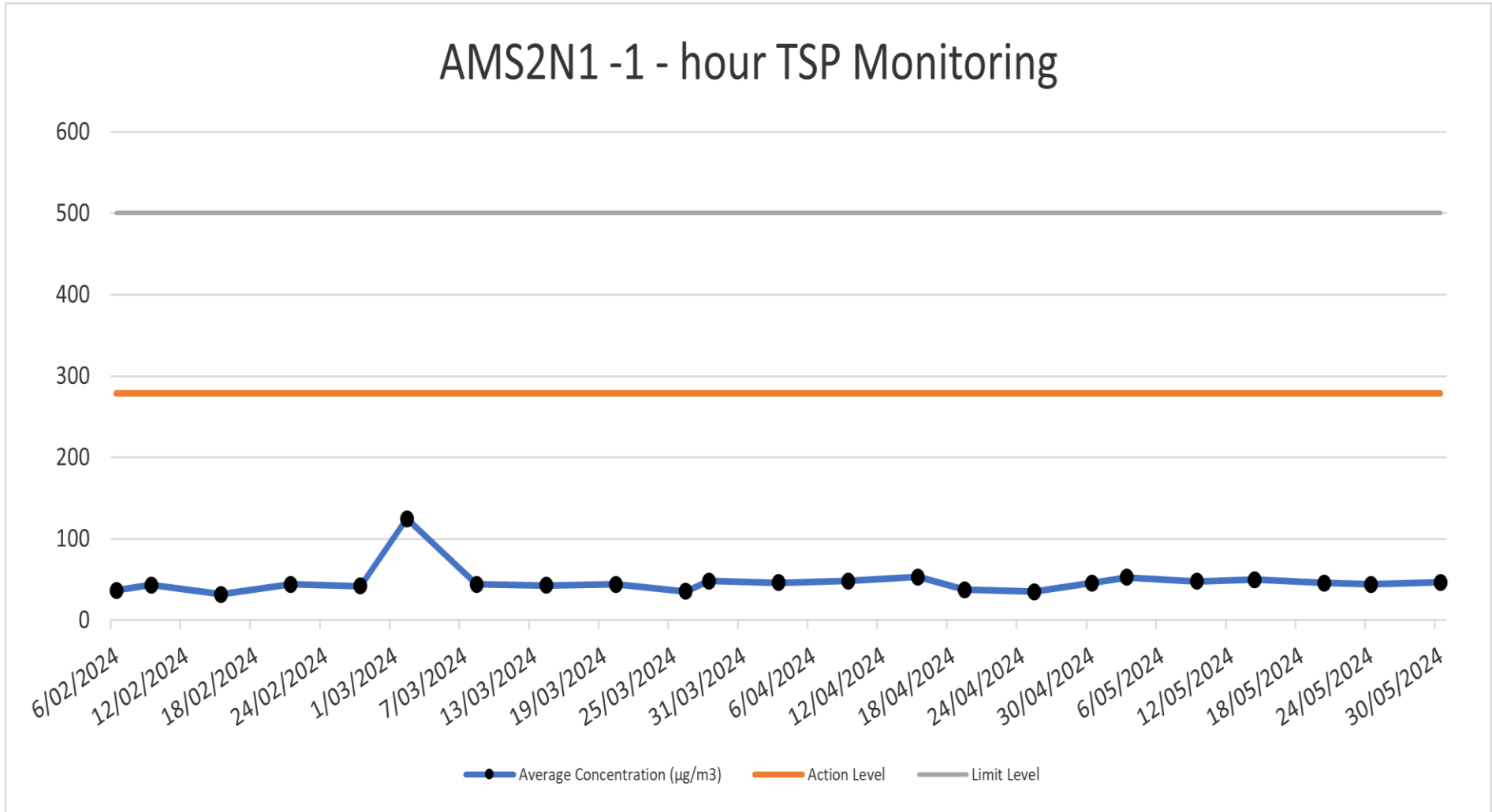
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Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3-May-24	Cloudy	52.7	52.0
9-May-24	Fine	47.7	49.0
14-May-24	Fine	49.7	39.0
20-May-24	Cloudy	45.7	45.0
24-May-24	Cloudy	44.3	44.0
30-May-24	Cloudy	46.7	41.0
	Average:	50.0	50.4
	Action Level:	279	179
	Limit Level:	500	260



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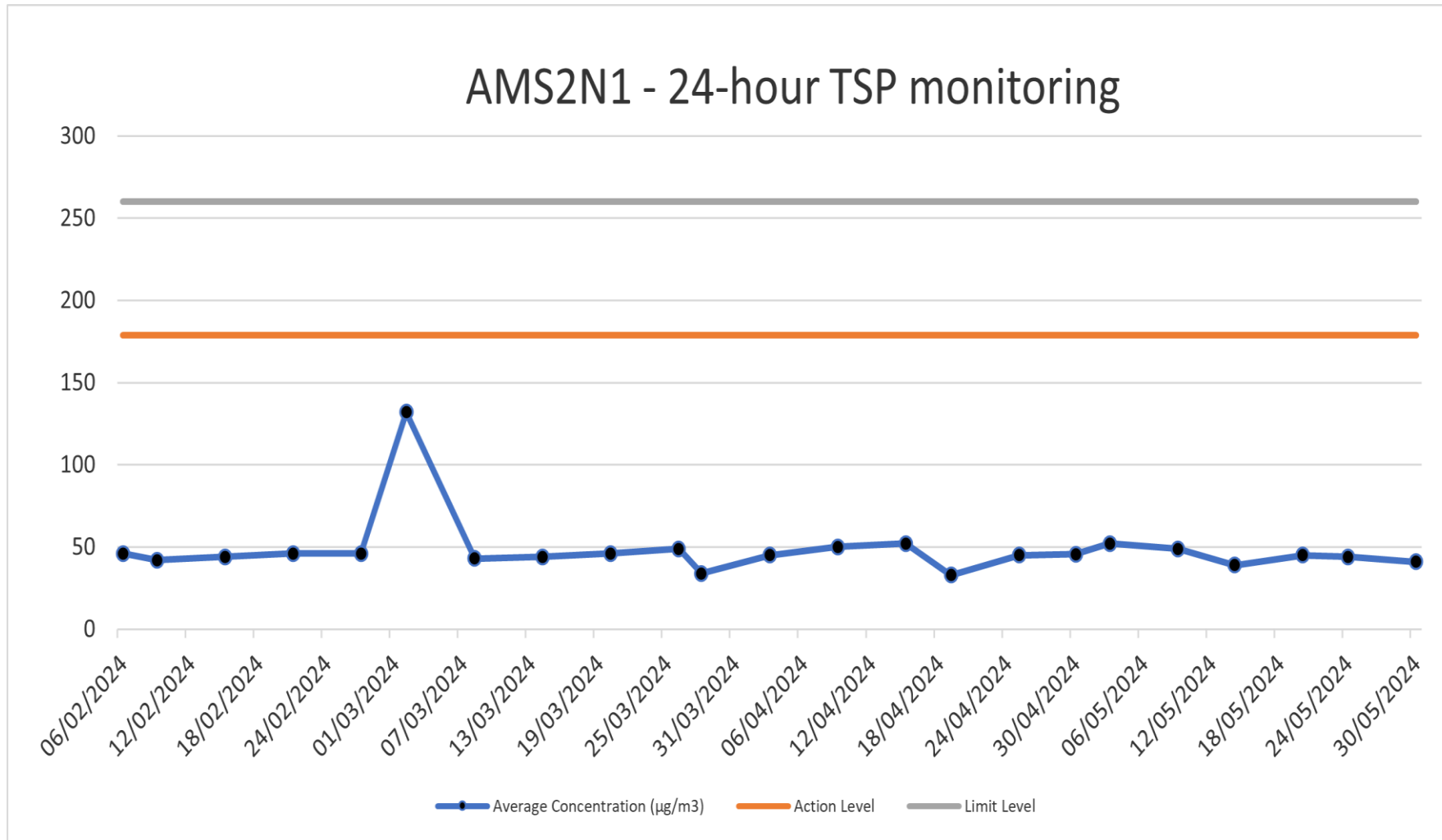
AMS2N- 1 – hour TSP Monitoring






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AMS2N1- 24 – hour TSP Monitoring



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AMS3N – 1- hour and 24-hour TSP Monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m ³)	Average Concentration (µg/m ³)
2- Mar -24	Cloudy	47.0	48.0
8- Mar -24	Cloudy	38.3	40.0
14- Mar -24	Fine	36.3	36.0
20- Mar -24	Fine	36.7	36.0
26- Mar -24	Sunny	38.7	38.0
28- Mar -24	Fine	37.0	37.0



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Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3- Apr -24	Fine	37.7	38.0
9- Apr -24	Cloudy	36.7	38.0
15- Apr -24	Fine	38.0	37.0
19- Apr -24	Cloudy	26.0	26.0
25- Apr -24	Cloudy	38.3	37.0
30- Apr -24	Cloudy	38.0	37.0



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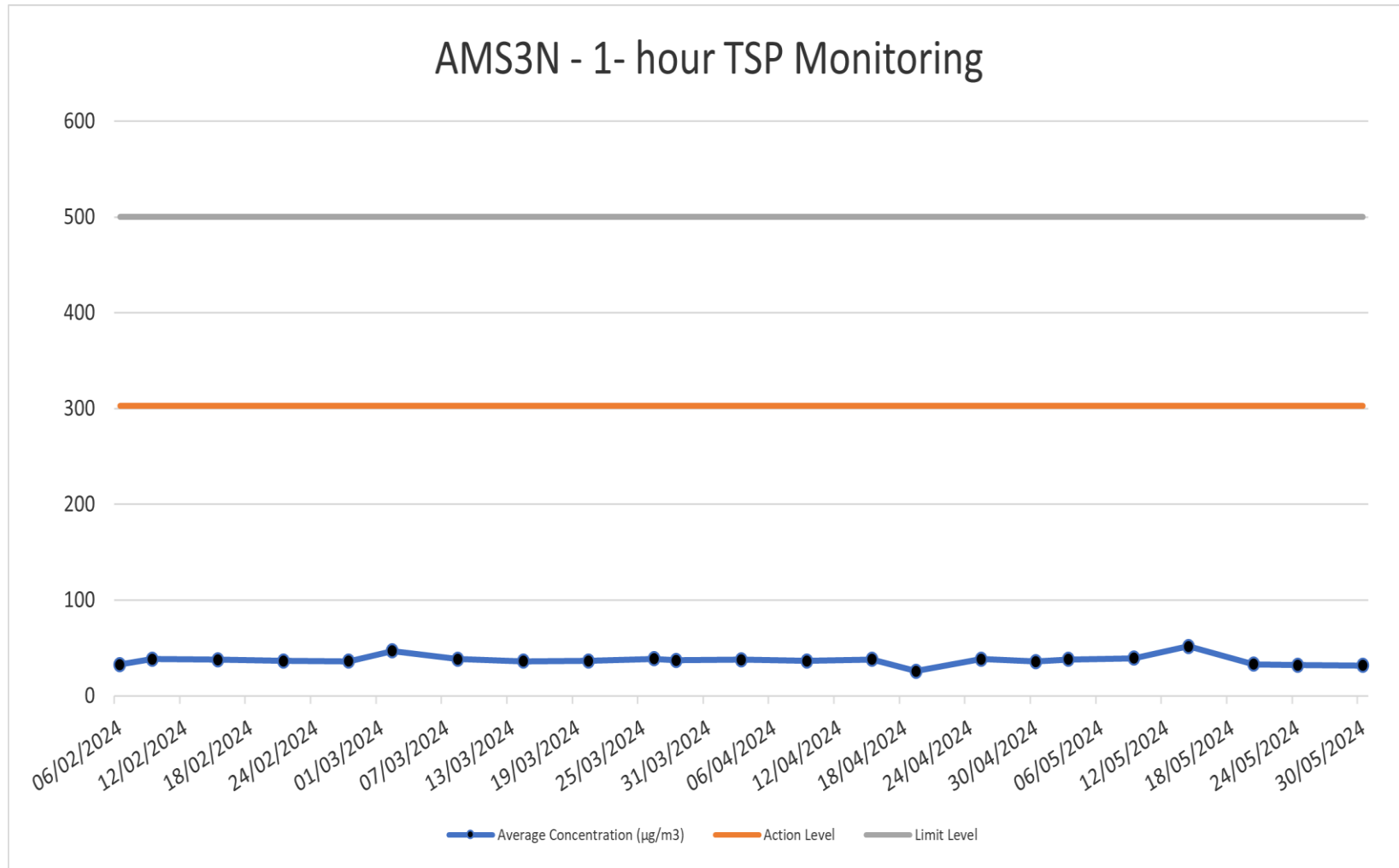
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Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3-May-24	Cloudy	38.0	37.0
9-May-24	Fine	39.3	39.0
14-May-24	Fine	51.7	39.0
20-May-24	Cloudy	33.0	38.0
24-May-24	Cloudy	32.0	31.0
30-May-24	Cloudy	31.7	31.0
	Average:	37.5	36.8
	Action Level:	303	158
	Limit Level:	500	260



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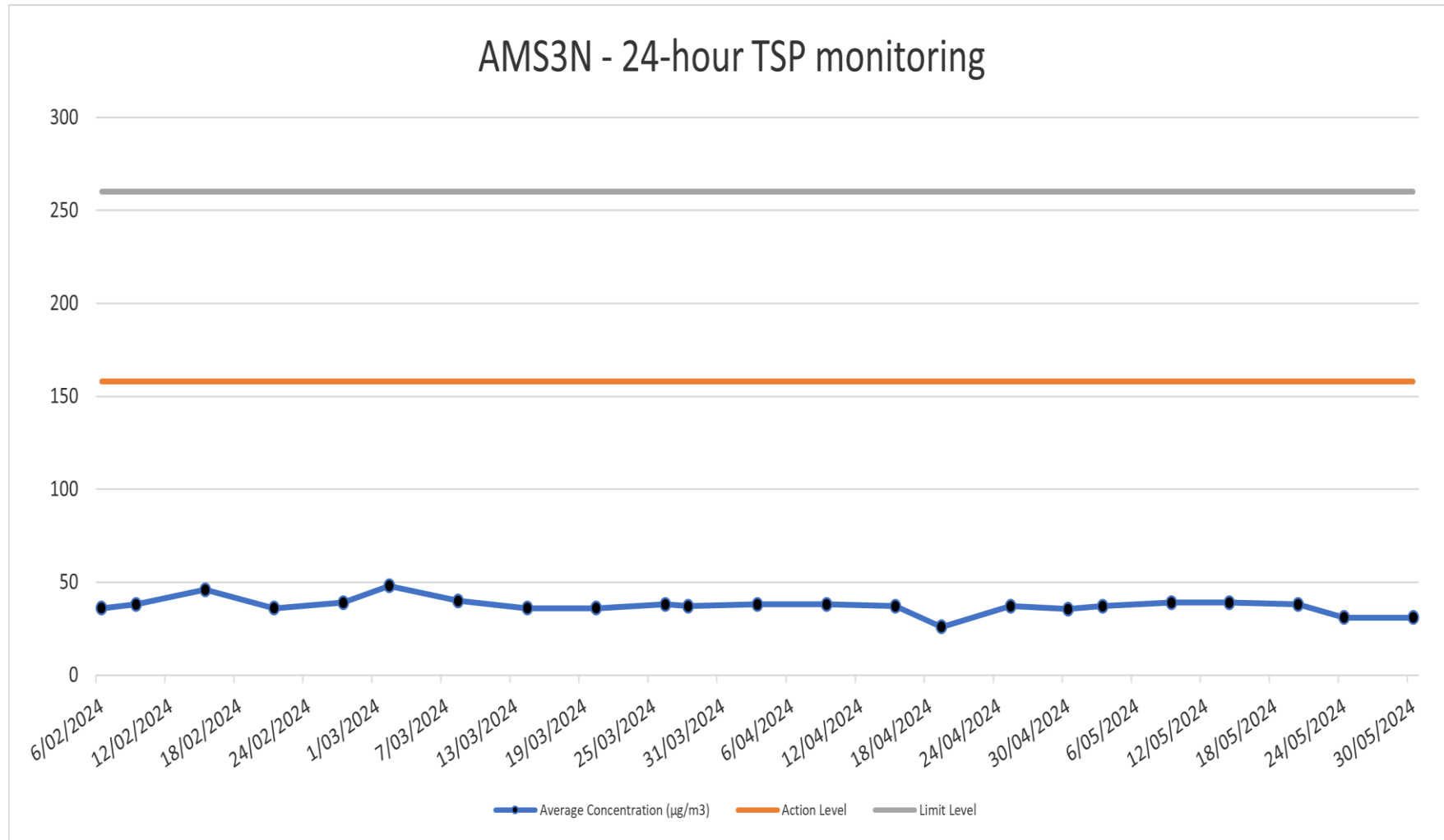
AMS3N- 1 – hour TSP Monitoring






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AMS3N – 24-hour TSP Monitoring



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AMS4N — 1- hour and 24-hour TSP Monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
2- Mar -24	Cloudy	49.0	45.0
8- Mar -24	Cloudy	39.3	40.0
14- Mar -24	Fine	36.3	38.0
20- Mar -24	Fine	37.3	37.0
26- Mar -24	Sunny	32.3	31.0
28- Mar -24	Fine	34.3	36.0



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Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration ($\mu\text{g}/\text{m}^3$)	Average Concentration ($\mu\text{g}/\text{m}^3$)
3- Apr -24	Fine	33.0	35.0
9- Apr -24	Cloudy	32.3	33.0
15- Apr -24	Fine	38.0	35.0
19- Apr -24	Cloudy	25.0	30.0
25- Apr -24	Cloudy	30.7	31.0
30- Apr -24	Cloudy	38.0	33.0



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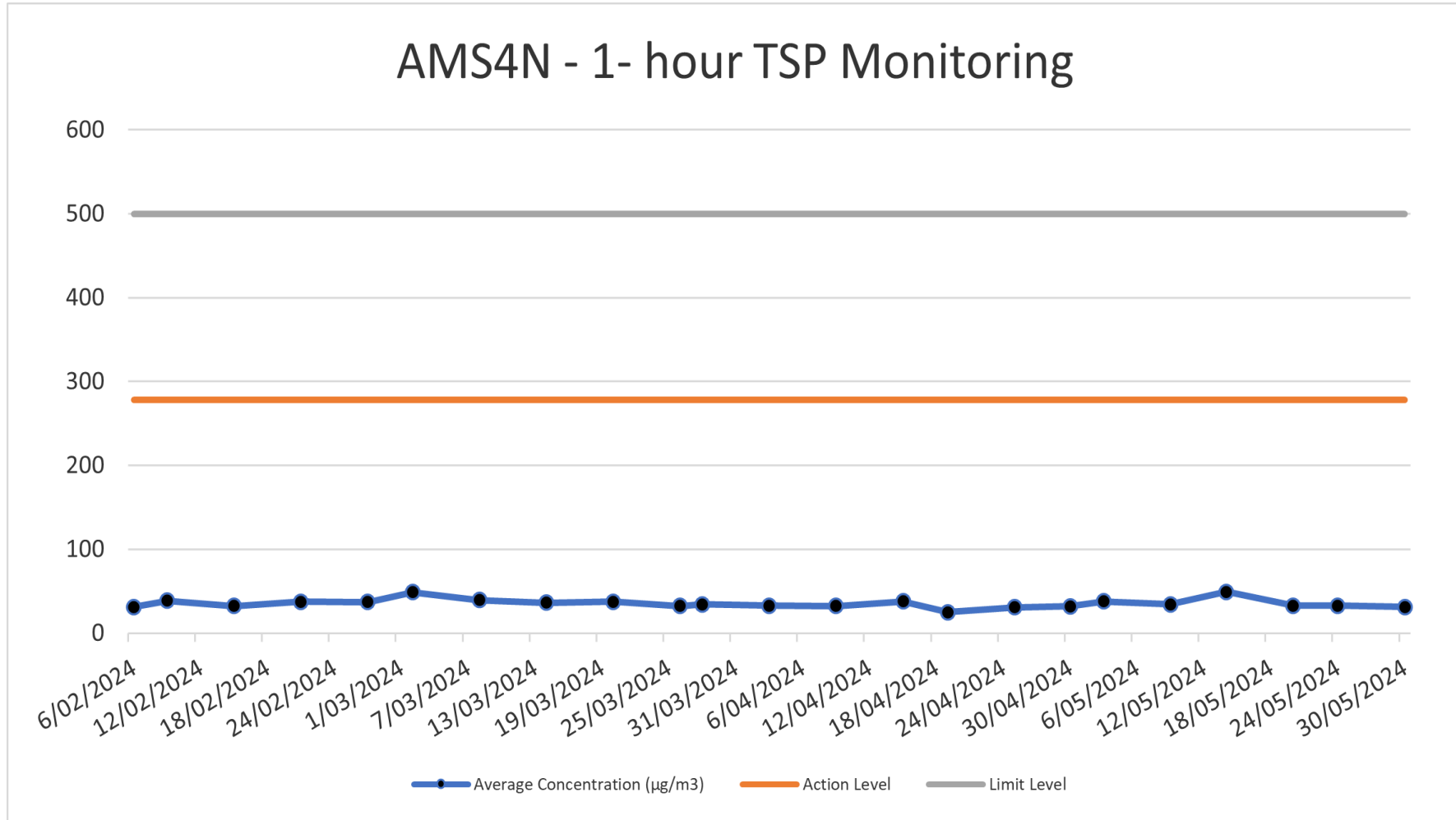
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Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3-May-24	Cloudy	38.0	35.0
9-May-24	Fine	34.3	35.0
14-May-24	Fine	49.3	40.0
20-May-24	Cloudy	33.0	36.0
24-May-24	Cloudy	32.7	34.0
30-May-24	Cloudy	31.3	35.0
	Average:	35.8	35.5
	Action Level:	278	144
	Limit Level:	500	260



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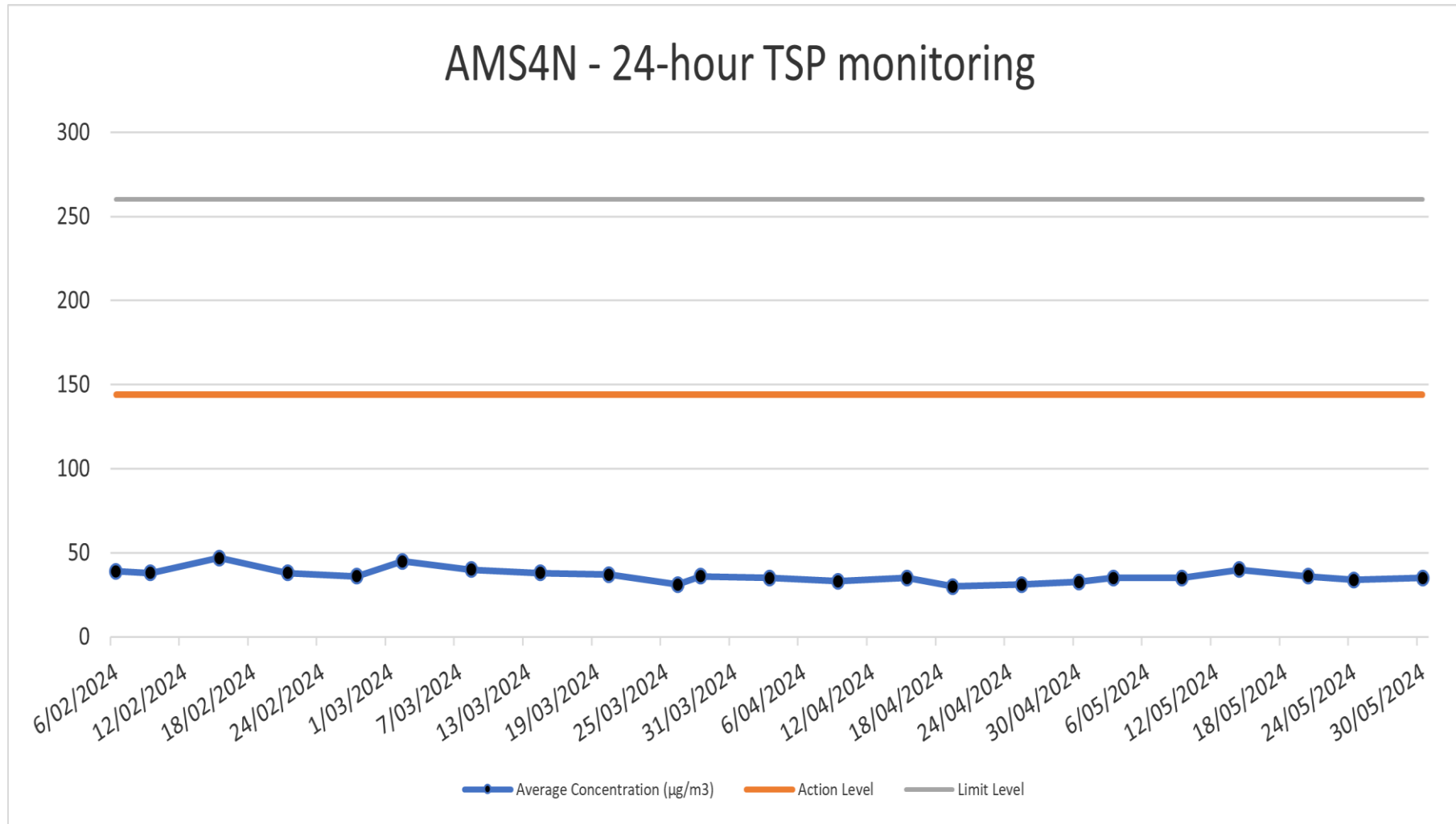
AMS4N- 1 – hour TSP Monitoring






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AMS4N- 24 – hour TSP Monitoring



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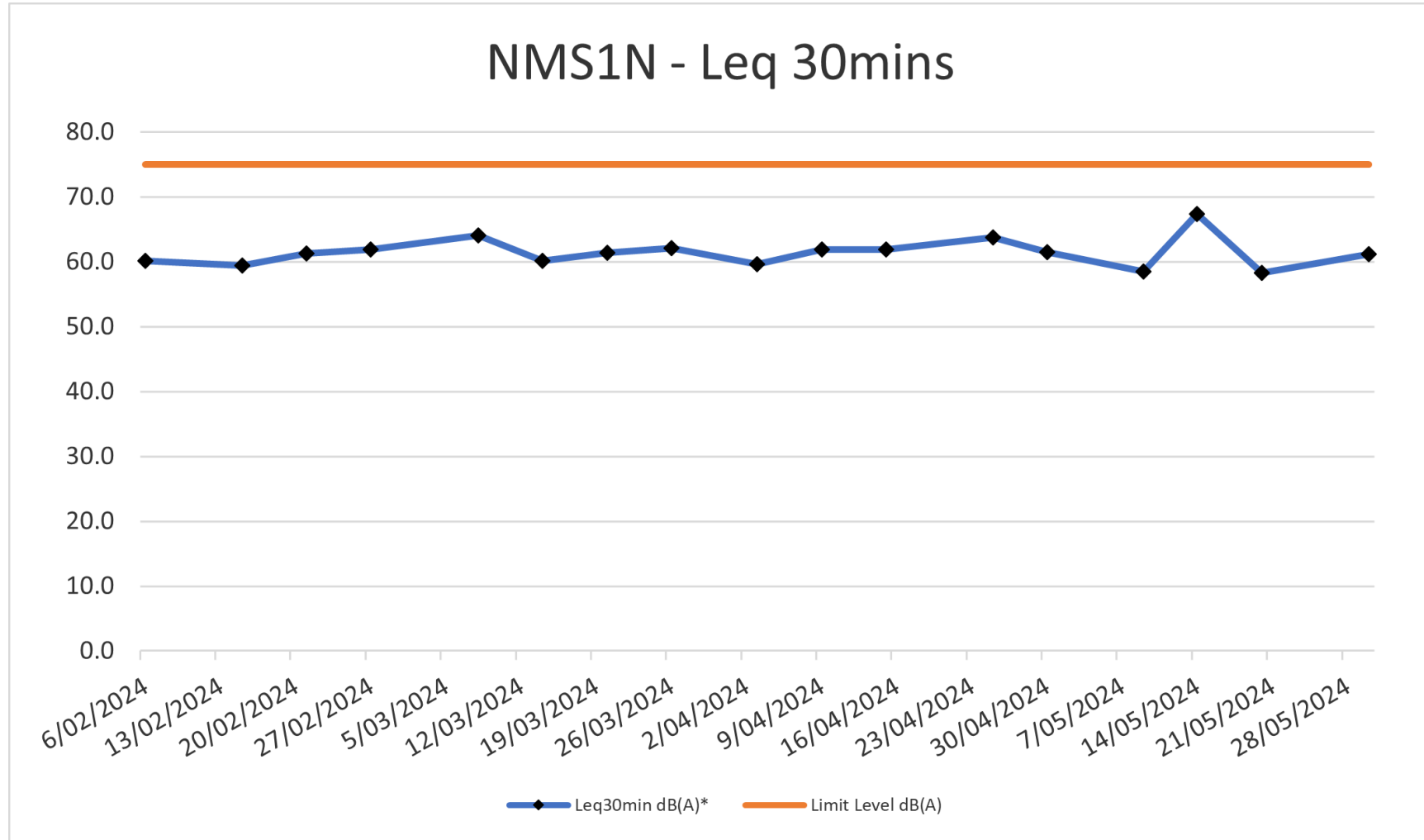
NMS1N – Leq30 Noise monitoring


Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
8-Mar-24	Cloudy	64.0	58.9	67.2	75
14-Mar-24	Fine	60.2	51.4	63.0	75
20-Mar-24	Fine	61.3	54.6	63.7	75
26-Mar-24	Sunny	62.1	49.1	65.0	75
3-Apr-24	Fine	59.6	56.0	62.4	75
9-Apr-24	Cloudy	61.9	54.8	64.3	75
15-Apr-24	Fine	61.9	55.5	63.6	75
25-Apr-24	Cloudy	63.8	61.1	65.3	75
30-Apr-24	Cloudy	61.5	56.2	63.3	75
9- May -24	Fine	58.5	54.8	60.6	75
14- May -24	Fine	67.3	51.2	69.6	75
20- May -24	Cloudy	58.3	54.7	60.9	75
30- May -24	Cloudy	61.2	53.9	63.5	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				



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NMS1N – Leq30 Noise monitoring



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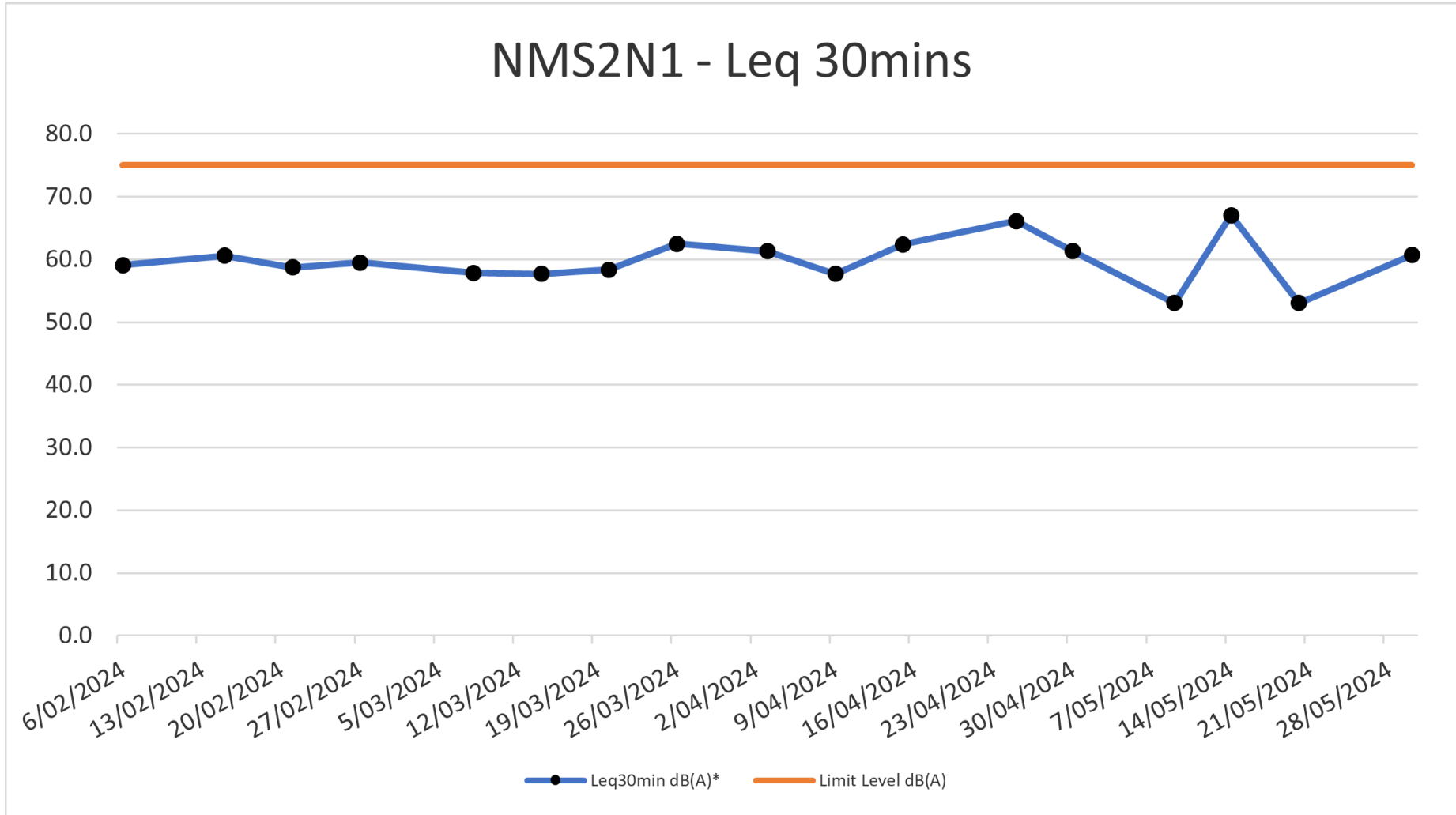
NMS2N1 – Leq30 Noise monitoring


Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
8-Mar-24	Cloudy	57.8	51.2	63.8	75
14-Mar-24	Fine	57.7	49.8	59.7	75
20-Mar-24	Fine	58.4	50.9	60.6	75
26-Mar-24	Sunny	62.5	53.2	65.6	75
3-Apr-24	Fine	61.3	57.3	64.0	75
9-Apr-24	Cloudy	57.7	52.1	60.6	75
15-Apr-24	Fine	62.4	58.0	65.3	75
25-Apr-24	Cloudy	66.1	64.9	67.1	75
30-Apr-24	Cloudy	61.3	56.9	64.3	75
9- May -24	Fine	53.0	47.4	56.3	75
14- May -24	Fine	67.0	62.5	69.8	75
20- May -24	Cloudy	53.0	47.4	56.9	75
30- May -24	Cloudy	60.7	57.5	62.5	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				



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NMS2N1 – Leq30 Noise monitoring



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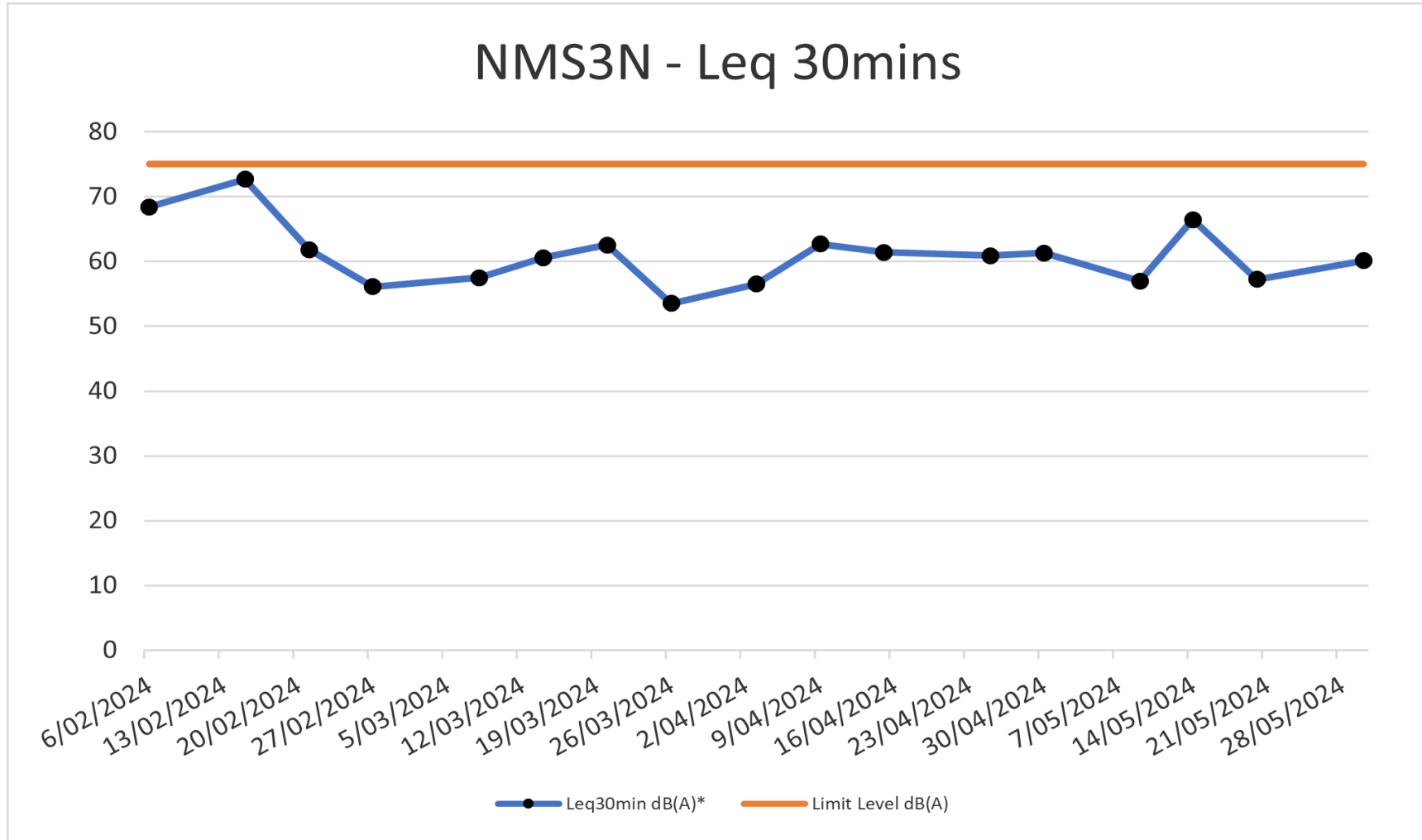
NMS3N – Leq30 Noise monitoring


Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
8-Mar-24	Cloudy	57.5	48.3	60.7	75
14-Mar-24	Fine	60.6	56.4	63.8	75
20-Mar-24	Fine	62.5	58.6	65.3	75
26-Mar-24	Sunny	53.5	46.5	56.5	75
3-Apr-24	Fine	56.5	51.3	59.7	75
9-Apr-24	Cloudy	62.7	58.5	65.7	75
15-Apr-24	Fine	61.4	58.0	65.0	75
25-Apr-24	Cloudy	60.9	58.0	63.0	75
30-Apr-24	Cloudy	61.3	57.6	63.4	75
9- May -24	Fine	57.0	48.1	61.5	75
14- May -24	Fine	66.5	63.6	68.8	75
20- May -24	Cloudy	57.2	51.6	62.1	75
30- May -24	Cloudy	60.1	57.9	61.9	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				



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NMS3N – Leq30 Noise monitoring



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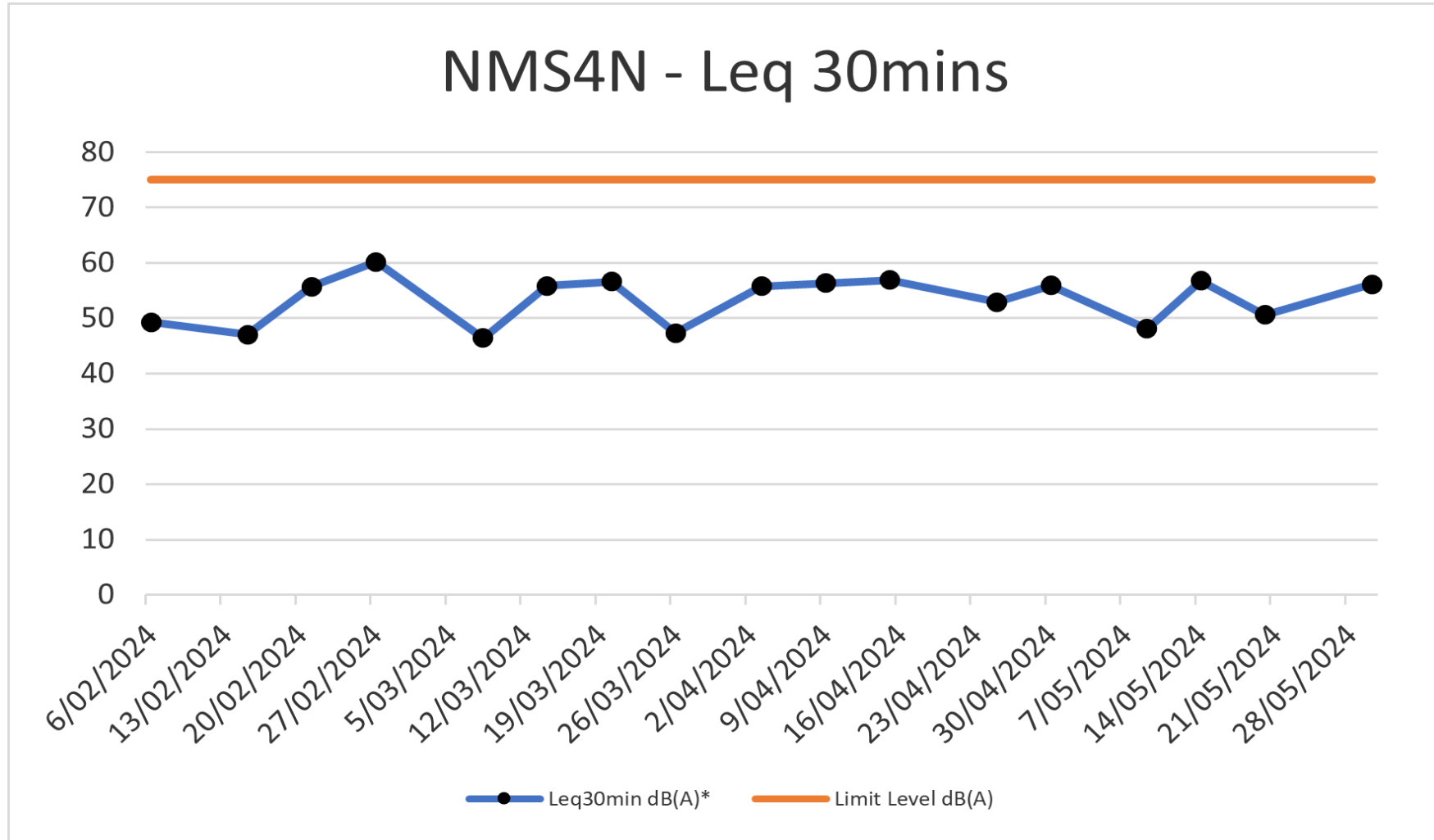
NMS4N – Leq30 Noise monitoring


Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
8-Mar-24	Cloudy	46.4	42.5	48.3	75
14-Mar-24	Fine	55.8	46.3	57.7	75
20-Mar-24	Fine	56.6	46.2	60.5	75
26-Mar-24	Sunny	47.3	44.6	50.0	75
3-Apr-24	Fine	55.8	47.7	58.7	75
9-Apr-24	Cloudy	56.3	47.0	59.5	75
15-Apr-24	Fine	56.9	48.6	61.9	75
25-Apr-24	Cloudy	52.9	50.3	55.6	75
30-Apr-24	Cloudy	55.9	48.1	58.5	75
9- May -24	Fine	48.1	45.2	51.1	75
14- May -24	Fine	56.7	46.5	60.7	75
20- May -24	Cloudy	50.6	47.3	53.4	75
30- May -24	Cloudy	56.1	49.4	59.3	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				



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NMS4N – Leq30 Noise monitoring



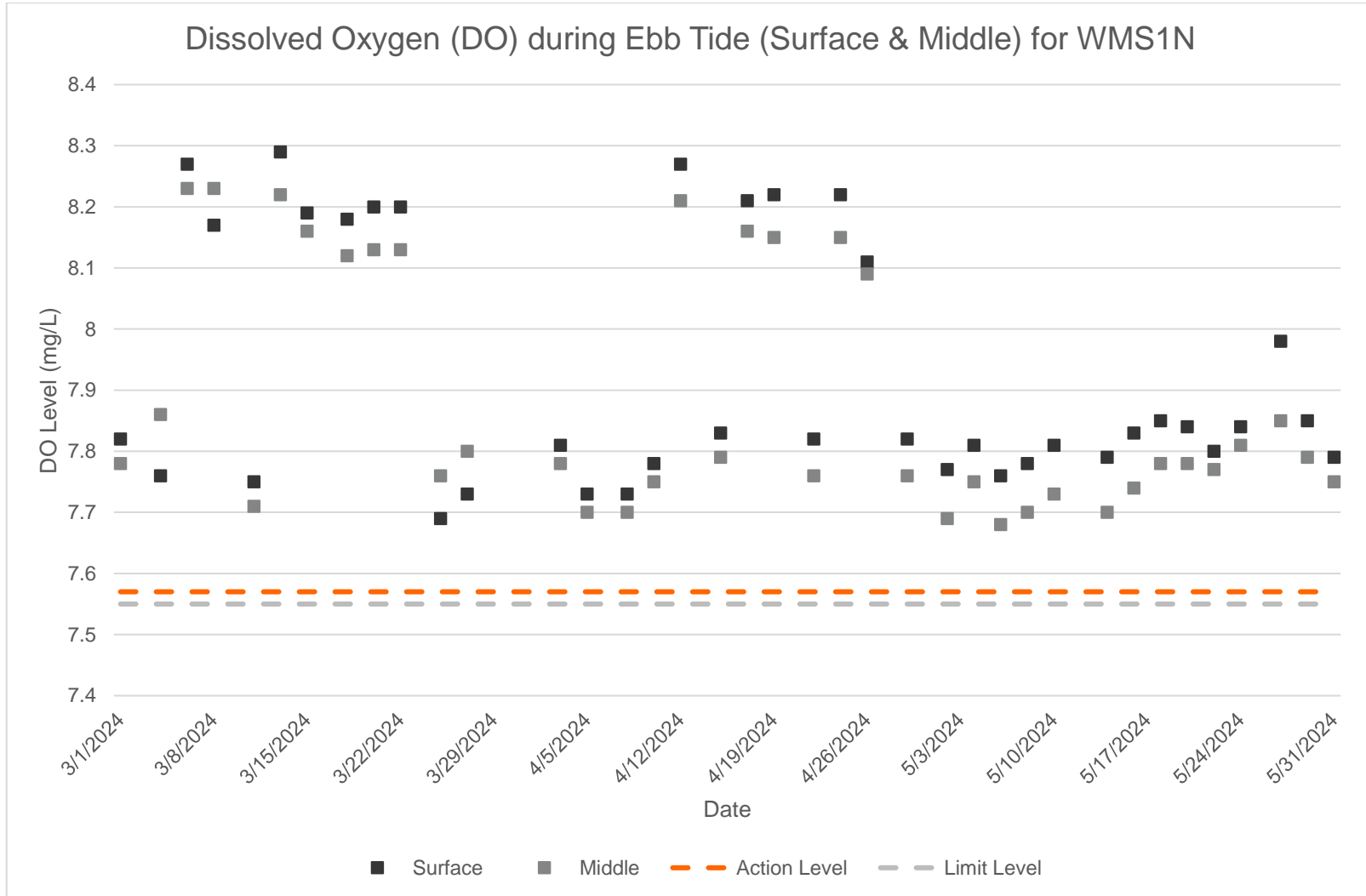
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WMS1N – Dissolved Oxygen (DO) (Ebb Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.82	7.78	7.57	7.55	7.76	7.5	7.45
3/4/2024	7.76	7.86	7.57	7.55	7.9	7.5	7.45
3/6/2024	8.27	8.23	7.57	7.55	8.07	7.5	7.45
3/8/2024	8.17	8.23	7.57	7.55	8.08	7.5	7.45
3/11/2024	7.75	7.71	7.57	7.55	7.69	7.5	7.45
3/13/2024	8.29	8.22	7.57	7.55	8.01	7.5	7.45
3/15/2024	8.19	8.16	7.57	7.55	7.89	7.5	7.45
3/18/2024	8.18	8.12	7.57	7.55	7.88	7.5	7.45
3/20/2024	8.2	8.13	7.57	7.55	8	7.5	7.45
3/22/2024	8.2	8.13	7.57	7.55	7.92	7.5	7.45
3/25/2024	7.69	7.76	7.57	7.55	7.83	7.5	7.45
3/27/2024	7.73	7.8	7.57	7.55	7.87	7.5	7.45
4/3/2024	7.81	7.78	7.57	7.55	7.76	7.5	7.45
4/5/2024	7.73	7.7	7.57	7.55	7.63	7.5	7.45
4/8/2024	7.73	7.7	7.57	7.55	7.66	7.5	7.45
4/10/2024	7.78	7.75	7.57	7.55	7.71	7.5	7.45
4/12/2024	8.27	8.21	7.57	7.55	8.07	7.5	7.45
4/15/2024	7.83	7.79	7.57	7.55	7.71	7.5	7.45
4/17/2024	8.21	8.16	7.57	7.55	8.05	7.5	7.45
4/19/2024	8.22	8.15	7.57	7.55	8.04	7.5	7.45
4/22/2024	7.82	7.76	7.57	7.55	7.71	7.5	7.45
4/24/2024	8.22	8.15	7.57	7.55	8.04	7.5	7.45
4/26/2024	8.11	8.09	7.57	7.55	7.9	7.5	7.45
4/29/2024	7.82	7.76	7.57	7.55	7.71	7.5	7.45
5/2/2024	7.77	7.69	7.57	7.55	7.59	7.5	7.45
5/4/2024	7.81	7.75	7.57	7.55	7.64	7.5	7.45
5/6/2024	7.76	7.68	7.57	7.55	7.59	7.5	7.45
5/8/2024	7.78	7.7	7.57	7.55	7.62	7.5	7.45
5/10/2024	7.81	7.73	7.57	7.55	7.65	7.5	7.45
5/14/2024	7.79	7.7	7.57	7.55	7.62	7.5	7.45
5/16/2024	7.83	7.74	7.57	7.55	7.65	7.5	7.45
5/18/2024	7.85	7.78	7.57	7.55	7.73	7.5	7.45
5/20/2024	7.84	7.78	7.57	7.55	7.73	7.5	7.45
5/22/2024	7.8	7.77	7.57	7.55	7.71	7.5	7.45
5/24/2024	7.84	7.81	7.57	7.55	7.76	7.5	7.45
5/27/2024	7.98	7.85	7.57	7.55	7.67	7.5	7.45
5/29/2024	7.85	7.79	7.57	7.55	7.73	7.5	7.45
5/31/2024	7.79	7.75	7.57	7.55	7.72	7.5	7.45

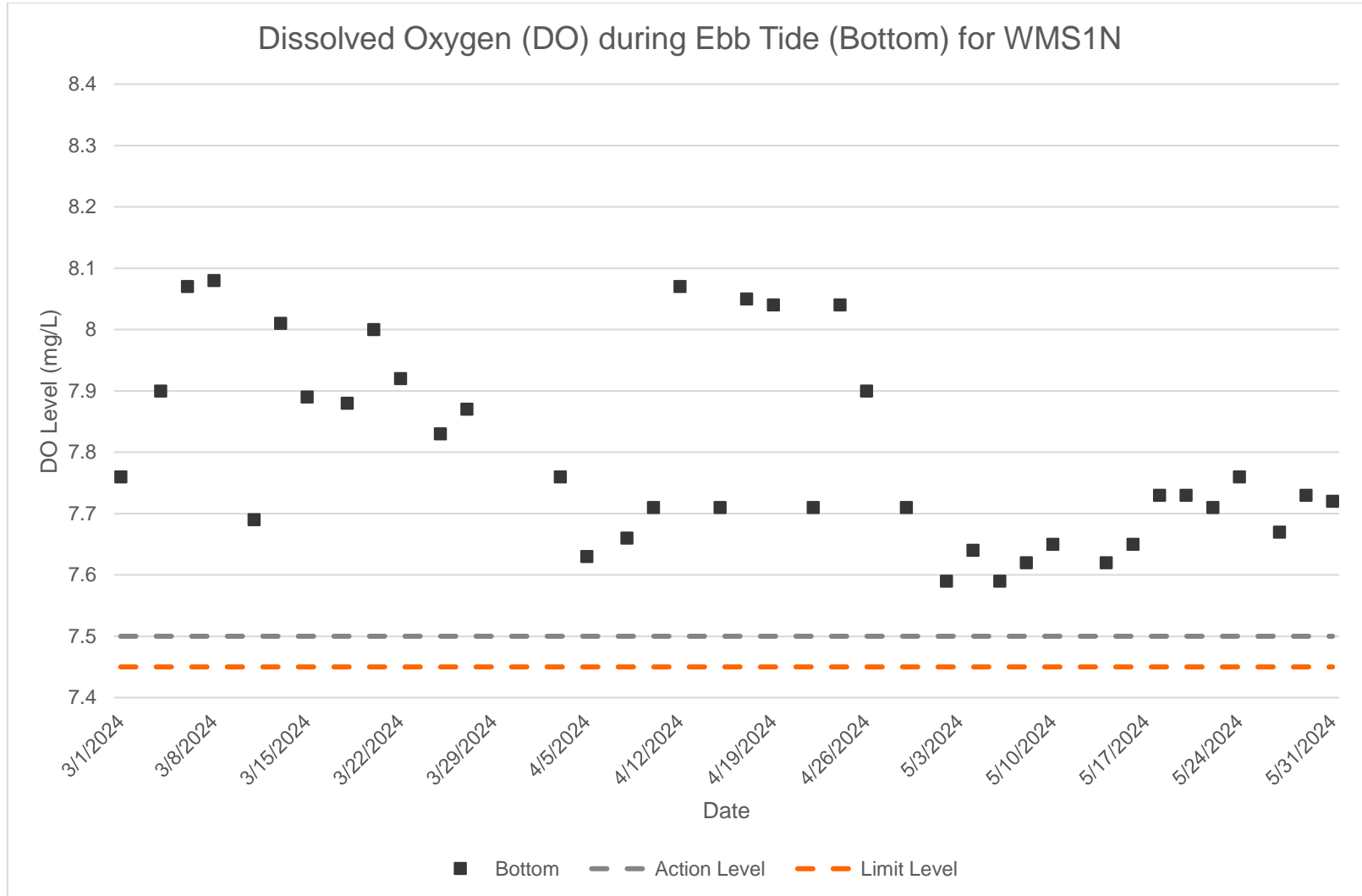



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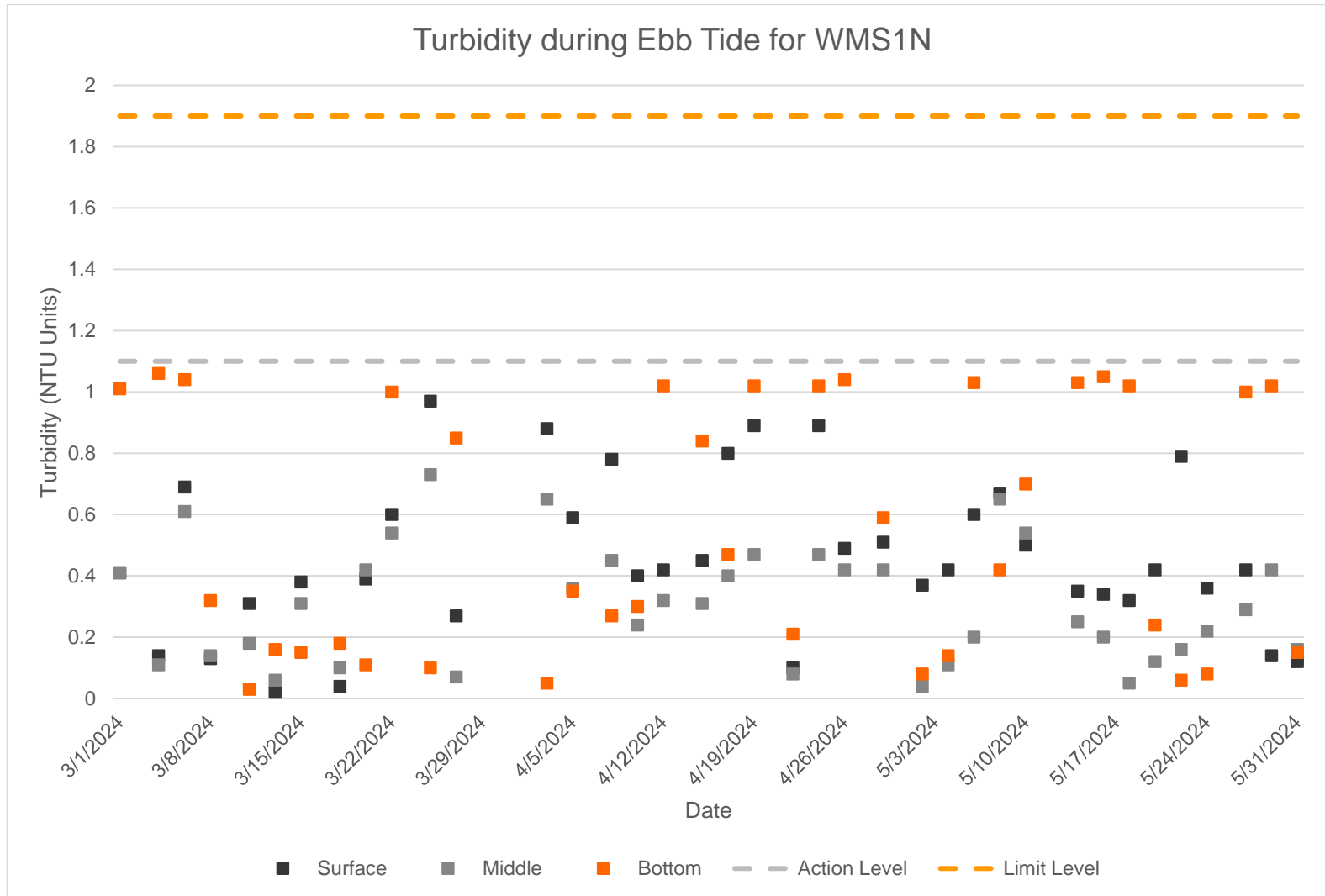
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WMS1N – Turbidity (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.41	0.41	1.01	1.1	1.9
3/4/2024	0.14	0.11	1.06	1.1	1.9
3/6/2024	0.69	0.61	1.04	1.1	1.9
3/8/2024	0.13	0.14	0.32	1.1	1.9
3/11/2024	0.31	0.18	0.03	1.1	1.9
3/13/2024	0.02	0.06	0.16	1.1	1.9
3/15/2024	0.38	0.31	0.15	1.1	1.9
3/18/2024	0.04	0.1	0.18	1.1	1.9
3/20/2024	0.39	0.42	0.11	1.1	1.9
3/22/2024	0.6	0.54	1	1.1	1.9
3/25/2024	0.97	0.73	0.1	1.1	1.9
3/27/2024	0.27	0.07	0.85	1.1	1.9
4/3/2024	0.88	0.65	0.05	1.1	1.9
4/5/2024	0.59	0.36	0.35	1.1	1.9
4/8/2024	0.78	0.45	0.27	1.1	1.9
4/10/2024	0.4	0.24	0.3	1.1	1.9
4/12/2024	0.42	0.32	1.02	1.1	1.9
4/15/2024	0.45	0.31	0.84	1.1	1.9
4/17/2024	0.8	0.4	0.47	1.1	1.9
4/19/2024	0.89	0.47	1.02	1.1	1.9
4/22/2024	0.1	0.08	0.21	1.1	1.9
4/24/2024	0.89	0.47	1.02	1.1	1.9
4/26/2024	0.49	0.42	1.04	1.1	1.9
4/29/2024	0.51	0.42	0.59	1.1	1.9
5/2/2024	0.37	0.04	0.08	1.1	1.9
5/4/2024	0.42	0.11	0.14	1.1	1.9
5/6/2024	0.6	0.2	1.03	1.1	1.9
5/8/2024	0.67	0.65	0.42	1.1	1.9
5/10/2024	0.5	0.54	0.7	1.1	1.9
5/14/2024	0.35	0.25	1.03	1.1	1.9
5/16/2024	0.34	0.2	1.05	1.1	1.9
5/18/2024	0.32	0.05	1.02	1.1	1.9
5/20/2024	0.42	0.12	0.24	1.1	1.9
5/22/2024	0.79	0.16	0.06	1.1	1.9
5/24/2024	0.36	0.22	0.08	1.1	1.9
5/27/2024	0.42	0.29	1	1.1	1.9
5/29/2024	0.14	0.42	1.02	1.1	1.9
5/31/2024	0.12	0.16	0.15	1.1	1.9



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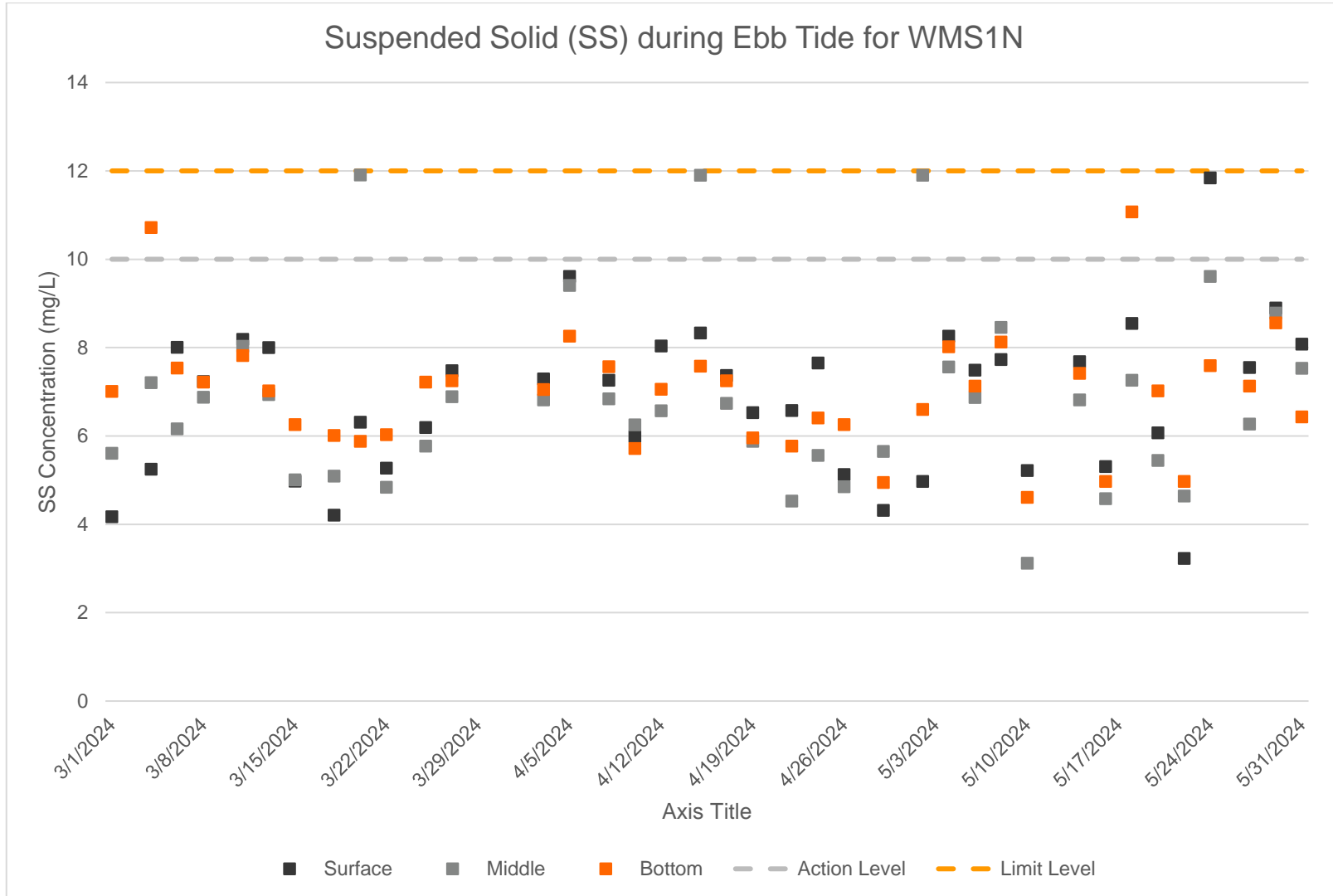
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WMS1N – Suspended Solids (SS) (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	4.17	5.61	7.01	10	12
3/4/2024	5.25	7.21	10.72	10	12
3/6/2024	8.01	6.16	7.54	10	12
3/8/2024	7.23	6.88	7.22	10	12
3/11/2024	8.19	8.03	7.82	10	12
3/13/2024	8	6.94	7.02	10	12
3/15/2024	4.98	5.01	6.26	10	12
3/18/2024	4.21	5.09	6.01	10	12
3/20/2024	6.31	11.91	5.88	10	12
3/22/2024	5.27	4.84	6.03	10	12
3/25/2024	6.19	5.77	7.22	10	12
3/27/2024	7.48	6.89	7.25	10	12
4/3/2024	7.29	6.82	7.05	10	12
4/5/2024	9.61	9.41	8.26	10	12
4/8/2024	7.26	6.84	7.57	10	12
4/10/2024	5.99	6.25	5.72	10	12
4/12/2024	8.04	6.57	7.06	10	12
4/15/2024	8.33	11.9	7.58	10	12
4/17/2024	7.37	6.74	7.25	10	12
4/19/2024	6.53	5.88	5.96	10	12
4/22/2024	6.58	4.53	5.77	10	12
4/24/2024	7.65	5.56	6.41	10	12
4/26/2024	5.13	4.85	6.26	10	12
4/29/2024	4.32	5.65	4.95	10	12
5/2/2024	4.97	11.9	6.6	10	12
5/4/2024	8.26	7.56	8.02	10	12
5/6/2024	7.49	6.87	7.13	10	12
5/8/2024	7.73	8.46	8.13	10	12
5/10/2024	5.22	3.12	4.61	10	12
5/14/2024	7.68	6.82	7.42	10	12
5/16/2024	5.31	4.58	4.97	10	12
5/18/2024	8.55	7.26	11.07	10	12
5/20/2024	6.07	5.45	7.02	10	12
5/22/2024	3.23	4.64	4.97	10	12
5/24/2024	11.84	9.61	7.59	10	12
5/27/2024	7.55	6.27	7.13	10	12
5/29/2024	8.9	8.78	8.56	10	12
5/31/2024	8.08	7.53	6.43	10	12



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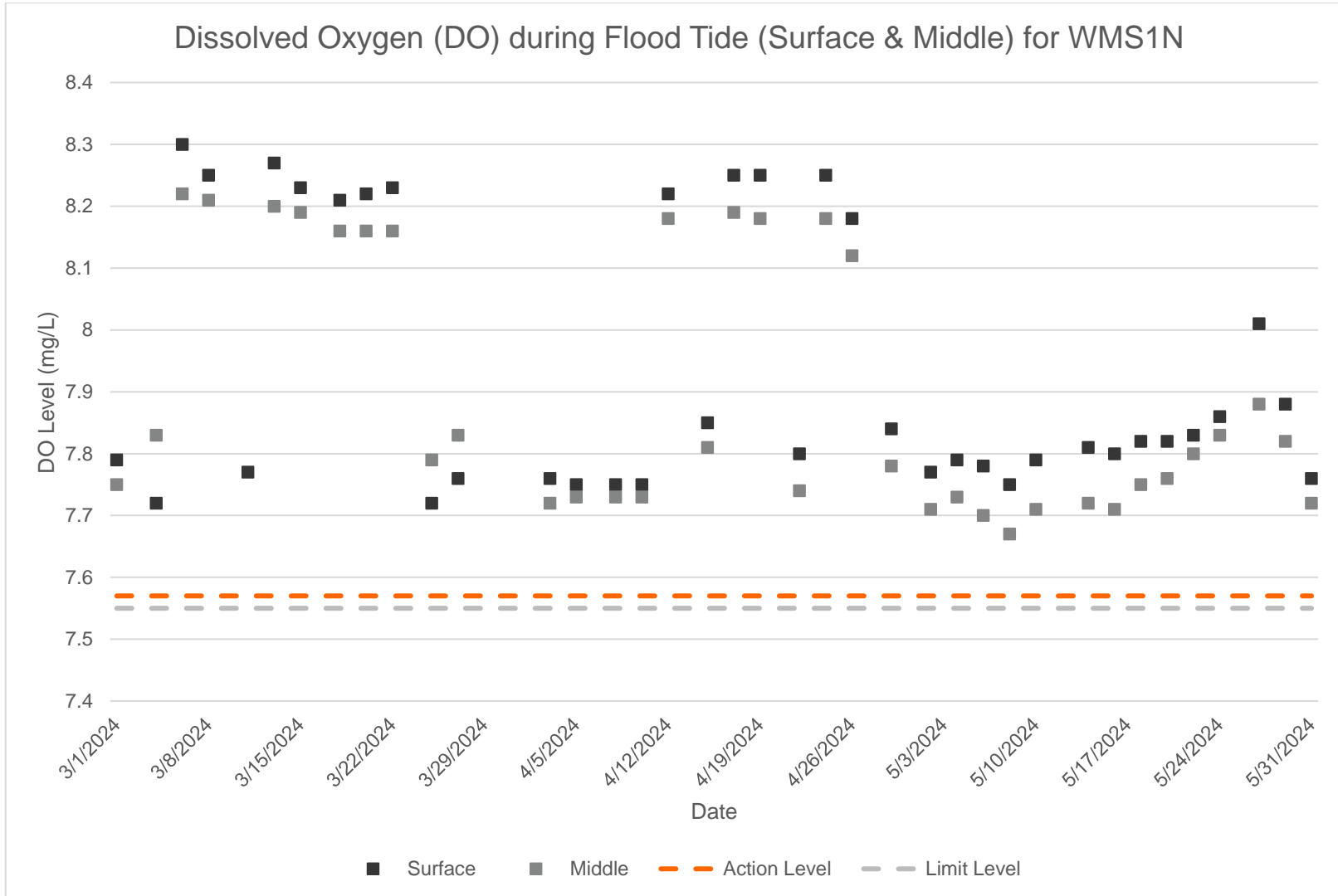
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WMS1N – Dissolved Oxygen (DO) (Flood Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.79	7.75	7.57	7.55	7.72	7.5	7.45
3/4/2024	7.72	7.83	7.57	7.55	7.87	7.5	7.45
3/6/2024	8.3	8.22	7.57	7.55	8.12	7.5	7.45
3/8/2024	8.25	8.21	7.57	7.55	8.07	7.5	7.45
3/11/2024	7.77	-	7.57	7.55	7.71	7.5	7.45
3/13/2024	8.27	8.2	7.57	7.55	7.99	7.5	7.45
3/15/2024	8.23	8.19	7.57	7.55	7.92	7.5	7.45
3/18/2024	8.21	8.16	7.57	7.55	7.95	7.5	7.45
3/20/2024	8.22	8.16	7.57	7.55	8.02	7.5	7.45
3/22/2024	8.23	8.16	7.57	7.55	7.95	7.5	7.45
3/25/2024	7.72	7.79	7.57	7.55	7.86	7.5	7.45
3/27/2024	7.76	7.83	7.57	7.55	7.9	7.5	7.45
4/3/2024	7.76	7.72	7.57	7.55	7.71	7.5	7.45
4/5/2024	7.75	7.73	7.57	7.55	7.66	7.5	7.45
4/8/2024	7.75	7.73	7.57	7.55	7.69	7.5	7.45
4/10/2024	7.75	7.73	7.57	7.55	7.69	7.5	7.45
4/12/2024	8.22	8.18	7.57	7.55	8.07	7.5	7.45
4/15/2024	7.85	7.81	7.57	7.55	7.77	7.5	7.45
4/17/2024	8.25	8.19	7.57	7.55	8.05	7.5	7.45
4/19/2024	8.25	8.18	7.57	7.55	8.08	7.5	7.45
4/22/2024	7.8	7.74	7.57	7.55	7.69	7.5	7.45
4/24/2024	8.25	8.18	7.57	7.55	8.08	7.5	7.45
4/26/2024	8.18	8.12	7.57	7.55	7.96	7.5	7.45
4/29/2024	7.84	7.78	7.57	7.55	7.73	7.5	7.45
5/2/2024	7.77	7.71	7.57	7.55	7.61	7.5	7.45
5/4/2024	7.79	7.73	7.57	7.55	7.62	7.5	7.45
5/6/2024	7.78	7.7	7.57	7.55	7.61	7.5	7.45
5/8/2024	7.75	7.67	7.57	7.55	7.59	7.5	7.45
5/10/2024	7.79	7.71	7.57	7.55	7.63	7.5	7.45
5/14/2024	7.81	7.72	7.57	7.55	7.64	7.5	7.45
5/16/2024	7.8	7.71	7.57	7.55	7.63	7.5	7.45
5/18/2024	7.82	7.75	7.57	7.55	7.7	7.5	7.45
5/20/2024	7.82	7.76	7.57	7.55	7.71	7.5	7.45
5/22/2024	7.83	7.8	7.57	7.55	7.75	7.5	7.45
5/24/2024	7.86	7.83	7.57	7.55	7.77	7.5	7.45
5/27/2024	8.01	7.88	7.57	7.55	7.7	7.5	7.45
5/29/2024	7.88	7.82	7.57	7.55	7.76	7.5	7.45
5/31/2024	7.76	7.72	7.57	7.55	7.69	7.5	7.45



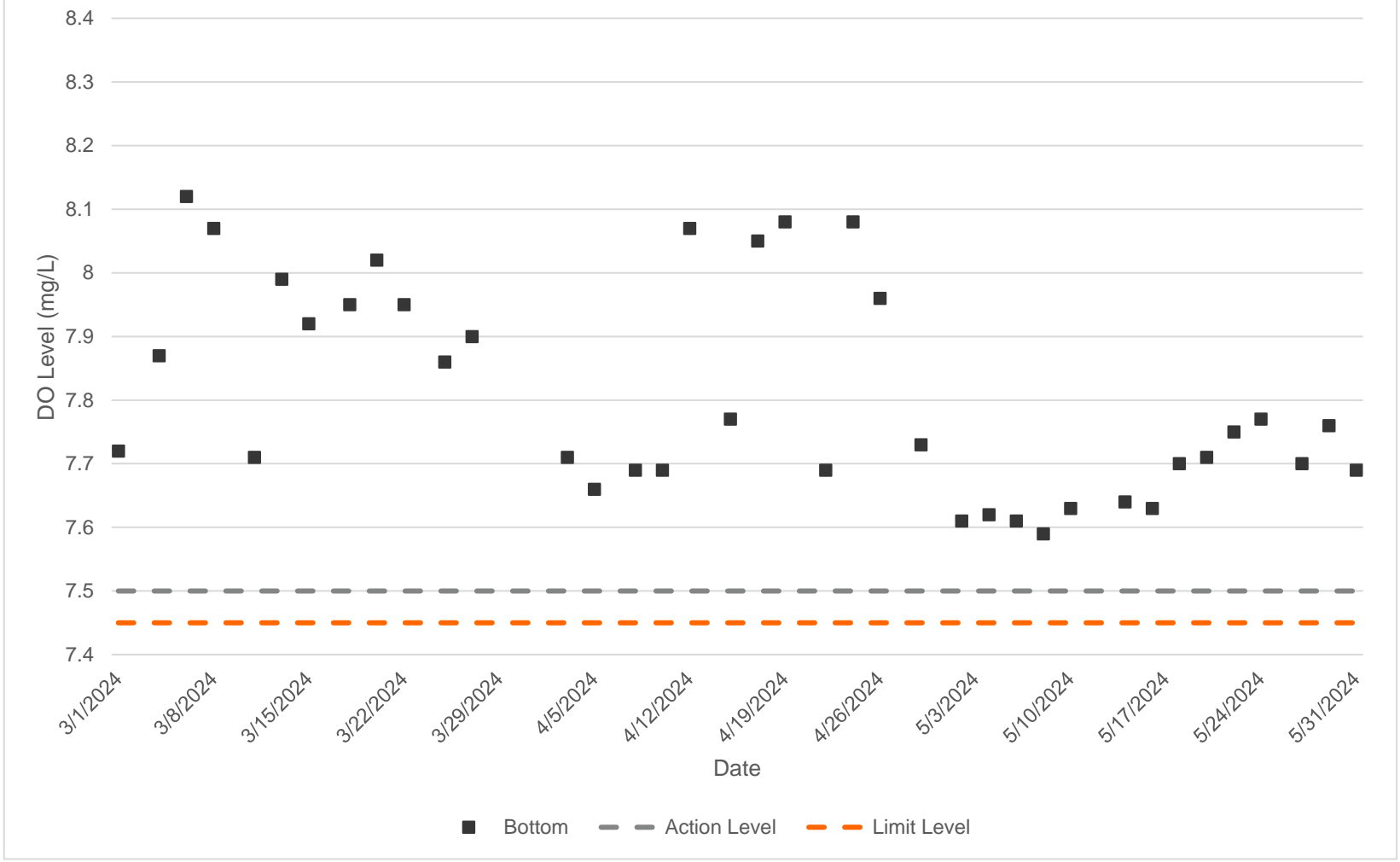
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Dissolved Oxygen (DO) during Flood Tide (Bottom) for WMS1N



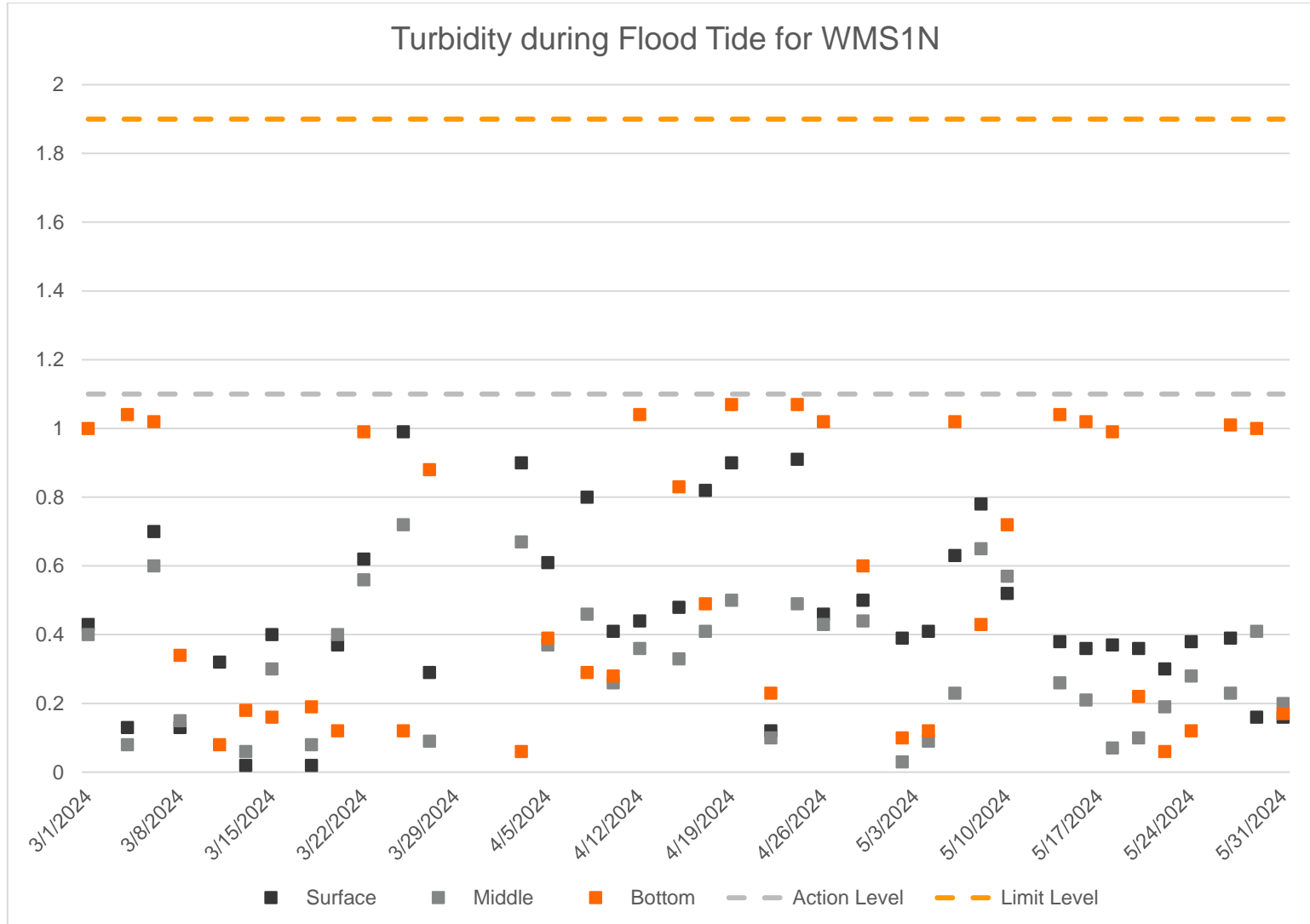
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WMS1N – Turbidity (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.43	0.4	1	1.1	1.9
3/4/2024	0.13	0.08	1.04	1.1	1.9
3/6/2024	0.7	0.6	1.02	1.1	1.9
3/8/2024	0.13	0.15	0.34	1.1	1.9
3/11/2024	0.32	-	0.08	1.1	1.9
3/13/2024	0.02	0.06	0.18	1.1	1.9
3/15/2024	0.4	0.3	0.16	1.1	1.9
3/18/2024	0.02	0.08	0.19	1.1	1.9
3/20/2024	0.37	0.4	0.12	1.1	1.9
3/22/2024	0.62	0.56	0.99	1.1	1.9
3/25/2024	0.99	0.72	0.12	1.1	1.9
3/27/2024	0.29	0.09	0.88	1.1	1.9
4/3/2024	0.9	0.67	0.06	1.1	1.9
4/5/2024	0.61	0.37	0.39	1.1	1.9
4/8/2024	0.8	0.46	0.29	1.1	1.9
4/10/2024	0.41	0.26	0.28	1.1	1.9
4/12/2024	0.44	0.36	1.04	1.1	1.9
4/15/2024	0.48	0.33	0.83	1.1	1.9
4/17/2024	0.82	0.41	0.49	1.1	1.9
4/19/2024	0.9	0.5	1.07	1.1	1.9
4/22/2024	0.12	0.1	0.23	1.1	1.9
4/24/2024	0.91	0.49	1.07	1.1	1.9
4/26/2024	0.46	0.43	1.02	1.1	1.9
4/29/2024	0.5	0.44	0.6	1.1	1.9
5/2/2024	0.39	0.03	0.1	1.1	1.9
5/4/2024	0.41	0.09	0.12	1.1	1.9
5/6/2024	0.63	0.23	1.02	1.1	1.9
5/8/2024	0.78	0.65	0.43	1.1	1.9
5/10/2024	0.52	0.57	0.72	1.1	1.9
5/14/2024	0.38	0.26	1.04	1.1	1.9
5/16/2024	0.36	0.21	1.02	1.1	1.9
5/18/2024	0.37	0.07	0.99	1.1	1.9
5/20/2024	0.36	0.1	0.22	1.1	1.9
5/22/2024	0.3	0.19	0.06	1.1	1.9
5/24/2024	0.38	0.28	0.12	1.1	1.9
5/27/2024	0.39	0.23	1.01	1.1	1.9
5/29/2024	0.16	0.41	1	1.1	1.9
5/31/2024	0.16	0.2	0.17	1.1	1.9



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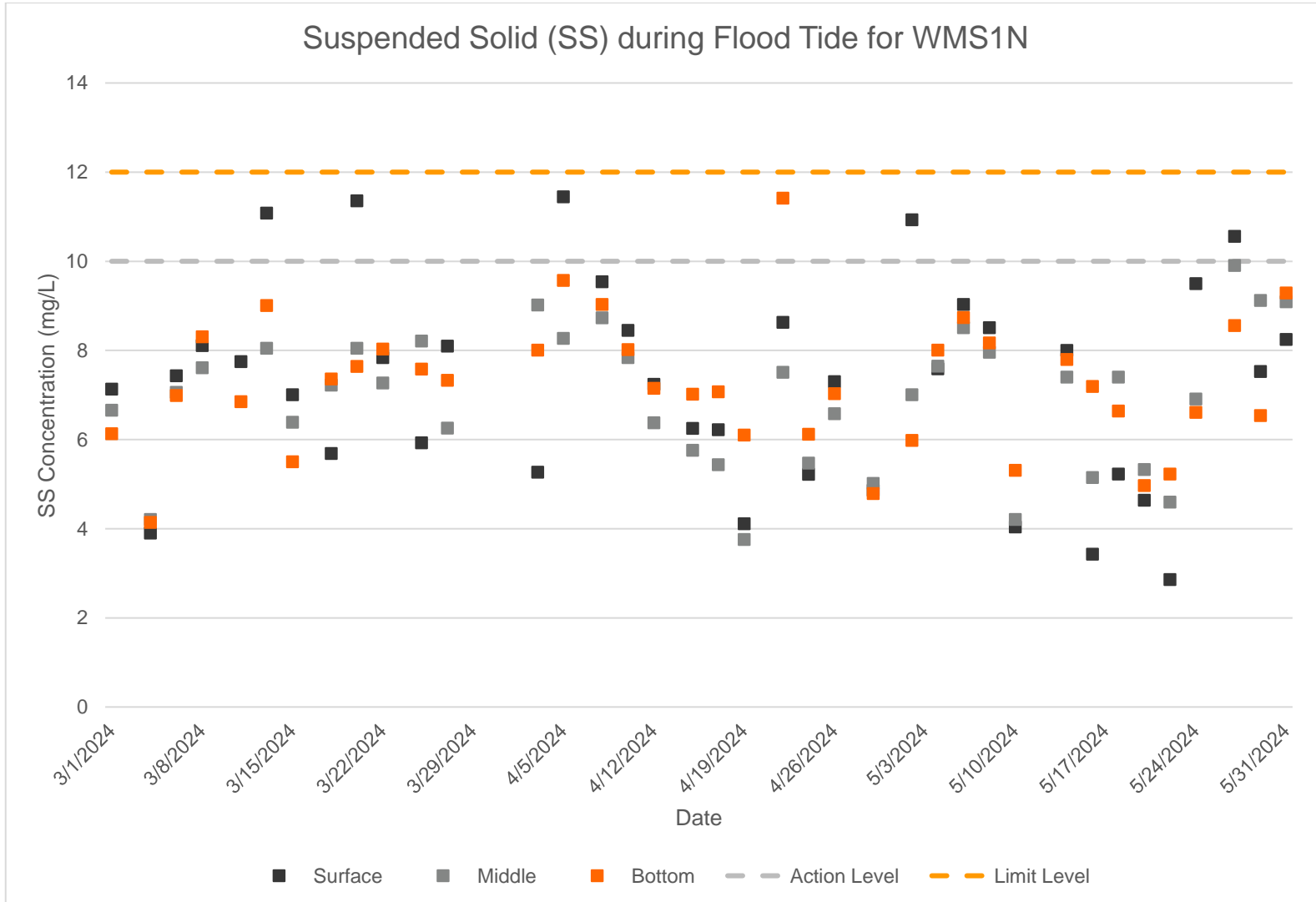
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WMS1N – Suspended Solids (SS) (Flood Tide)

	Surface	Middle	Below	Action Level	Limit Level
3/1/2024	7.13	6.66	6.13	10	12
3/4/2024	3.9	4.21	4.14	10	12
3/6/2024	7.43	7.06	6.99	10	12
3/8/2024	8.11	7.61	8.31	10	12
3/11/2024	7.75	-	6.85	10	12
3/13/2024	11.08	8.05	9.01	10	12
3/15/2024	7.01	6.39	5.5	10	12
3/18/2024	5.69	7.22	7.36	10	12
3/20/2024	11.36	8.05	7.64	10	12
3/22/2024	7.84	7.27	8.03	10	12
3/25/2024	5.93	8.21	7.58	10	12
3/27/2024	8.1	6.26	7.33	10	12
4/3/2024	5.27	9.02	8.01	10	12
4/5/2024	11.45	8.27	9.57	10	12
4/8/2024	9.54	8.73	9.03	10	12
4/10/2024	8.45	7.84	8.02	10	12
4/12/2024	7.24	6.38	7.15	10	12
4/15/2024	6.25	5.76	7.02	10	12
4/17/2024	6.22	5.44	7.07	10	12
4/19/2024	4.11	3.76	6.1	10	12
4/22/2024	8.63	7.51	11.42	10	12
4/24/2024	5.22	5.47	6.12	10	12
4/26/2024	7.3	6.58	7.03	10	12
4/29/2024	4.86	5.02	4.79	10	12
5/2/2024	10.93	7.01	5.98	10	12
5/4/2024	7.59	7.65	8.01	10	12
5/6/2024	9.03	8.51	8.74	10	12
5/8/2024	8.51	7.96	8.17	10	12
5/10/2024	4.04	4.21	5.31	10	12
5/14/2024	8	7.4	7.8	10	12
5/16/2024	3.43	5.15	7.19	10	12
5/18/2024	5.23	7.4	6.64	10	12
5/20/2024	4.64	5.33	4.97	10	12
5/22/2024	2.86	4.6	5.23	10	12
5/24/2024	9.5	6.91	6.61	10	12
5/27/2024	10.56	9.91	8.56	10	12
5/29/2024	7.53	9.12	6.54	10	12
5/31/2024	8.25	9.09	9.29	10	12



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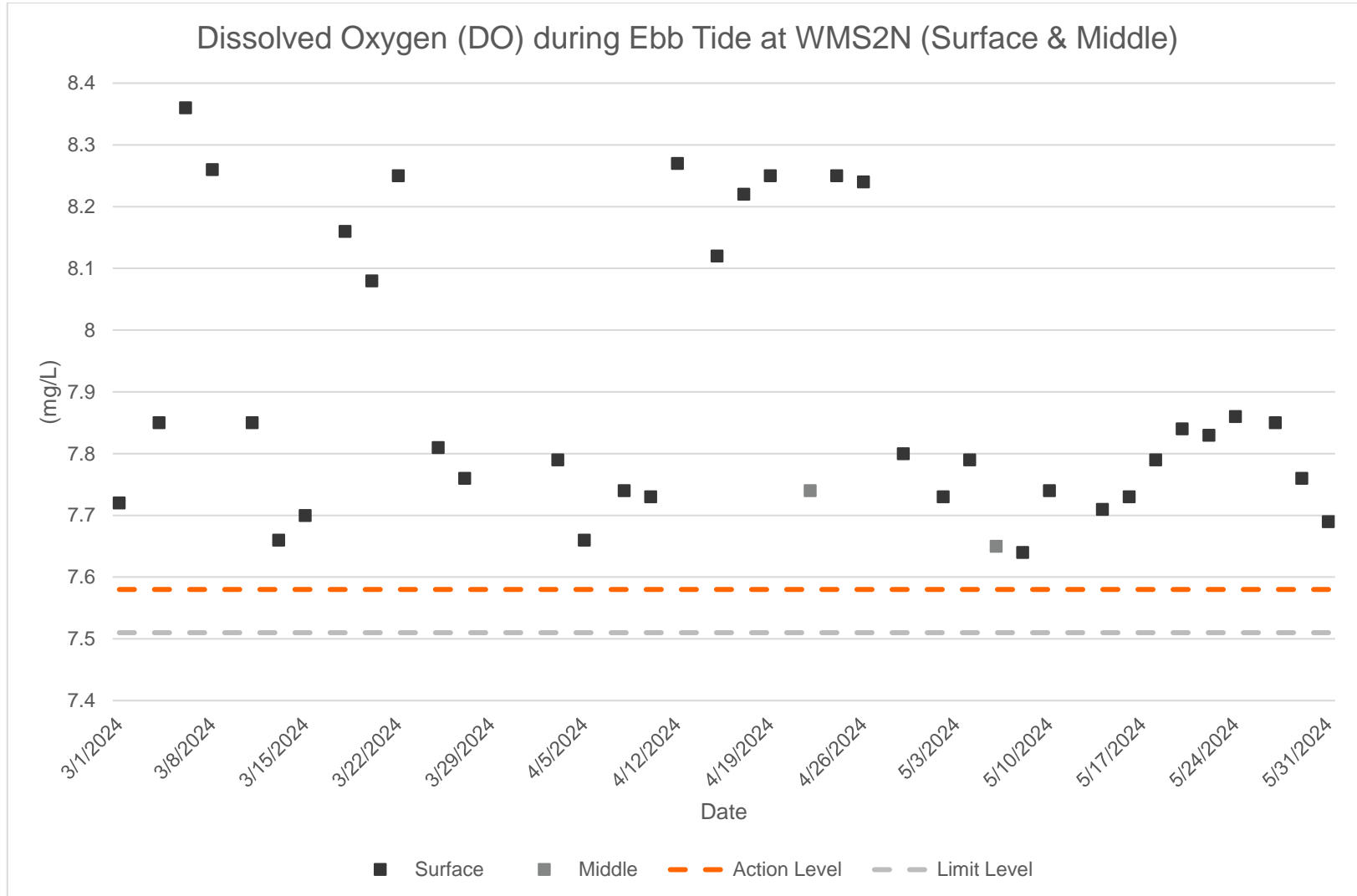
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WMS2N – Dissolved Oxygen (DO) (Ebb Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.72	-	7.58	7.51	7.7	7.49	7.36
3/4/2024	7.85	-	7.58	7.51	7.93	7.49	7.36
3/6/2024	8.36	-	7.58	7.51	8.27	7.49	7.36
3/8/2024	8.26	-	7.58	7.51	8.18	7.49	7.36
3/11/2024	7.85	-	7.58	7.51	7.83	7.49	7.36
3/13/2024	7.66	-	7.58	7.51	7.65	7.49	7.36
3/15/2024	7.7	-	7.58	7.51	7.69	7.49	7.36
3/18/2024	8.16	-	7.58	7.51	8.04	7.49	7.36
3/20/2024	8.08	-	7.58	7.51	8.02	7.49	7.36
3/22/2024	8.25	-	7.58	7.51	8.11	7.49	7.36
3/25/2024	7.81	-	7.58	7.51	7.83	7.49	7.36
3/27/2024	7.76	-	7.58	7.51	7.78	7.49	7.36
4/3/2024	7.79	-	7.58	7.51	7.63	7.49	7.36
4/5/2024	7.66	-	7.58	7.51	7.71	7.49	7.36
4/8/2024	7.74	-	7.58	7.51	7.77	7.49	7.36
4/10/2024	7.73	-	7.58	7.51	7.77	7.49	7.36
4/12/2024	8.27	-	7.58	7.51	8.23	7.49	7.36
4/15/2024	8.12	-	7.58	7.51	8.21	7.49	7.36
4/17/2024	8.22	-	7.58	7.51	8.14	7.49	7.36
4/19/2024	8.25	-	7.58	7.51	8.18	7.49	7.36
4/22/2024	-	7.74	7.58	7.51	-	7.49	7.36
4/24/2024	8.25	-	7.58	7.51	8.18	7.49	7.36
4/26/2024	8.24	-	7.58	7.51	8.2	7.49	7.36
4/29/2024	7.8	-	7.58	7.51	7.72	7.49	7.36
5/2/2024	7.73	-	7.58	7.51	7.67	7.49	7.36
5/4/2024	7.79	-	7.58	7.51	7.74	7.49	7.36
5/6/2024	-	7.65	7.58	7.51	-	7.49	7.36
5/8/2024	7.64	-	7.58	7.51	7.97	7.49	7.36
5/10/2024	7.74	-	7.58	7.51	7.65	7.49	7.36
5/14/2024	7.71	-	7.58	7.51	7.62	7.49	7.36
5/16/2024	7.73	-	7.58	7.51	7.64	7.49	7.36
5/18/2024	7.79	-	7.58	7.51	7.7	7.49	7.36
5/20/2024	7.84	-	7.58	7.51	7.75	7.49	7.36
5/22/2024	7.83	-	7.58	7.51	7.87	7.49	7.36
5/24/2024	7.86	-	7.58	7.51	7.89	7.49	7.36
5/27/2024	7.85	-	7.58	7.51	7.66	7.49	7.36
5/29/2024	7.76	-	7.58	7.51	7.7	7.49	7.36
5/31/2024	7.69	-	7.58	7.51	7.67	7.49	7.36



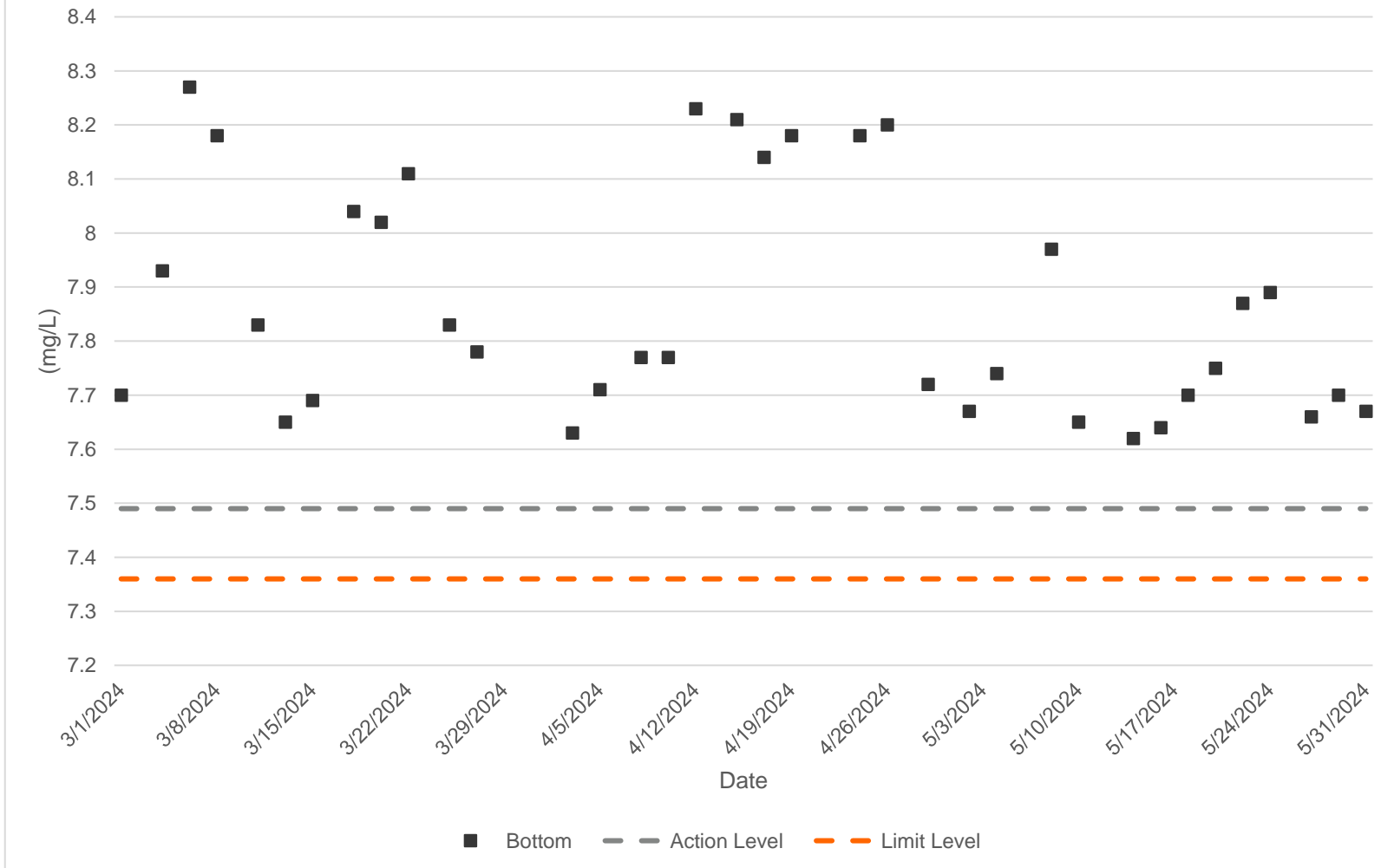
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Dissolved Oxygen (DO) during Ebb Tide at WMS2N (Bottom)



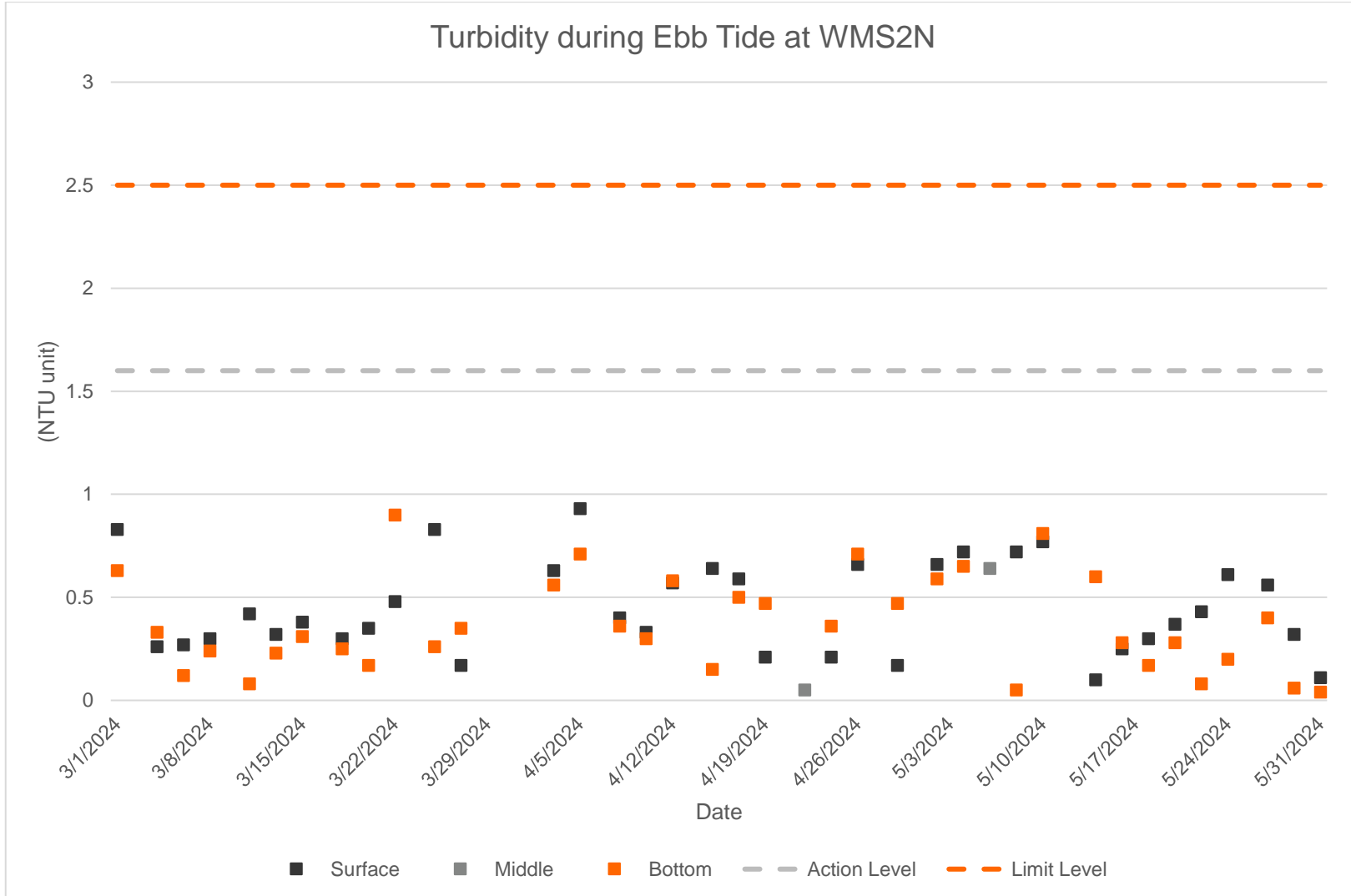
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WMS2N – Turbidity (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.83	-	0.63	1.6	2.5
3/4/2024	0.26	-	0.33	1.6	2.5
3/6/2024	0.27	-	0.12	1.6	2.5
3/8/2024	0.3	-	0.24	1.6	2.5
3/11/2024	0.42	-	0.08	1.6	2.5
3/13/2024	0.32	-	0.23	1.6	2.5
3/15/2024	0.38	-	0.31	1.6	2.5
3/18/2024	0.3	-	0.25	1.6	2.5
3/20/2024	0.35	-	0.17	1.6	2.5
3/22/2024	0.48	-	0.9	1.6	2.5
3/25/2024	0.83	-	0.26	1.6	2.5
3/27/2024	0.17	-	0.35	1.6	2.5
4/3/2024	0.63	-	0.56	1.6	2.5
4/5/2024	0.93	-	0.71	1.6	2.5
4/8/2024	0.4	-	0.36	1.6	2.5
4/10/2024	0.33	-	0.3	1.6	2.5
4/12/2024	0.57	-	0.58	1.6	2.5
4/15/2024	0.64	-	0.15	1.6	2.5
4/17/2024	0.59	-	0.5	1.6	2.5
4/19/2024	0.21	-	0.47	1.6	2.5
4/22/2024	-	0.05	-	1.6	2.5
4/24/2024	0.21	-	0.36	1.6	2.5
4/26/2024	0.66	-	0.71	1.6	2.5
4/29/2024	0.17	-	0.47	1.6	2.5
5/2/2024	0.66	-	0.59	1.6	2.5
5/4/2024	0.72	-	0.65	1.6	2.5
5/6/2024	-	0.64	-	1.6	2.5
5/8/2024	0.72	-	0.05	1.6	2.5
5/10/2024	0.77	-	0.81	1.6	2.5
5/14/2024	0.1	-	0.6	1.6	2.5
5/16/2024	0.25	-	0.28	1.6	2.5
5/18/2024	0.3	-	0.17	1.6	2.5
5/20/2024	0.37	-	0.28	1.6	2.5
5/22/2024	0.43	-	0.08	1.6	2.5
5/24/2024	0.61	-	0.2	1.6	2.5
5/27/2024	0.56	-	0.4	1.6	2.5
5/29/2024	0.32	-	0.06	1.6	2.5
5/31/2024	0.11	-	0.04	1.6	2.5



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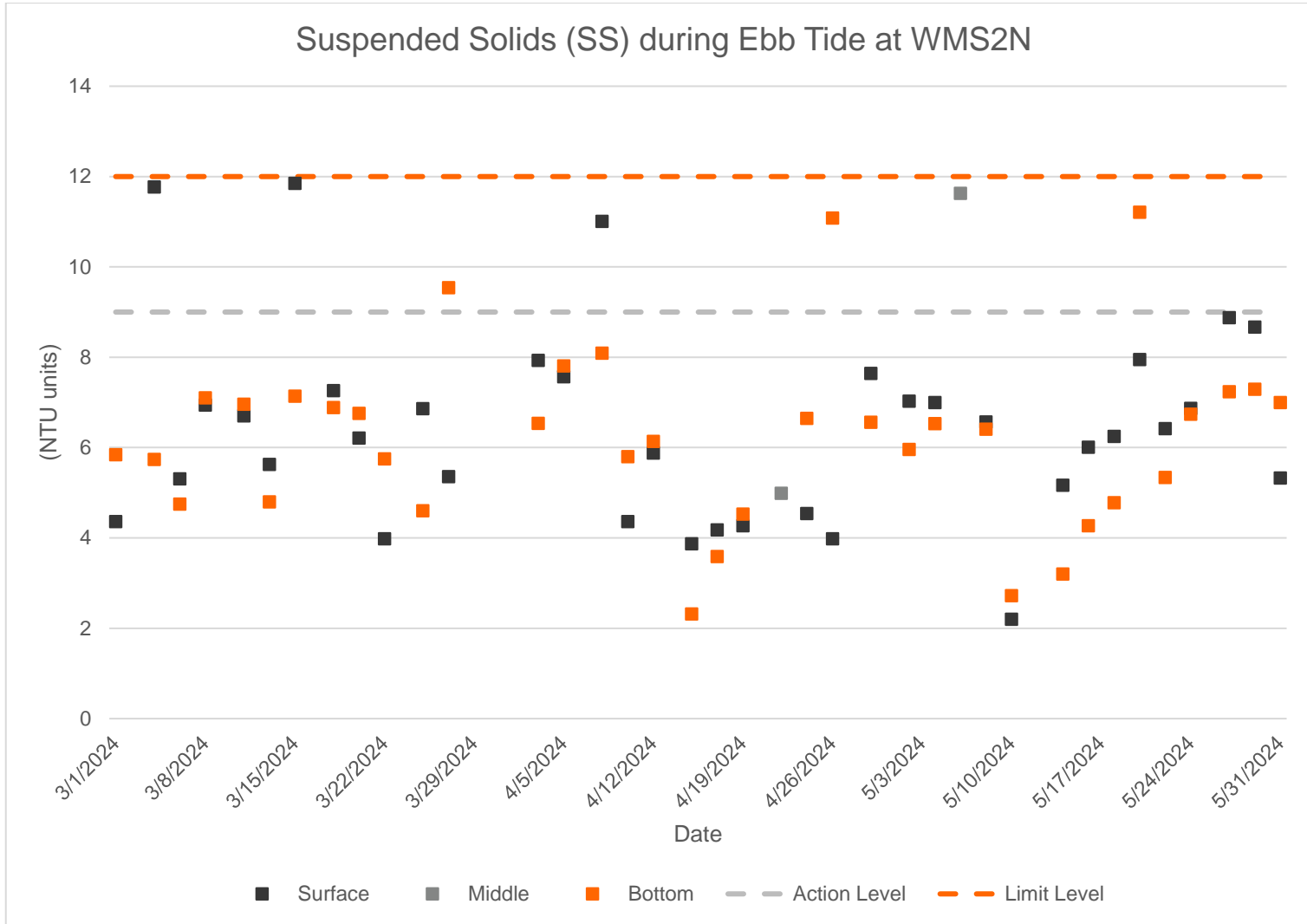
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WMS2N – Suspended Solids (SS) (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	4.36	-	5.84	9	12
3/4/2024	11.77	-	5.74	9	12
3/6/2024	5.31	-	4.75	9	12
3/8/2024	6.94	-	7.1	9	12
3/11/2024	6.7	-	6.96	9	12
3/13/2024	5.63	-	4.8	9	12
3/15/2024	11.85	-	7.14	9	12
3/18/2024	7.26	-	6.89	9	12
3/20/2024	6.21	-	6.76	9	12
3/22/2024	3.98	-	5.75	9	12
3/25/2024	6.86	-	4.6	9	12
3/27/2024	5.36	-	9.54	9	12
4/3/2024	7.93	-	6.54	9	12
4/5/2024	7.57	-	7.81	9	12
4/8/2024	11.01	-	8.09	9	12
4/10/2024	4.36	-	5.8	9	12
4/12/2024	5.88	-	6.14	9	12
4/15/2024	3.87	-	2.32	9	12
4/17/2024	4.18	-	3.59	9	12
4/19/2024	4.27	-	4.53	9	12
4/22/2024	-	4.99	-	9	12
4/24/2024	4.54	-	6.65	9	12
4/26/2024	3.98	-	11.08	9	12
4/29/2024	7.64	-	6.56	9	12
5/2/2024	7.03	-	5.96	9	12
5/4/2024	7	-	6.53	9	12
5/6/2024	-	11.63	-	9	12
5/8/2024	6.57	-	6.41	9	12
5/10/2024	2.2	-	2.72	9	12
5/14/2024	5.17	-	3.2	9	12
5/16/2024	6.01	-	4.27	9	12
5/18/2024	6.25	-	4.78	9	12
5/20/2024	7.95	-	11.21	9	12
5/22/2024	6.42	-	5.34	9	12
5/24/2024	6.87	-	6.74	9	12
5/27/2024	8.88	-	7.24	9	12
5/29/2024	8.67	-	7.29	9	12
5/31/2024	5.33	-	7	9	12



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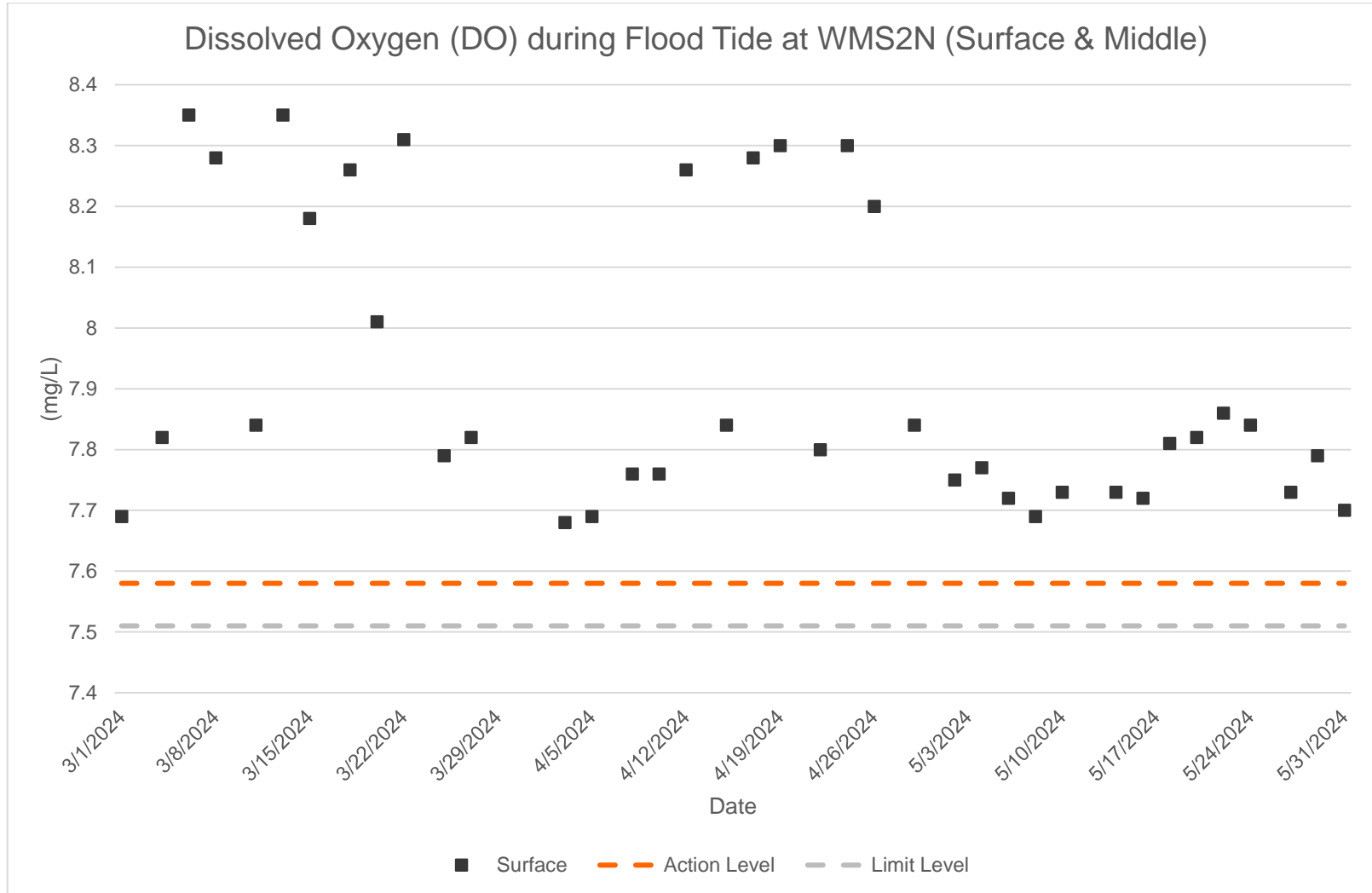
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WMS2N – Dissolved Oxygen (DO) (Flood Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.69	-	7.58	7.51	7.68	7.49	7.36
3/4/2024	7.82	-	7.58	7.51	7.88	7.49	7.36
3/6/2024	8.35	-	7.58	7.51	8.25	7.49	7.36
3/8/2024	8.28	-	7.58	7.51	8.2	7.49	7.36
3/11/2024	7.84	-	7.58	7.51	7.87	7.49	7.36
3/13/2024	8.35	-	7.58	7.51	8.21	7.49	7.36
3/15/2024	8.18	-	7.58	7.51	7.99	7.49	7.36
3/18/2024	8.26	-	7.58	7.51	8.18	7.49	7.36
3/20/2024	8.01	-	7.58	7.51	7.98	7.49	7.36
3/22/2024	8.31	-	7.58	7.51	8.17	7.49	7.36
3/25/2024	7.79	-	7.58	7.51	7.73	7.49	7.36
3/27/2024	7.82	-	7.58	7.51	7.76	7.49	7.36
4/3/2024	7.68	-	7.58	7.51	7.65	7.49	7.36
4/5/2024	7.69	-	7.58	7.51	7.74	7.49	7.36
4/8/2024	7.76	-	7.58	7.51	7.79	7.49	7.36
4/10/2024	7.76	-	7.58	7.51	7.8	7.49	7.36
4/12/2024	8.26	-	7.58	7.51	8.21	7.49	7.36
4/15/2024	7.84	-	7.58	7.51	7.86	7.49	7.36
4/17/2024	8.28	-	7.58	7.51	8.23	7.49	7.36
4/19/2024	8.3	-	7.58	7.51	8.2	7.49	7.36
4/22/2024	7.8	-	7.58	7.51	7.71	7.49	7.36
4/24/2024	8.3	-	7.58	7.51	8.2	7.49	7.36
4/26/2024	8.2	-	7.58	7.51	8.16	7.49	7.36
4/29/2024	7.84	-	7.58	7.51	7.75	7.49	7.36
5/2/2024	7.75	-	7.58	7.51	7.7	7.49	7.36
5/4/2024	7.77	-	7.58	7.51	7.72	7.49	7.36
5/6/2024	7.72	-	7.58	7.51	7.62	7.49	7.36
5/8/2024	7.69	-	7.58	7.51	7.6	7.49	7.36
5/10/2024	7.73	-	7.58	7.51	7.64	7.49	7.36
5/14/2024	7.73	-	7.58	7.51	7.64	7.49	7.36
5/16/2024	7.72	-	7.58	7.51	7.63	7.49	7.36
5/18/2024	7.81	-	7.58	7.51	7.72	7.49	7.36
5/20/2024	7.82	-	7.58	7.51	7.73	7.49	7.36
5/22/2024	7.86	-	7.58	7.51	7.9	7.49	7.36
5/24/2024	7.84	-	7.58	7.51	7.88	7.49	7.36
5/27/2024	7.73	-	7.58	7.51	7.71	7.49	7.36
5/29/2024	7.79	-	7.58	7.51	7.73	7.49	7.36
5/31/2024	7.7	-	7.58	7.51	7.64	7.49	7.36

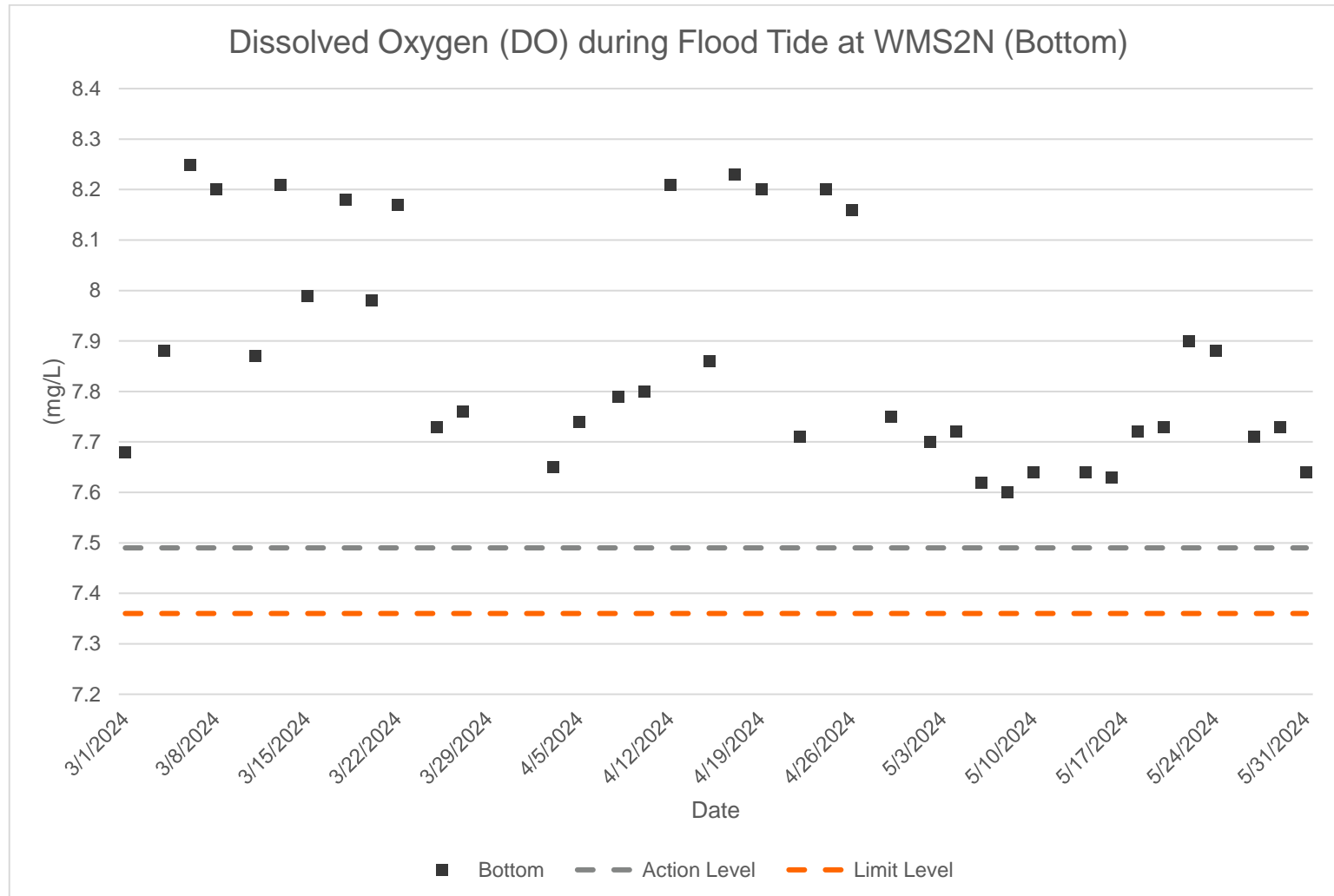



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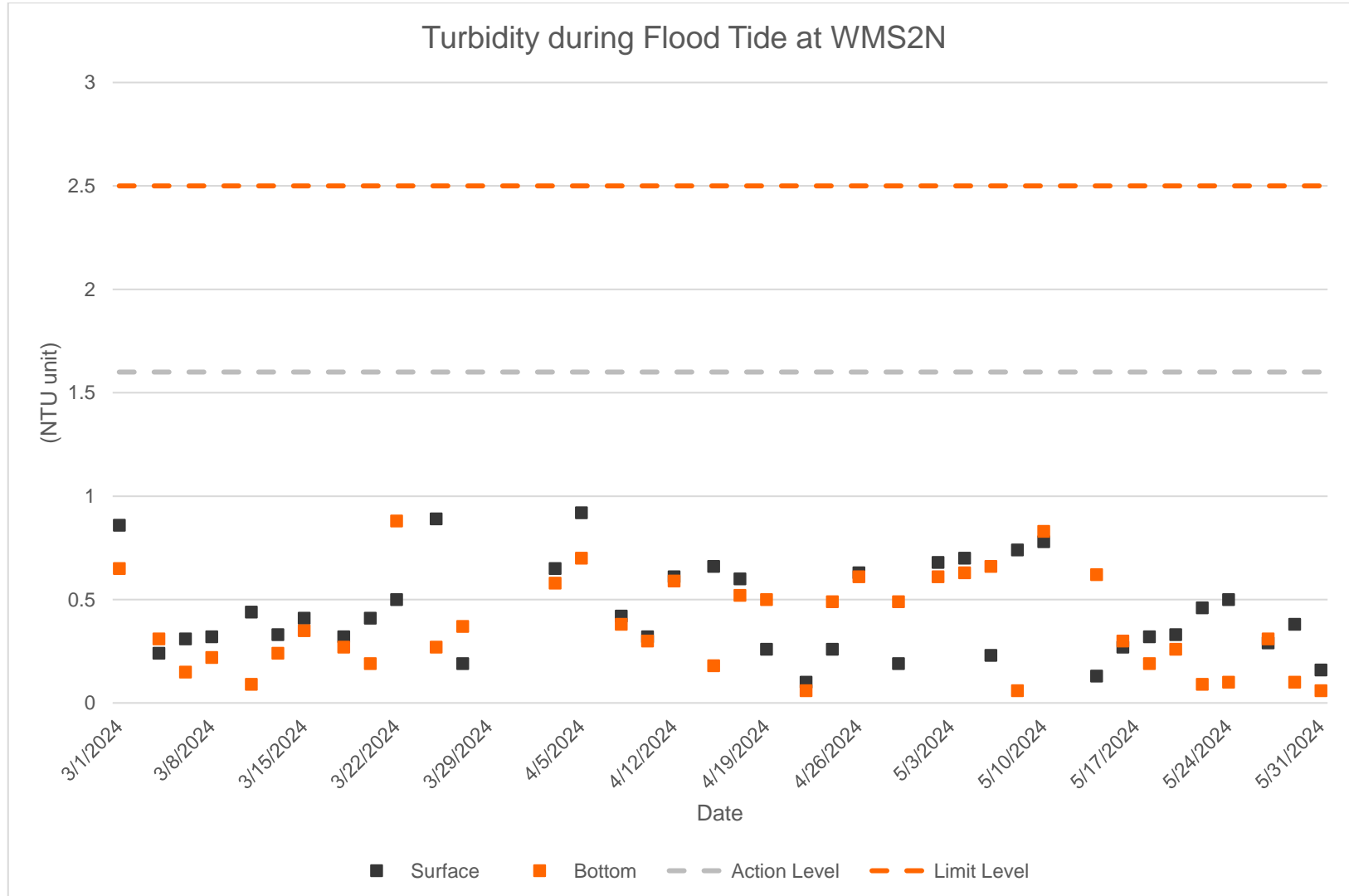
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WMS2N – Turbidity (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.86	-	0.65	1.6	2.5
3/4/2024	0.24	-	0.31	1.6	2.5
3/6/2024	0.31	-	0.15	1.6	2.5
3/8/2024	0.32	-	0.22	1.6	2.5
3/11/2024	0.44	-	0.09	1.6	2.5
3/13/2024	0.33	-	0.24	1.6	2.5
3/15/2024	0.41	-	0.35	1.6	2.5
3/18/2024	0.32	-	0.27	1.6	2.5
3/20/2024	0.41	-	0.19	1.6	2.5
3/22/2024	0.5	-	0.88	1.6	2.5
3/25/2024	0.89	-	0.27	1.6	2.5
3/27/2024	0.19	-	0.37	1.6	2.5
4/3/2024	0.65	-	0.58	1.6	2.5
4/5/2024	0.92	-	0.7	1.6	2.5
4/8/2024	0.42	-	0.38	1.6	2.5
4/10/2024	0.32	-	0.3	1.6	2.5
4/12/2024	0.61	-	0.59	1.6	2.5
4/15/2024	0.66	-	0.18	1.6	2.5
4/17/2024	0.6	-	0.52	1.6	2.5
4/19/2024	0.26	-	0.5	1.6	2.5
4/22/2024	0.1	-	0.06	1.6	2.5
4/24/2024	0.26	-	0.49	1.6	2.5
4/26/2024	0.63	-	0.61	1.6	2.5
4/29/2024	0.19	-	0.49	1.6	2.5
5/2/2024	0.68	-	0.61	1.6	2.5
5/4/2024	0.7	-	0.63	1.6	2.5
5/6/2024	0.23	-	0.66	1.6	2.5
5/8/2024	0.74	-	0.06	1.6	2.5
5/10/2024	0.78	-	0.83	1.6	2.5
5/14/2024	0.13	-	0.62	1.6	2.5
5/16/2024	0.27	-	0.3	1.6	2.5
5/18/2024	0.32	-	0.19	1.6	2.5
5/20/2024	0.33	-	0.26	1.6	2.5
5/22/2024	0.46	-	0.09	1.6	2.5
5/24/2024	0.5	-	0.1	1.6	2.5
5/27/2024	0.29	-	0.31	1.6	2.5
5/29/2024	0.38	-	0.1	1.6	2.5
5/31/2024	0.16	-	0.06	1.6	2.5



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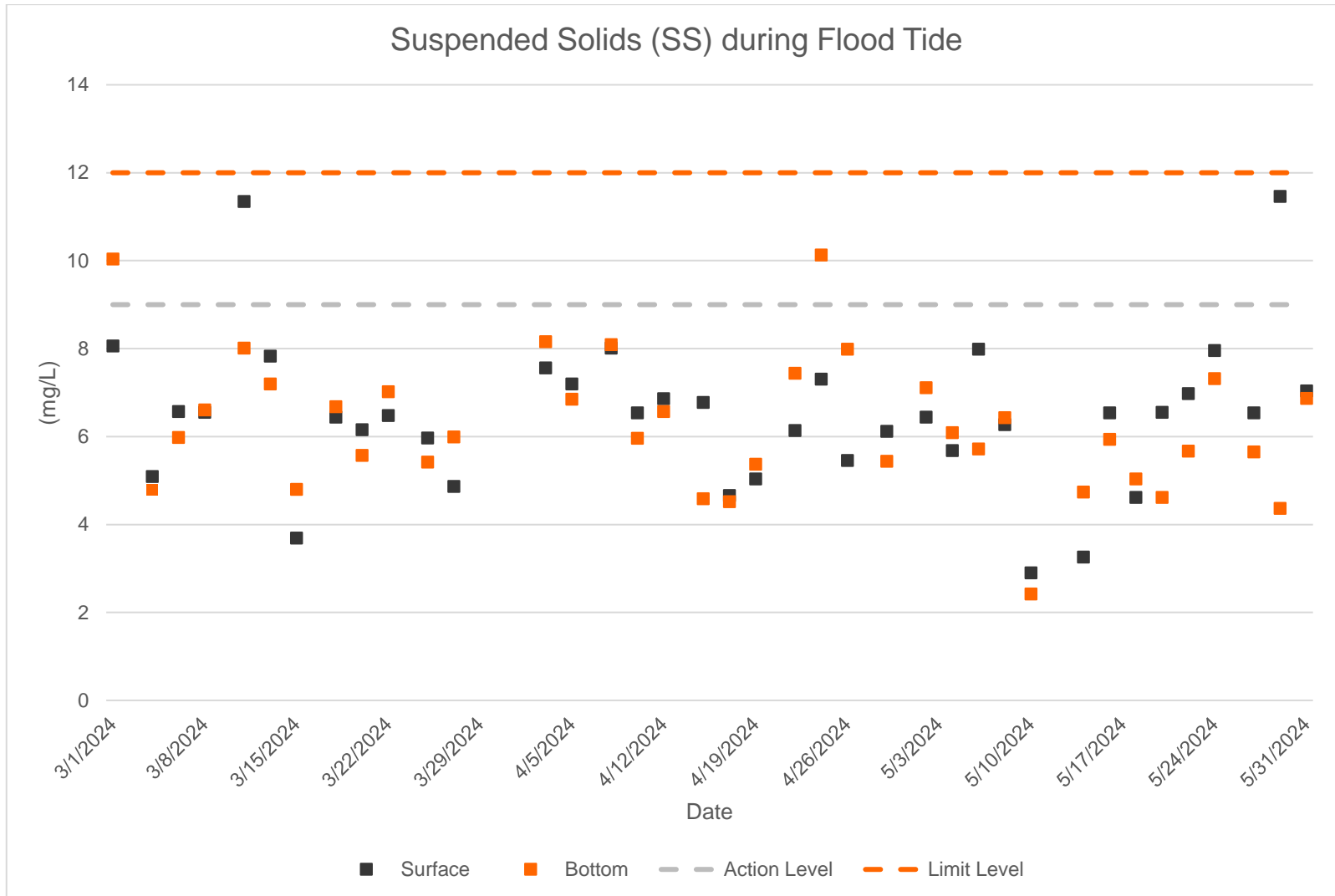
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WMS2N – Suspended Solids (SS) (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	8.06	-	10.04	9	12
3/4/2024	5.09	-	4.79	9	12
3/6/2024	6.57	-	5.98	9	12
3/8/2024	6.55	-	6.61	9	12
3/11/2024	11.35	-	8.01	9	12
3/13/2024	7.83	-	7.2	9	12
3/15/2024	3.69	-	4.8	9	12
3/18/2024	6.44	-	6.68	9	12
3/20/2024	6.16	-	5.57	9	12
3/22/2024	6.48	-	7.02	9	12
3/25/2024	5.97	-	5.42	9	12
3/27/2024	4.87	-	5.99	9	12
4/3/2024	7.56	-	8.16	9	12
4/5/2024	7.2	-	6.85	9	12
4/8/2024	8.01	-	8.09	9	12
4/10/2024	6.54	-	5.96	9	12
4/12/2024	6.86	-	6.57	9	12
4/15/2024	6.78	-	4.59	9	12
4/17/2024	4.66	-	4.52	9	12
4/19/2024	5.04	-	5.37	9	12
4/22/2024	6.14	-	7.44	9	12
4/24/2024	7.31	-	10.13	9	12
4/26/2024	5.46	-	7.99	9	12
4/29/2024	6.12	-	5.44	9	12
5/2/2024	6.44	-	7.11	9	12
5/4/2024	5.68	-	6.09	9	12
5/6/2024	7.99	-	5.72	9	12
5/8/2024	6.27	-	6.43	9	12
5/10/2024	2.9	-	2.42	9	12
5/14/2024	3.26	-	4.74	9	12
5/16/2024	6.54	-	5.94	9	12
5/18/2024	4.62	-	5.04	9	12
5/20/2024	6.55	-	4.62	9	12
5/22/2024	6.98	-	5.67	9	12
5/24/2024	7.96	-	7.32	9	12
5/27/2024	6.54	-	5.65	9	12
5/29/2024	11.46	-	4.37	9	12
5/31/2024	7.04	-	6.87	9	12



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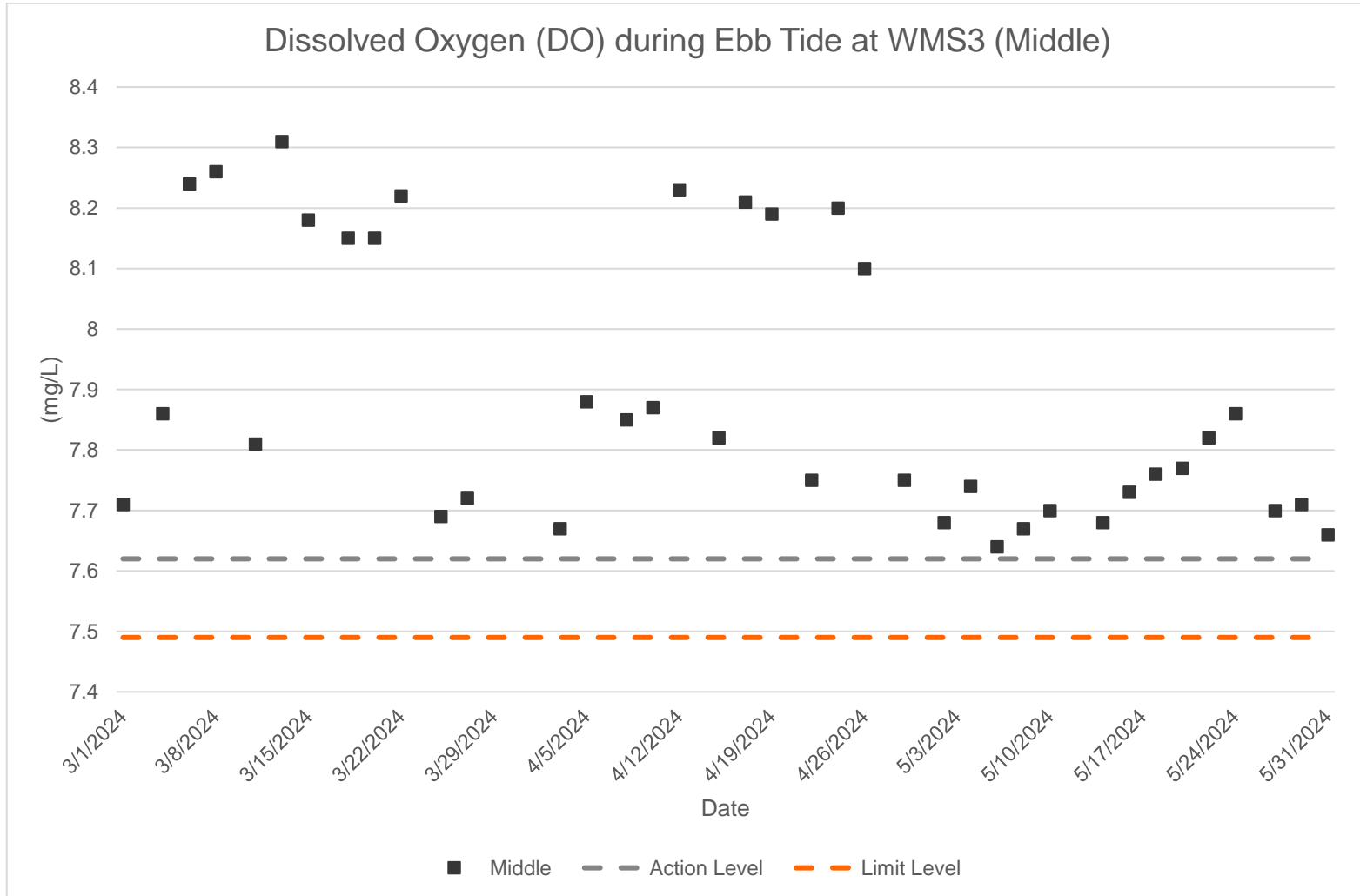
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WMS3 – Dissolved Oxygen (DO) (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	-	7.71	-	7.62	7.49
3/4/2024	-	7.86	-	7.62	7.49
3/6/2024	-	8.24	-	7.62	7.49
3/8/2024	-	8.26	-	7.62	7.49
3/11/2024	-	7.81	-	7.62	7.49
3/13/2024	-	8.31	-	7.62	7.49
3/15/2024	-	8.18	-	7.62	7.49
3/18/2024	-	8.15	-	7.62	7.49
3/20/2024	-	8.15	-	7.62	7.49
3/22/2024	-	8.22	-	7.62	7.49
3/25/2024	-	7.69	-	7.62	7.49
3/27/2024	-	7.72	-	7.62	7.49
4/3/2024	-	7.67	-	7.62	7.49
4/5/2024	-	7.88	-	7.62	7.49
4/8/2024	-	7.85	-	7.62	7.49
4/10/2024	-	7.87	-	7.62	7.49
4/12/2024	-	8.23	-	7.62	7.49
4/15/2024	-	7.82	-	7.62	7.49
4/17/2024	-	8.21	-	7.62	7.49
4/19/2024	-	8.19	-	7.62	7.49
4/22/2024	-	7.75	-	7.62	7.49
4/24/2024	-	8.2	-	7.62	7.49
4/26/2024	-	8.1	-	7.62	7.49
4/29/2024	-	7.75	-	7.62	7.49
5/2/2024	-	7.68	-	7.62	7.49
5/4/2024	-	7.74	-	7.62	7.49
5/6/2024	-	7.64	-	7.62	7.49
5/8/2024	-	7.67	-	7.62	7.49
5/10/2024	-	7.7	-	7.62	7.49
5/14/2024	-	7.68	-	7.62	7.49
5/16/2024	-	7.73	-	7.62	7.49
5/18/2024	-	7.76	-	7.62	7.49
5/20/2024	-	7.77	-	7.62	7.49
5/22/2024	-	7.82	-	7.62	7.49
5/24/2024	-	7.86	-	7.62	7.49
5/27/2024	-	7.7	-	7.62	7.49
5/29/2024	-	7.71	-	7.62	7.49
5/31/2024	-	7.66	-	7.62	7.49



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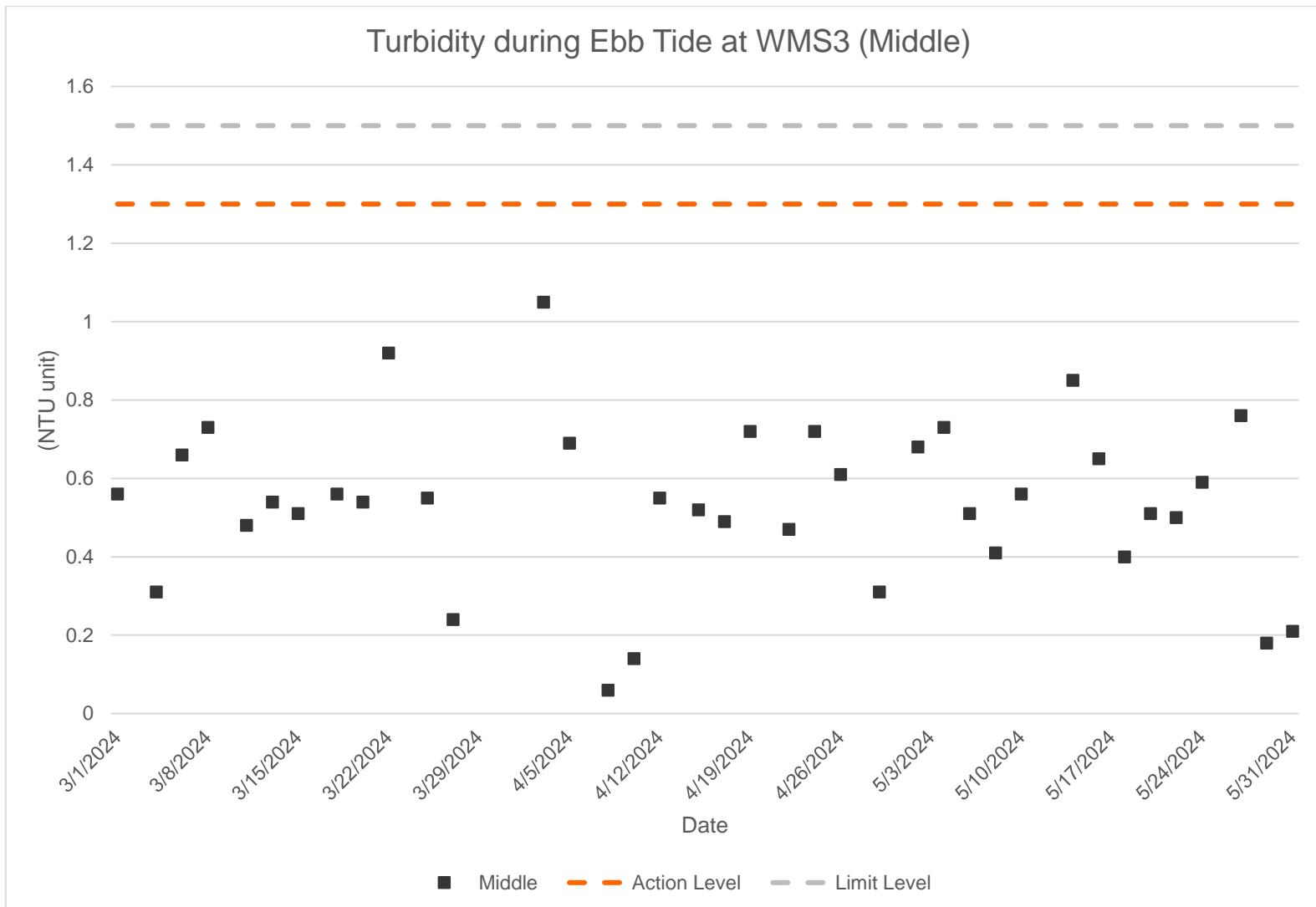
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WMS3 – Turbidity (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	-	0.56	-	1.3	1.5
3/4/2024	-	0.31	-	1.3	1.5
3/6/2024	-	0.66	-	1.3	1.5
3/8/2024	-	0.73	-	1.3	1.5
3/11/2024	-	0.48	-	1.3	1.5
3/13/2024	-	0.54	-	1.3	1.5
3/15/2024	-	0.51	-	1.3	1.5
3/18/2024	-	0.56	-	1.3	1.5
3/20/2024	-	0.54	-	1.3	1.5
3/22/2024	-	0.92	-	1.3	1.5
3/25/2024	-	0.55	-	1.3	1.5
3/27/2024	-	0.24	-	1.3	1.5
4/3/2024	-	1.05	-	1.3	1.5
4/5/2024	-	0.69	-	1.3	1.5
4/8/2024	-	0.06	-	1.3	1.5
4/10/2024	-	0.14	-	1.3	1.5
4/12/2024	-	0.55	-	1.3	1.5
4/15/2024	-	0.52	-	1.3	1.5
4/17/2024	-	0.49	-	1.3	1.5
4/19/2024	-	0.72	-	1.3	1.5
4/22/2024	-	0.47	-	1.3	1.5
4/24/2024	-	0.72	-	1.3	1.5
4/26/2024	-	0.61	-	1.3	1.5
4/29/2024	-	0.31	-	1.3	1.5
5/2/2024	-	0.68	-	1.3	1.5
5/4/2024	-	0.73	-	1.3	1.5
5/6/2024	-	0.51	-	1.3	1.5
5/8/2024	-	0.41	-	1.3	1.5
5/10/2024	-	0.56	-	1.3	1.5
5/14/2024	-	0.85	-	1.3	1.5
5/16/2024	-	0.65	-	1.3	1.5
5/18/2024	-	0.4	-	1.3	1.5
5/20/2024	-	0.51	-	1.3	1.5
5/22/2024	-	0.5	-	1.3	1.5
5/24/2024	-	0.59	-	1.3	1.5
5/27/2024	-	0.76	-	1.3	1.5
5/29/2024	-	0.18	-	1.3	1.5
5/31/2024	-	0.21	-	1.3	1.5



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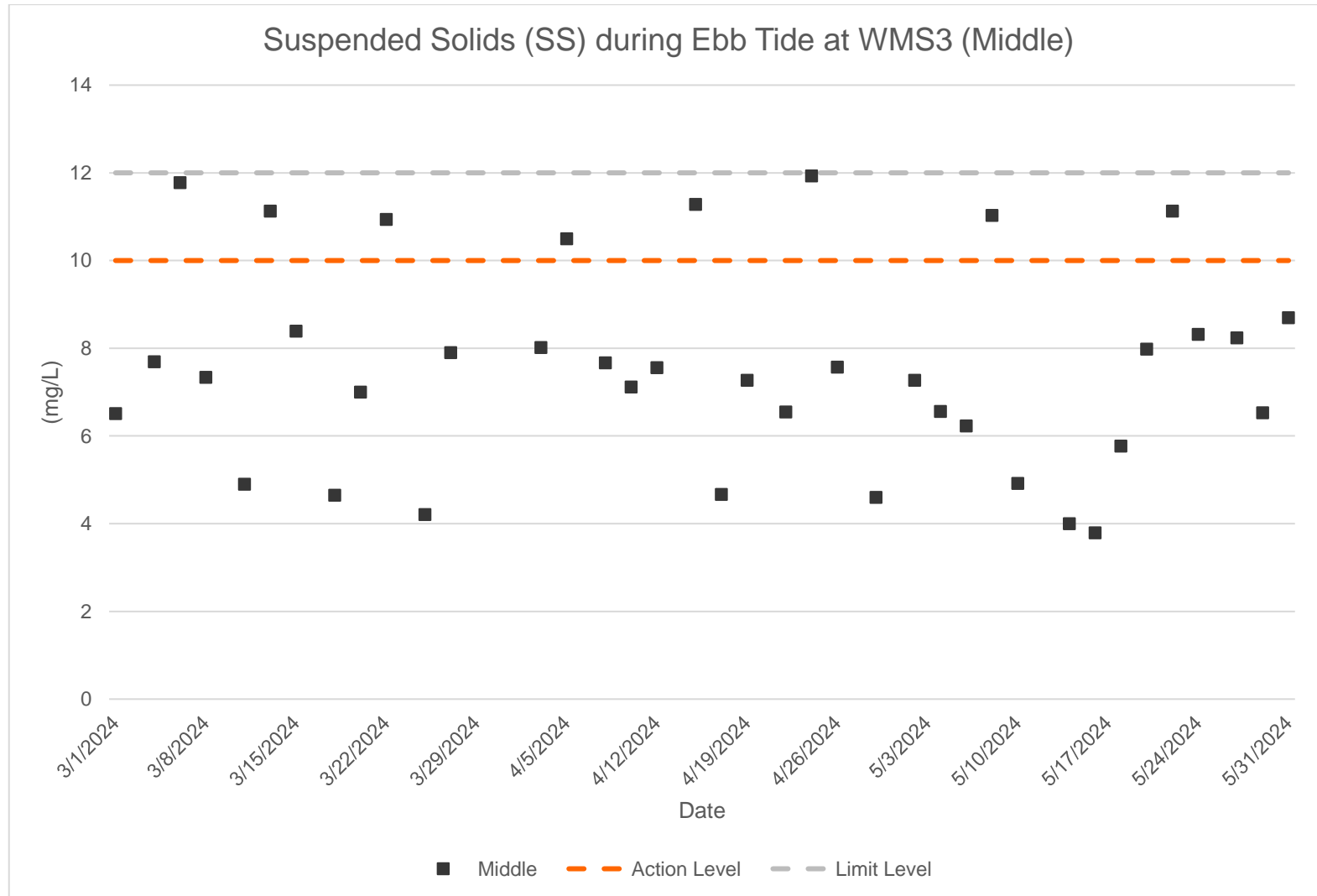
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WMS3 – Suspended Solids (SS) (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	-	6.51	-	10	12
3/4/2024	-	7.69	-	10	12
3/6/2024	-	11.78	-	10	12
3/8/2024	-	7.34	-	10	12
3/11/2024	-	4.9	-	10	12
3/13/2024	-	11.13	-	10	12
3/15/2024	-	8.39	-	10	12
3/18/2024	-	4.65	-	10	12
3/20/2024	-	7	-	10	12
3/22/2024	-	10.94	-	10	12
3/25/2024	-	4.21	-	10	12
3/27/2024	-	7.9	-	10	12
4/3/2024	-	8.02	-	10	12
4/5/2024	-	10.5	-	10	12
4/8/2024	-	7.67	-	10	12
4/10/2024	-	7.12	-	10	12
4/12/2024	-	7.56	-	10	12
4/15/2024	-	11.28	-	10	12
4/17/2024	-	4.67	-	10	12
4/19/2024	-	7.27	-	10	12
4/22/2024	-	6.55	-	10	12
4/24/2024	-	11.93	-	10	12
4/26/2024	-	7.57	-	10	12
4/29/2024	-	4.6	-	10	12
5/2/2024	-	7.27	-	10	12
5/4/2024	-	6.56	-	10	12
5/6/2024	-	6.23	-	10	12
5/8/2024	-	11.03	-	10	12
5/10/2024	-	4.92	-	10	12
5/14/2024	-	4	-	10	12
5/16/2024	-	3.79	-	10	12
5/18/2024	-	5.77	-	10	12
5/20/2024	-	7.98	-	10	12
5/22/2024	-	11.13	-	10	12
5/24/2024	-	8.32	-	10	12
5/27/2024	-	8.24	-	10	12
5/29/2024	-	6.53	-	10	12
5/31/2024	-	8.7	-	10	12



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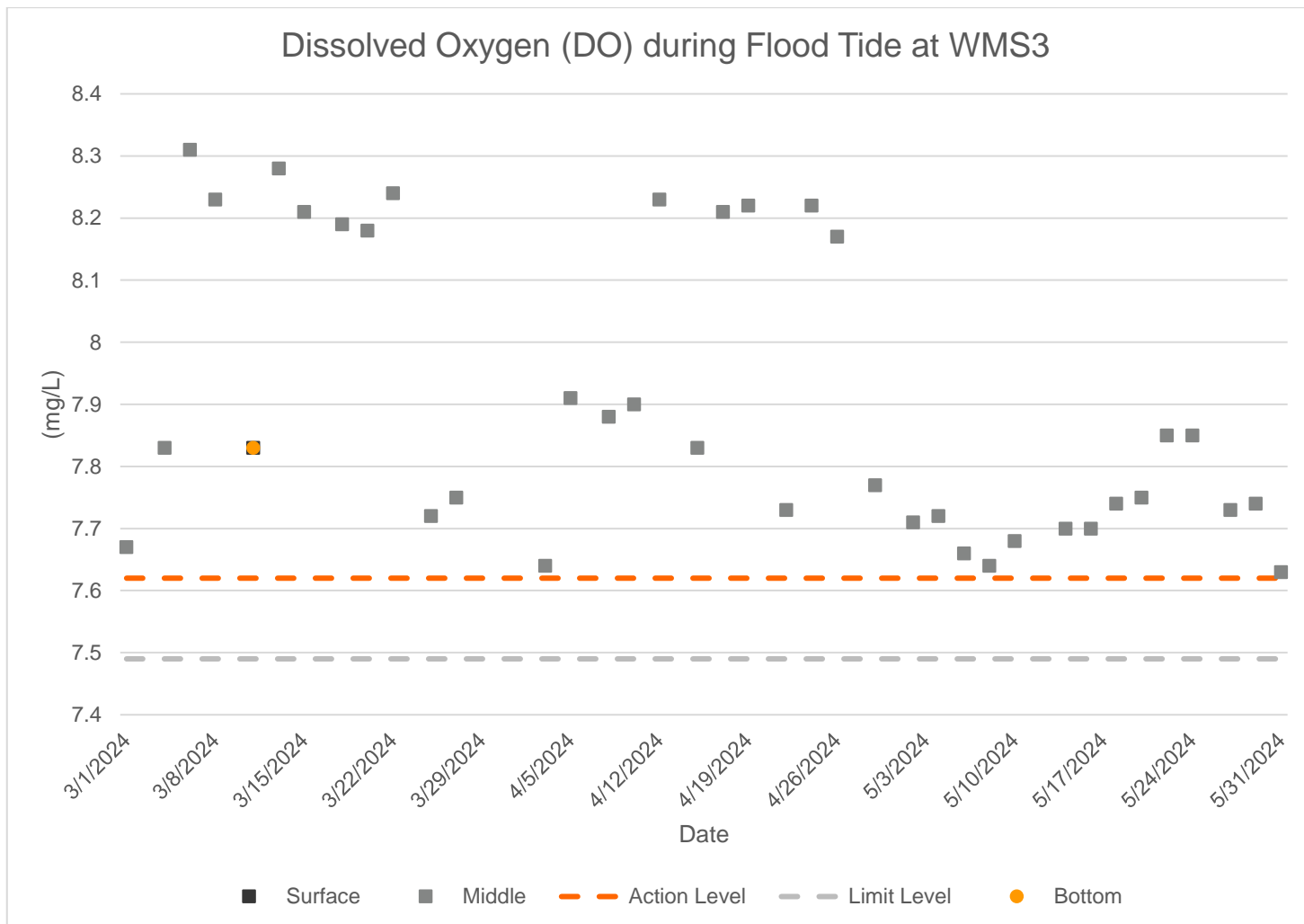
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WMS3 – Dissolved Oxygen (DO) (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	-	7.67	-	7.62	7.49
3/4/2024	-	7.83	-	7.62	7.49
3/6/2024	-	8.31	-	7.62	7.49
3/8/2024	-	8.23	-	7.62	7.49
3/11/2024	7.83	-	7.83	7.62	7.49
3/13/2024	-	8.28	-	7.62	7.49
3/15/2024	-	8.21	-	7.62	7.49
3/18/2024	-	8.19	-	7.62	7.49
3/20/2024	-	8.18	-	7.62	7.49
3/22/2024	-	8.24	-	7.62	7.49
3/25/2024	-	7.72	-	7.62	7.49
3/27/2024	-	7.75	-	7.62	7.49
4/3/2024	-	7.64	-	7.62	7.49
4/5/2024	-	7.91	-	7.62	7.49
4/8/2024	-	7.88	-	7.62	7.49
4/10/2024	-	7.9	-	7.62	7.49
4/12/2024	-	8.23	-	7.62	7.49
4/15/2024	-	7.83	-	7.62	7.49
4/17/2024	-	8.21	-	7.62	7.49
4/19/2024	-	8.22	-	7.62	7.49
4/22/2024	-	7.73	-	7.62	7.49
4/24/2024	-	8.22	-	7.62	7.49
4/26/2024	-	8.17	-	7.62	7.49
4/29/2024	-	7.77	-	7.62	7.49
5/2/2024	-	7.71	-	7.62	7.49
5/4/2024	-	7.72	-	7.62	7.49
5/6/2024	-	7.66	-	7.62	7.49
5/8/2024	-	7.64	-	7.62	7.49
5/10/2024	-	7.68	-	7.62	7.49
5/14/2024	-	7.7	-	7.62	7.49
5/16/2024	-	7.7	-	7.62	7.49
5/18/2024	-	7.74	-	7.62	7.49
5/20/2024	-	7.75	-	7.62	7.49
5/22/2024	-	7.85	-	7.62	7.49
5/24/2024	-	7.85	-	7.62	7.49
5/27/2024	-	7.73	-	7.62	7.49
5/29/2024	-	7.74	-	7.62	7.49
5/31/2024	-	7.63	-	7.62	7.49



Quarterly EM&A Report



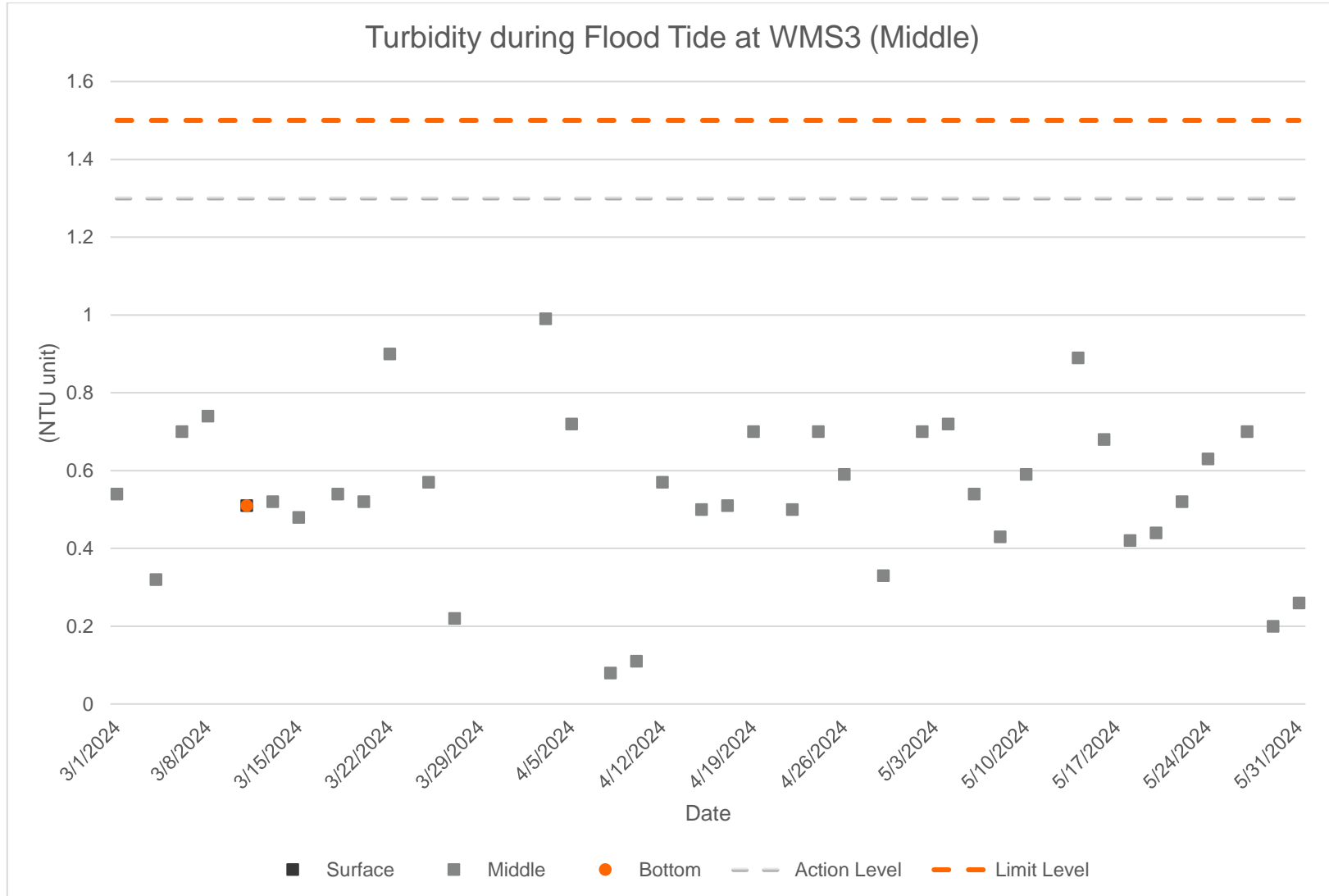
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WMS3 – Turbidity (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	-	0.54	-	1.3	1.5
3/4/2024	-	0.32	-	1.3	1.5
3/6/2024	-	0.7	-	1.3	1.5
3/8/2024	-	0.74	-	1.3	1.5
3/11/2024	0.51	-	0.51	1.3	1.5
3/13/2024	-	0.52	-	1.3	1.5
3/15/2024	-	0.48	-	1.3	1.5
3/18/2024	-	0.54	-	1.3	1.5
3/20/2024	-	0.52	-	1.3	1.5
3/22/2024	-	0.9	-	1.3	1.5
3/25/2024	-	0.57	-	1.3	1.5
3/27/2024	-	0.22	-	1.3	1.5
4/3/2024	-	0.99	-	1.3	1.5
4/5/2024	-	0.72	-	1.3	1.5
4/8/2024	-	0.08	-	1.3	1.5
4/10/2024	-	0.11	-	1.3	1.5
4/12/2024	-	0.57	-	1.3	1.5
4/15/2024	-	0.5	-	1.3	1.5
4/17/2024	-	0.51	-	1.3	1.5
4/19/2024	-	0.7	-	1.3	1.5
4/22/2024	-	0.5	-	1.3	1.5
4/24/2024	-	0.7	-	1.3	1.5
4/26/2024	-	0.59	-	1.3	1.5
4/29/2024	-	0.33	-	1.3	1.5
5/2/2024	-	0.7	-	1.3	1.5
5/4/2024	-	0.72	-	1.3	1.5
5/6/2024	-	0.54	-	1.3	1.5
5/8/2024	-	0.43	-	1.3	1.5
5/10/2024	-	0.59	-	1.3	1.5
5/14/2024	-	0.89	-	1.3	1.5
5/16/2024	-	0.68	-	1.3	1.5
5/18/2024	-	0.42	-	1.3	1.5
5/20/2024	-	0.44	-	1.3	1.5
5/22/2024	-	0.52	-	1.3	1.5
5/24/2024	-	0.63	-	1.3	1.5
5/27/2024	-	0.7	-	1.3	1.5
5/29/2024	-	0.2	-	1.3	1.5
5/31/2024	-	0.26	-	1.3	1.5



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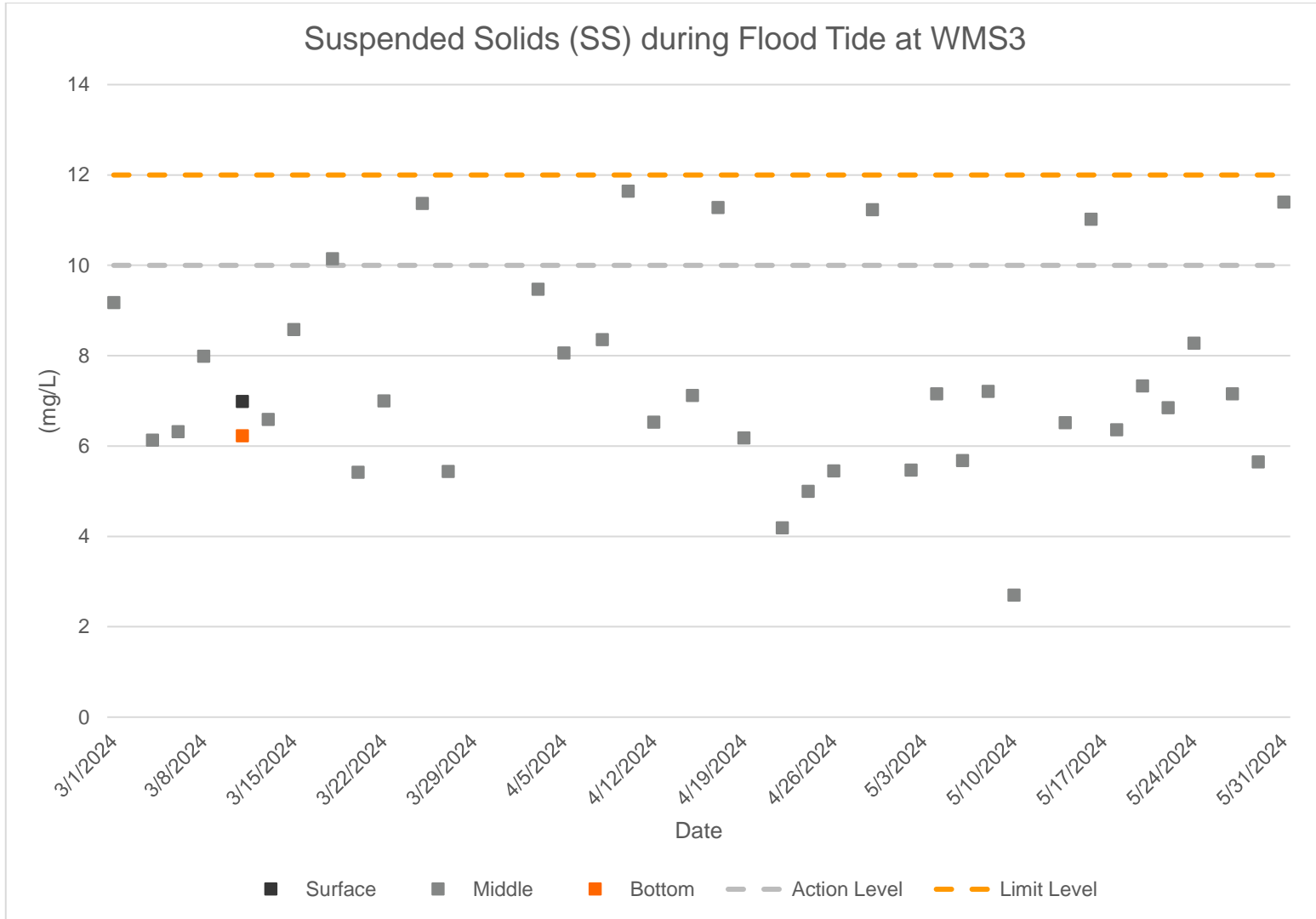
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WMS3 – Suspended Solids (SS) (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	-	9.18	-	10	12
3/4/2024	-	6.13	-	10	12
3/6/2024	-	6.32	-	10	12
3/8/2024	-	7.99	-	10	12
3/11/2024	6.99	-	6.23	10	12
3/13/2024	-	6.59	-	10	12
3/15/2024	-	8.58	-	10	12
3/18/2024	-	10.15	-	10	12
3/20/2024	-	5.42	-	10	12
3/22/2024	-	7	-	10	12
3/25/2024	-	11.37	-	10	12
3/27/2024	-	5.44	-	10	12
4/3/2024	-	9.47	-	10	12
4/5/2024	-	8.06	-	10	12
4/8/2024	-	8.36	-	10	12
4/10/2024	-	11.64	-	10	12
4/12/2024	-	6.53	-	10	12
4/15/2024	-	7.12	-	10	12
4/17/2024	-	11.28	-	10	12
4/19/2024	-	6.18	-	10	12
4/22/2024	-	4.19	-	10	12
4/24/2024	-	5	-	10	12
4/26/2024	-	5.45	-	10	12
4/29/2024	-	11.23	-	10	12
5/2/2024	-	5.47	-	10	12
5/4/2024	-	7.16	-	10	12
5/6/2024	-	5.68	-	10	12
5/8/2024	-	7.21	-	10	12
5/10/2024	-	2.7	-	10	12
5/14/2024	-	6.52	-	10	12
5/16/2024	-	11.02	-	10	12
5/18/2024	-	6.36	-	10	12
5/20/2024	-	7.33	-	10	12
5/22/2024	-	6.85	-	10	12
5/24/2024	-	8.28	-	10	12
5/27/2024	-	7.16	-	10	12
5/29/2024	-	5.65	-	10	12
5/31/2024	-	11.4	-	10	12



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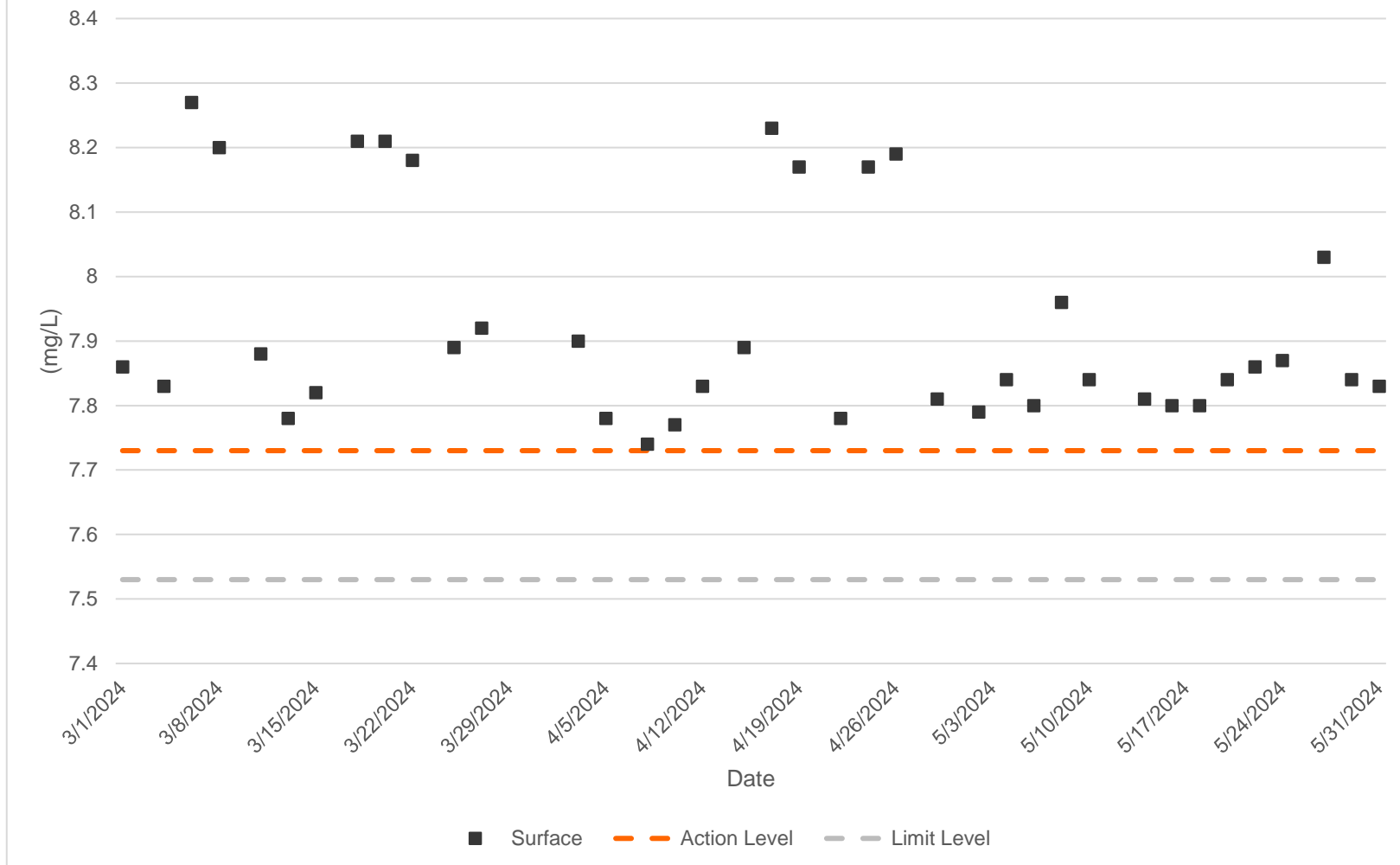
WMS4 – Dissolved Oxygen (DO) (Ebb Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.86	-	7.73	7.53	7.83	7.73	7.53
3/4/2024	7.83	-	7.73	7.53	7.85	7.73	7.53
3/6/2024	8.27	-	7.73	7.53	8.21	7.73	7.53
3/8/2024	8.2	-	7.73	7.53	8.17	7.73	7.53
3/11/2024	7.88	-	7.73	7.53	7.85	7.73	7.53
3/13/2024	7.78	-	7.73	7.53	7.78	7.73	7.53
3/15/2024	7.82	-	7.73	7.53	7.81	7.73	7.53
3/18/2024	8.21	-	7.73	7.53	8.12	7.73	7.53
3/20/2024	8.21	-	7.73	7.53	8.13	7.73	7.53
3/22/2024	8.18	-	7.73	7.53	8.09	7.73	7.53
3/25/2024	7.89	-	7.73	7.53	7.86	7.73	7.53
3/27/2024	7.92	-	7.73	7.53	7.88	7.73	7.53
4/3/2024	7.9	-	7.73	7.53	7.94	7.73	7.53
4/5/2024	7.78	-	7.73	7.53	7.76	7.73	7.53
4/8/2024	7.74	-	7.73	7.53	7.72	7.73	7.53
4/10/2024	7.77	-	7.73	7.53	7.75	7.73	7.53
4/12/2024	7.83	-	7.73	7.53	7.79	7.73	7.53
4/15/2024	7.89	-	7.73	7.53	8.18	7.73	7.53
4/17/2024	8.23	-	7.73	7.53	8.19	7.73	7.53
4/19/2024	8.17	-	7.73	7.53	8.08	7.73	7.53
4/22/2024	7.78	-	7.73	7.53	7.76	7.73	7.53
4/24/2024	8.17	-	7.73	7.53	8.09	7.73	7.53
4/26/2024	8.19	-	7.73	7.53	8.15	7.73	7.53
4/29/2024	7.81	-	7.73	7.53	7.77	7.73	7.53
5/2/2024	7.79	-	7.73	7.53	7.75	7.73	7.53
5/4/2024	7.84	-	7.73	7.53	7.8	7.73	7.53
5/6/2024	7.8	-	7.73	7.53	7.76	7.73	7.53
5/8/2024	7.96	-	7.73	7.53	8.08	7.73	7.53
5/10/2024	7.84	-	7.73	7.53	7.82	7.73	7.53
5/14/2024	7.81	-	7.73	7.53	7.79	7.73	7.53
5/16/2024	7.8	-	7.73	7.53	7.79	7.73	7.53
5/18/2024	7.8	-	7.73	7.53	7.76	7.73	7.53
5/20/2024	7.84	-	7.73	7.53	7.8	7.73	7.53
5/22/2024	7.86	-	7.73	7.53	7.81	7.73	7.53
5/24/2024	7.87	-	7.73	7.53	7.62	7.73	7.53
5/27/2024	8.03	-	7.73	7.53	7.96	7.73	7.53
5/29/2024	7.84	-	7.73	7.53	7.8	7.73	7.53
5/31/2024	7.83	-	7.73	7.53	7.81	7.73	7.53



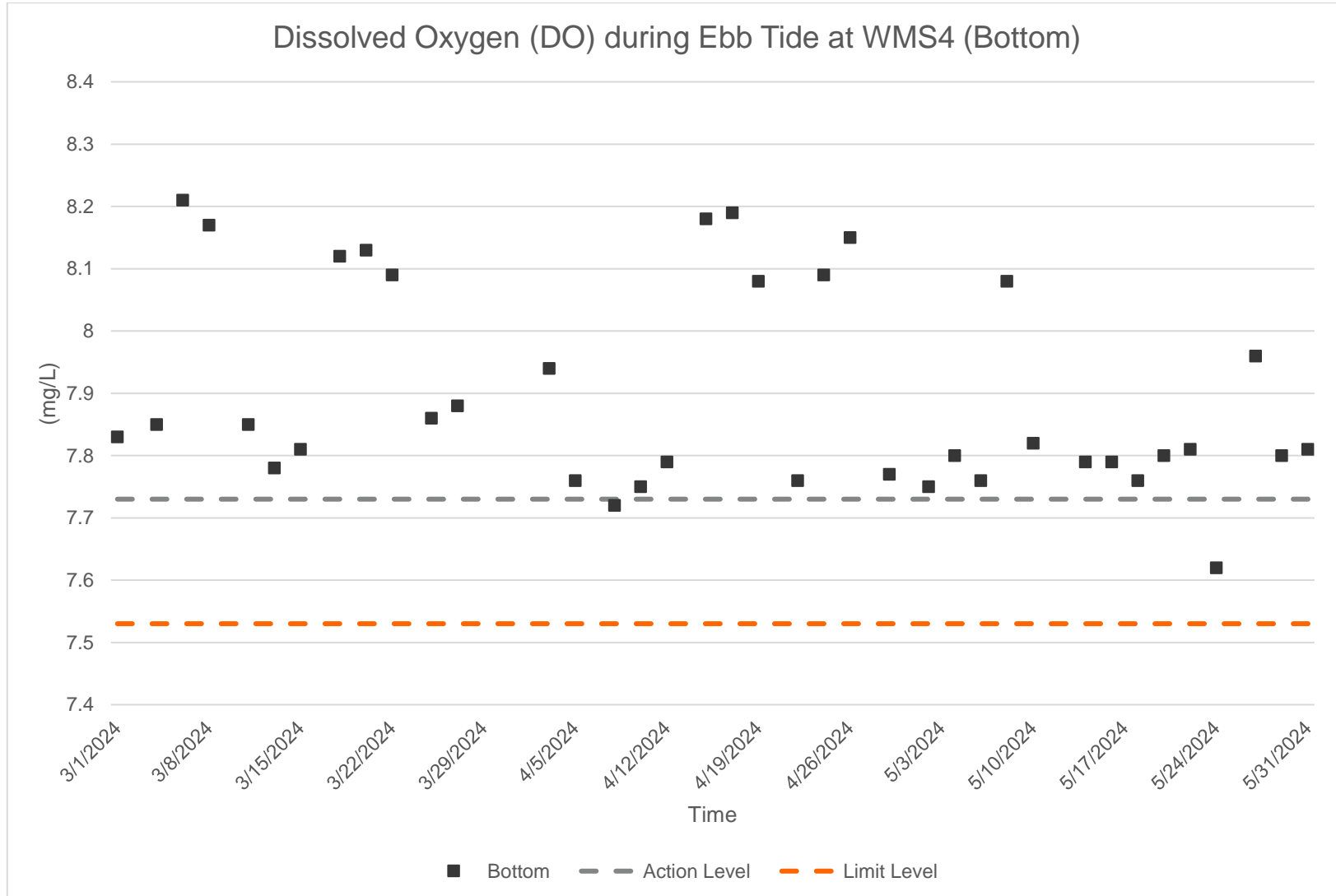
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Dissolved Oxygen (DO) during Ebb Tide at WMS4 (Surface)





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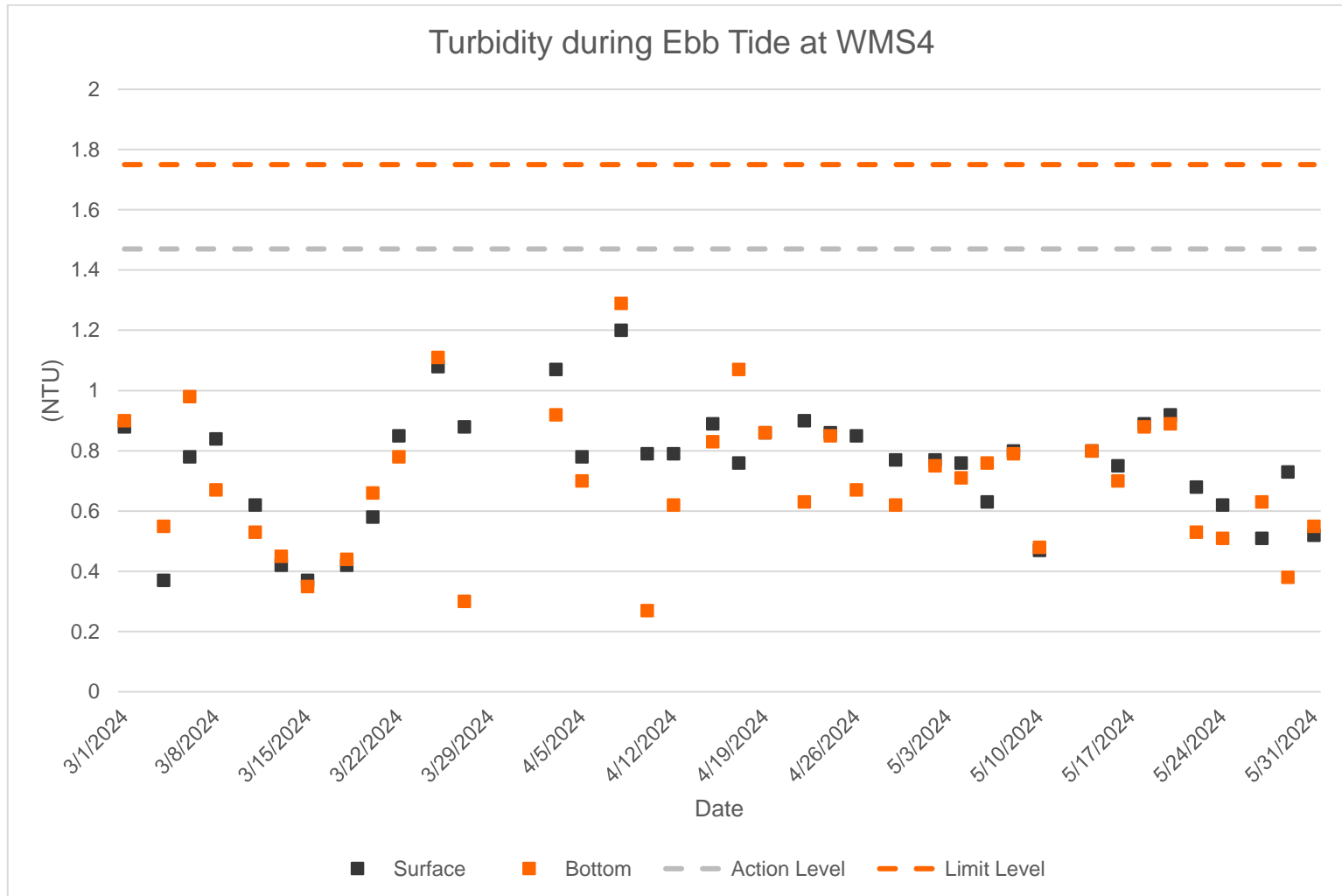
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Turbidity at WMS4 (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.88	-	0.9	1.47	1.75
3/4/2024	0.37	-	0.55	1.47	1.75
3/6/2024	0.78	-	0.98	1.47	1.75
3/8/2024	0.84	-	0.67	1.47	1.75
3/11/2024	0.62	-	0.53	1.47	1.75
3/13/2024	0.42	-	0.45	1.47	1.75
3/15/2024	0.37	-	0.35	1.47	1.75
3/18/2024	0.42	-	0.44	1.47	1.75
3/20/2024	0.58	-	0.66	1.47	1.75
3/22/2024	0.85	-	0.78	1.47	1.75
3/25/2024	1.08	-	1.11	1.47	1.75
3/27/2024	0.88	-	0.3	1.47	1.75
4/3/2024	1.07	-	0.92	1.47	1.75
4/5/2024	0.78	-	0.7	1.47	1.75
4/8/2024	1.2	-	1.29	1.47	1.75
4/10/2024	0.79	-	0.27	1.47	1.75
4/12/2024	0.79	-	0.62	1.47	1.75
4/15/2024	0.89	-	0.83	1.47	1.75
4/17/2024	0.76	-	1.07	1.47	1.75
4/19/2024	0.86	-	0.86	1.47	1.75
4/22/2024	0.9	-	0.63	1.47	1.75
4/24/2024	0.86	-	0.85	1.47	1.75
4/26/2024	0.85	-	0.67	1.47	1.75
4/29/2024	0.77	-	0.62	1.47	1.75
5/2/2024	0.77	-	0.75	1.47	1.75
5/4/2024	0.76	-	0.71	1.47	1.75
5/6/2024	0.63	-	0.76	1.47	1.75
5/8/2024	0.8	-	0.79	1.47	1.75
5/10/2024	0.47	-	0.48	1.47	1.75
5/14/2024	0.8	-	0.8	1.47	1.75
5/16/2024	0.75	-	0.7	1.47	1.75
5/18/2024	0.89	-	0.88	1.47	1.75
5/20/2024	0.92	-	0.89	1.47	1.75
5/22/2024	0.68	-	0.53	1.47	1.75
5/24/2024	0.62	-	0.51	1.47	1.75
5/27/2024	0.51	-	0.63	1.47	1.75
5/29/2024	0.73	-	0.38	1.47	1.75
5/31/2024	0.52	-	0.55	1.47	1.75



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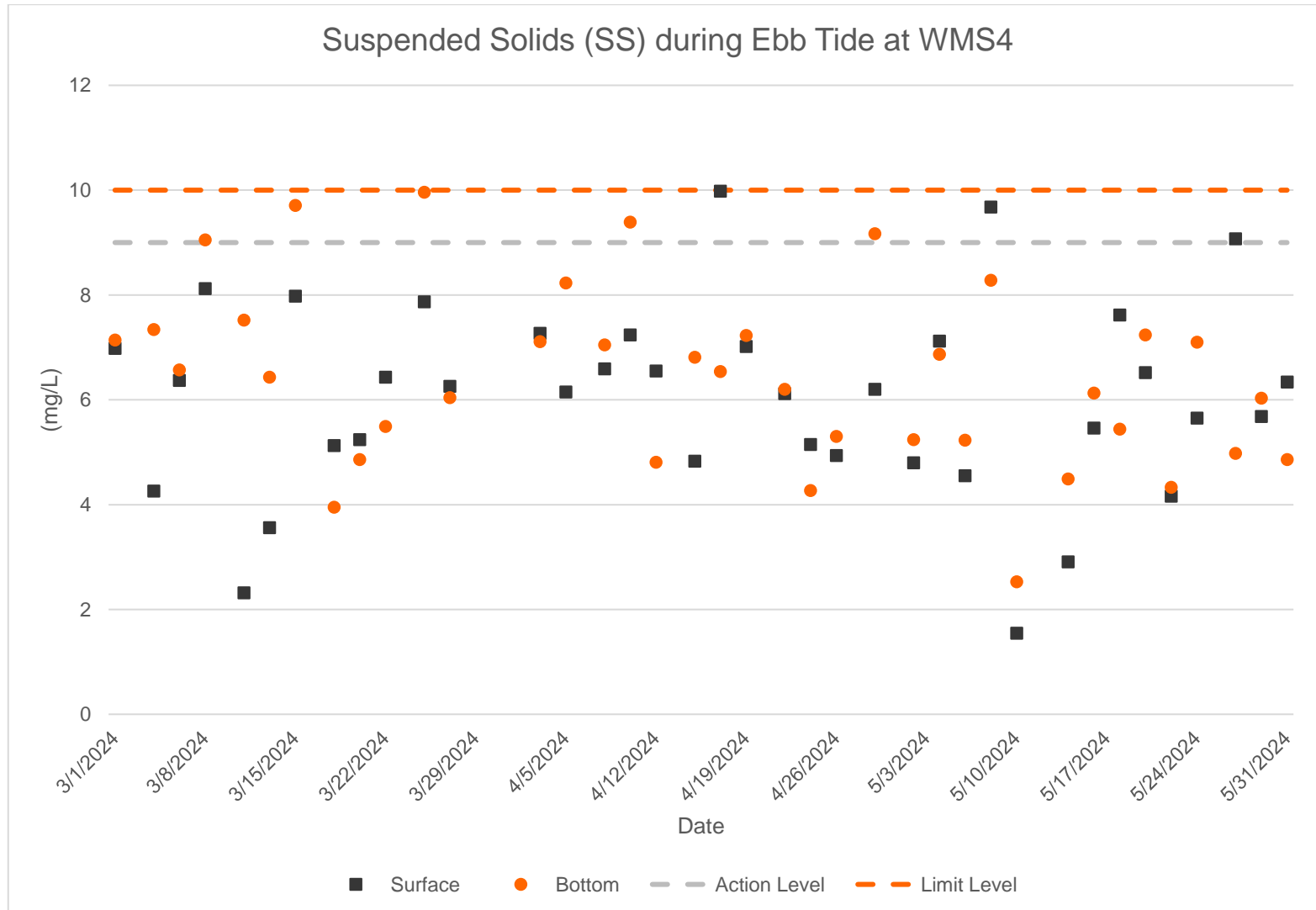
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Suspended Solids at WMS4 (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	6.98	-	7.14	9	10
3/4/2024	4.26	-	7.34	9	10
3/6/2024	6.37	-	6.57	9	10
3/8/2024	8.12	-	9.05	9	10
3/11/2024	2.32	-	7.52	9	10
3/13/2024	3.56	-	6.43	9	10
3/15/2024	7.98	-	9.71	9	10
3/18/2024	5.13	-	3.95	9	10
3/20/2024	5.24	-	4.86	9	10
3/22/2024	6.43	-	5.49	9	10
3/25/2024	7.87	-	9.96	9	10
3/27/2024	6.26	-	6.04	9	10
4/3/2024	7.27	-	7.11	9	10
4/5/2024	6.15	-	8.23	9	10
4/8/2024	6.59	-	7.05	9	10
4/10/2024	7.24	-	9.39	9	10
4/12/2024	6.55	-	4.81	9	10
4/15/2024	4.83	-	6.81	9	10
4/17/2024	9.98	-	6.54	9	10
4/19/2024	7.02	-	7.23	9	10
4/22/2024	6.12	-	6.2	9	10
4/24/2024	5.15	-	4.27	9	10
4/26/2024	4.94	-	5.3	9	10
4/29/2024	6.2	-	9.17	9	10
5/2/2024	4.8	-	5.24	9	10
5/4/2024	7.12	-	6.87	9	10
5/6/2024	4.55	-	5.23	9	10
5/8/2024	9.68	-	8.28	9	10
5/10/2024	1.55	-	2.53	9	10
5/14/2024	2.91	-	4.49	9	10
5/16/2024	5.46	-	6.13	9	10
5/18/2024	7.62	-	5.44	9	10
5/20/2024	6.52	-	7.24	9	10
5/22/2024	4.16	-	4.33	9	10
5/24/2024	5.65	-	7.1	9	10
5/27/2024	9.07	-	4.98	9	10
5/29/2024	5.68	-	6.03	9	10
5/31/2024	6.34	-	4.86	9	10



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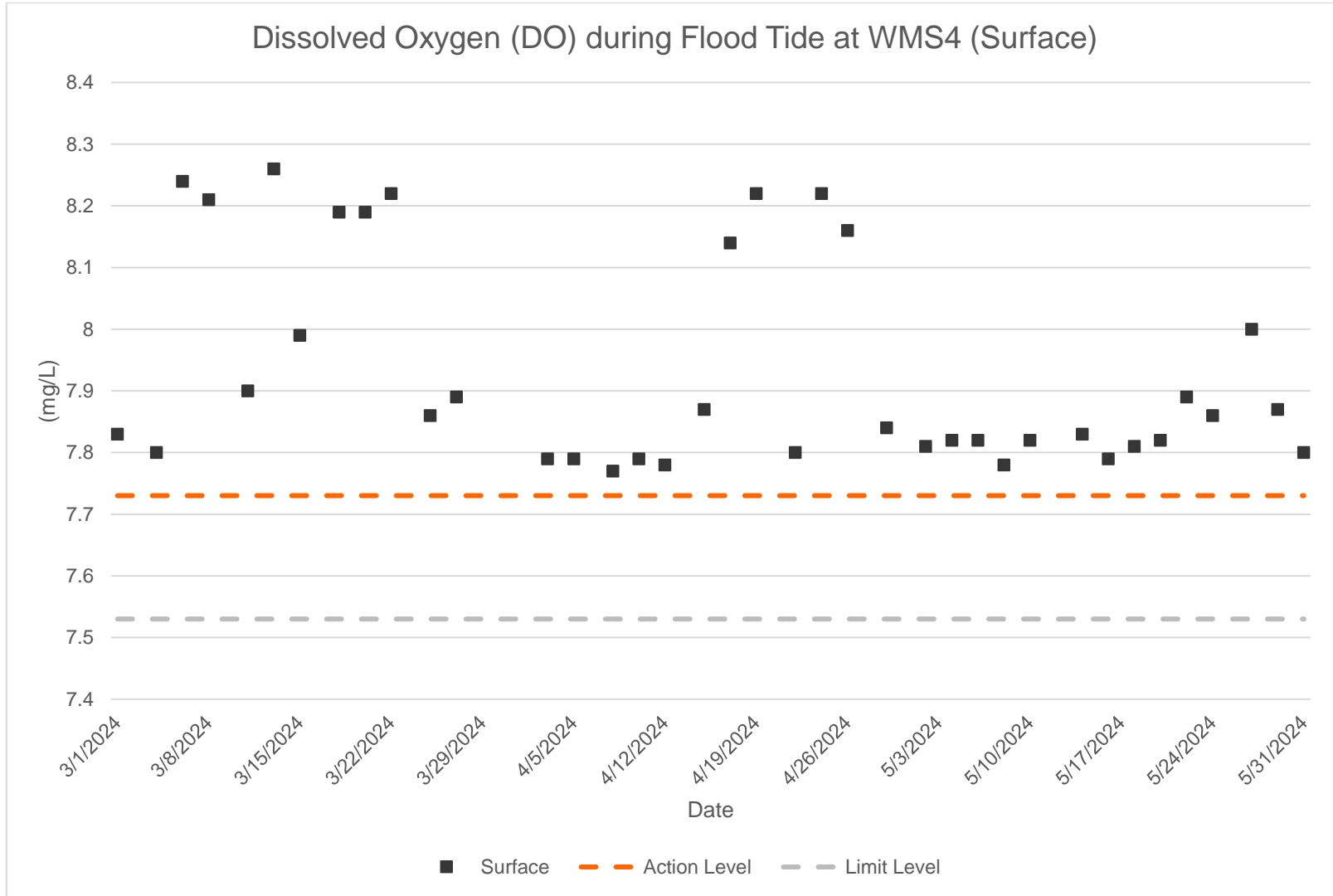
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WMS4 – Dissolved Oxygen (DO) (Flood Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.83	-	7.73	7.53	7.81	7.73	7.53
3/4/2024	7.8	-	7.73	7.53	7.83	7.73	7.53
3/6/2024	8.24	-	7.73	7.53	8.18	7.73	7.53
3/8/2024	8.21	-	7.73	7.53	8.15	7.73	7.53
3/11/2024	7.9	-	7.73	7.53	7.86	7.73	7.53
3/13/2024	8.26	-	7.73	7.53	8.17	7.73	7.53
3/15/2024	7.99	-	7.73	7.53	7.83	7.73	7.53
3/18/2024	8.19	-	7.73	7.53	8.1	7.73	7.53
3/20/2024	8.19	-	7.73	7.53	8.1	7.73	7.53
3/22/2024	8.22	-	7.73	7.53	8.13	7.73	7.53
3/25/2024	7.86	-	7.73	7.53	7.82	7.73	7.53
3/27/2024	7.89	-	7.73	7.53	7.85	7.73	7.53
4/3/2024	7.79	-	7.73	7.53	7.76	7.73	7.53
4/5/2024	7.79	-	7.73	7.53	7.78	7.73	7.53
4/8/2024	7.77	-	7.73	7.53	7.75	7.73	7.53
4/10/2024	7.79	-	7.73	7.53	7.77	7.73	7.53
4/12/2024	7.78	-	7.73	7.53	7.76	7.73	7.53
4/15/2024	7.87	-	7.73	7.53	7.84	7.73	7.53
4/17/2024	8.14	-	7.73	7.53	8.11	7.73	7.53
4/19/2024	8.22	-	7.73	7.53	8.13	7.73	7.53
4/22/2024	7.8	-	7.73	7.53	7.76	7.73	7.53
4/24/2024	8.22	-	7.73	7.53	8.13	7.73	7.53
4/26/2024	8.16	-	7.73	7.53	8.12	7.73	7.53
4/29/2024	7.84	-	7.73	7.53	7.8	7.73	7.53
5/2/2024	7.81	-	7.73	7.53	7.77	7.73	7.53
5/4/2024	7.82	-	7.73	7.53	7.78	7.73	7.53
5/6/2024	7.82	-	7.73	7.53	7.78	7.73	7.53
5/8/2024	7.78	-	7.73	7.53	7.76	7.73	7.53
5/10/2024	7.82	-	7.73	7.53	7.8	7.73	7.53
5/14/2024	7.83	-	7.73	7.53	7.81	7.73	7.53
5/16/2024	7.79	-	7.73	7.53	7.77	7.73	7.53
5/18/2024	7.81	-	7.73	7.53	7.77	7.73	7.53
5/20/2024	7.82	-	7.73	7.53	7.78	7.73	7.53
5/22/2024	7.89	-	7.73	7.53	7.84	7.73	7.53
5/24/2024	7.86	-	7.73	7.53	7.81	7.73	7.53
5/27/2024	8	-	7.73	7.53	7.79	7.73	7.53
5/29/2024	7.87	-	7.73	7.53	7.83	7.73	7.53
5/31/2024	7.8	-	7.73	7.53	7.78	7.73	7.53



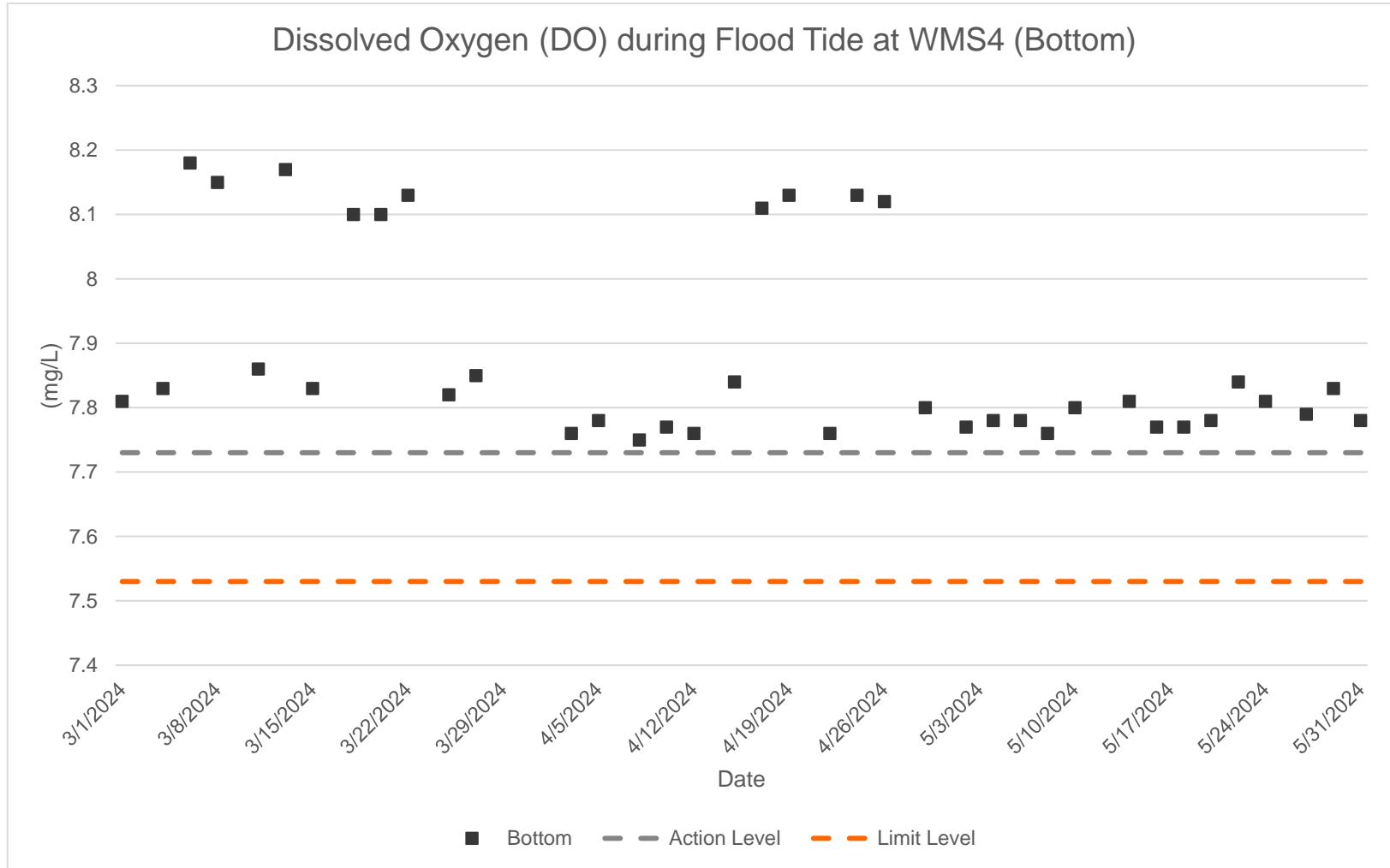
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Dissolved Oxygen (DO) during Flood Tide at WMS4 (Bottom)



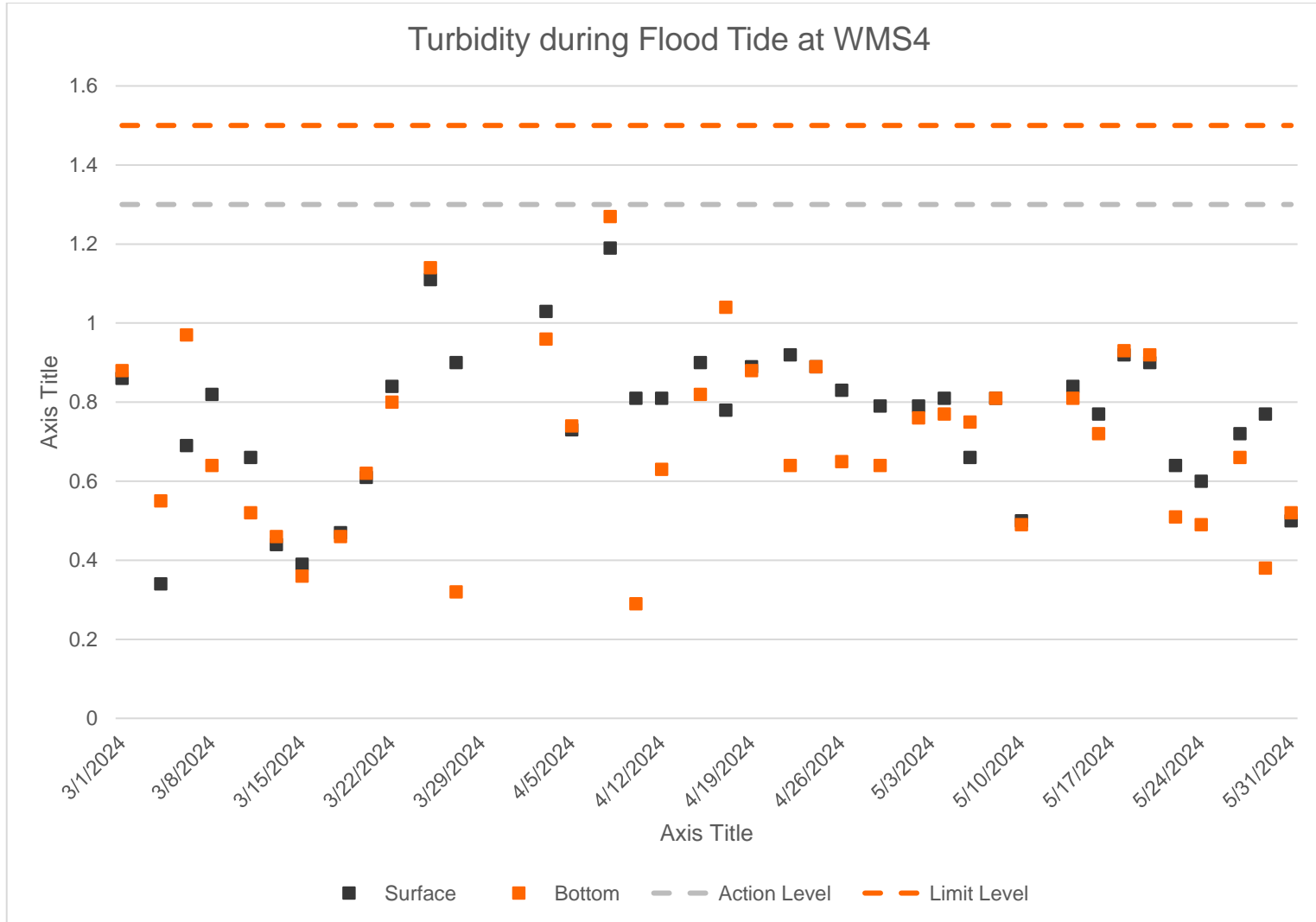
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WMS4 – Turbidity (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.86	-	0.88	1.3	1.5
3/4/2024	0.34	-	0.55	1.3	1.5
3/6/2024	0.69	-	0.97	1.3	1.5
3/8/2024	0.82	-	0.64	1.3	1.5
3/11/2024	0.66	-	0.52	1.3	1.5
3/13/2024	0.44	-	0.46	1.3	1.5
3/15/2024	0.39	-	0.36	1.3	1.5
3/18/2024	0.47	-	0.46	1.3	1.5
3/20/2024	0.61	-	0.62	1.3	1.5
3/22/2024	0.84	-	0.8	1.3	1.5
3/25/2024	1.11	-	1.14	1.3	1.5
3/27/2024	0.9	-	0.32	1.3	1.5
4/3/2024	1.03	-	0.96	1.3	1.5
4/5/2024	0.73	-	0.74	1.3	1.5
4/8/2024	1.19	-	1.27	1.3	1.5
4/10/2024	0.81	-	0.29	1.3	1.5
4/12/2024	0.81	-	0.63	1.3	1.5
4/15/2024	0.9	-	0.82	1.3	1.5
4/17/2024	0.78	-	1.04	1.3	1.5
4/19/2024	0.89	-	0.88	1.3	1.5
4/22/2024	0.92	-	0.64	1.3	1.5
4/24/2024	0.89	-	0.89	1.3	1.5
4/26/2024	0.83	-	0.65	1.3	1.5
4/29/2024	0.79	-	0.64	1.3	1.5
5/2/2024	0.79	-	0.76	1.3	1.5
5/4/2024	0.81	-	0.77	1.3	1.5
5/6/2024	0.66	-	0.75	1.3	1.5
5/8/2024	0.81	-	0.81	1.3	1.5
5/10/2024	0.5	-	0.49	1.3	1.5
5/14/2024	0.84	-	0.81	1.3	1.5
5/16/2024	0.77	-	0.72	1.3	1.5
5/18/2024	0.92	-	0.93	1.3	1.5
5/20/2024	0.9	-	0.92	1.3	1.5
5/22/2024	0.64	-	0.51	1.3	1.5
5/24/2024	0.6	-	0.49	1.3	1.5
5/27/2024	0.72	-	0.66	1.3	1.5
5/29/2024	0.77	-	0.38	1.3	1.5
5/31/2024	0.5	-	0.52	1.3	1.5



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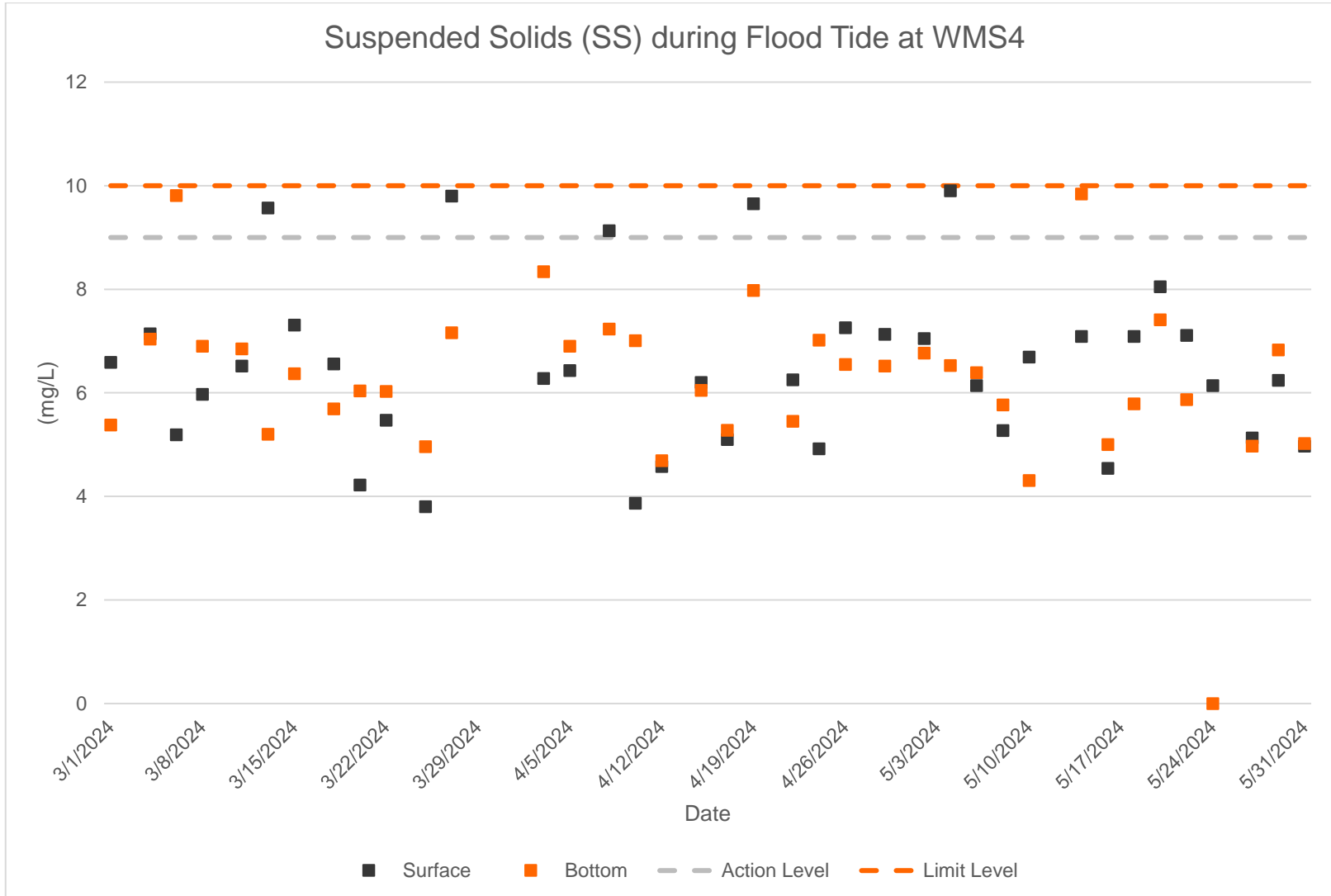
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WMS4 – Suspended Solids (SS) (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	6.59	-	5.38	9	10
3/4/2024	7.14	-	7.04	9	10
3/6/2024	5.19	-	9.81	9	10
3/8/2024	5.97	-	6.9	9	10
3/11/2024	6.52	-	6.85	9	10
3/13/2024	9.57	-	5.2	9	10
3/15/2024	7.31	-	6.37	9	10
3/18/2024	6.56	-	5.69	9	10
3/20/2024	4.22	-	6.04	9	10
3/22/2024	5.47	-	6.03	9	10
3/25/2024	3.8	-	4.96	9	10
3/27/2024	9.8	-	7.16	9	10
4/3/2024	6.28	-	8.34	9	10
4/5/2024	6.43	-	6.9	9	10
4/8/2024	9.13	-	7.23	9	10
4/10/2024	3.87	-	7.01	9	10
4/12/2024	4.58	-	4.69	9	10
4/15/2024	6.2	-	6.05	9	10
4/17/2024	5.1	-	5.28	9	10
4/19/2024	9.65	-	7.98	9	10
4/22/2024	6.25	-	5.45	9	10
4/24/2024	4.92	-	7.02	9	10
4/26/2024	7.26	-	6.55	9	10
4/29/2024	7.13	-	6.52	9	10
5/2/2024	7.05	-	6.77	9	10
5/4/2024	9.9	-	6.53	9	10
5/6/2024	6.14	-	6.39	9	10
5/8/2024	5.27	-	5.77	9	10
5/10/2024	6.69	-	4.31	9	10
5/14/2024	7.09	-	9.84	9	10
5/16/2024	4.54	-	5	9	10
5/18/2024	7.09	-	5.79	9	10
5/20/2024	8.05	-	7.41	9	10
5/22/2024	7.11	-	5.87	9	10
5/24/2024	6.14	-	9.99	9	10
5/27/2024	5.13	-	4.97	9	10
5/29/2024	6.24	-	6.83	9	10
5/31/2024	4.97	-	5.02	9	10



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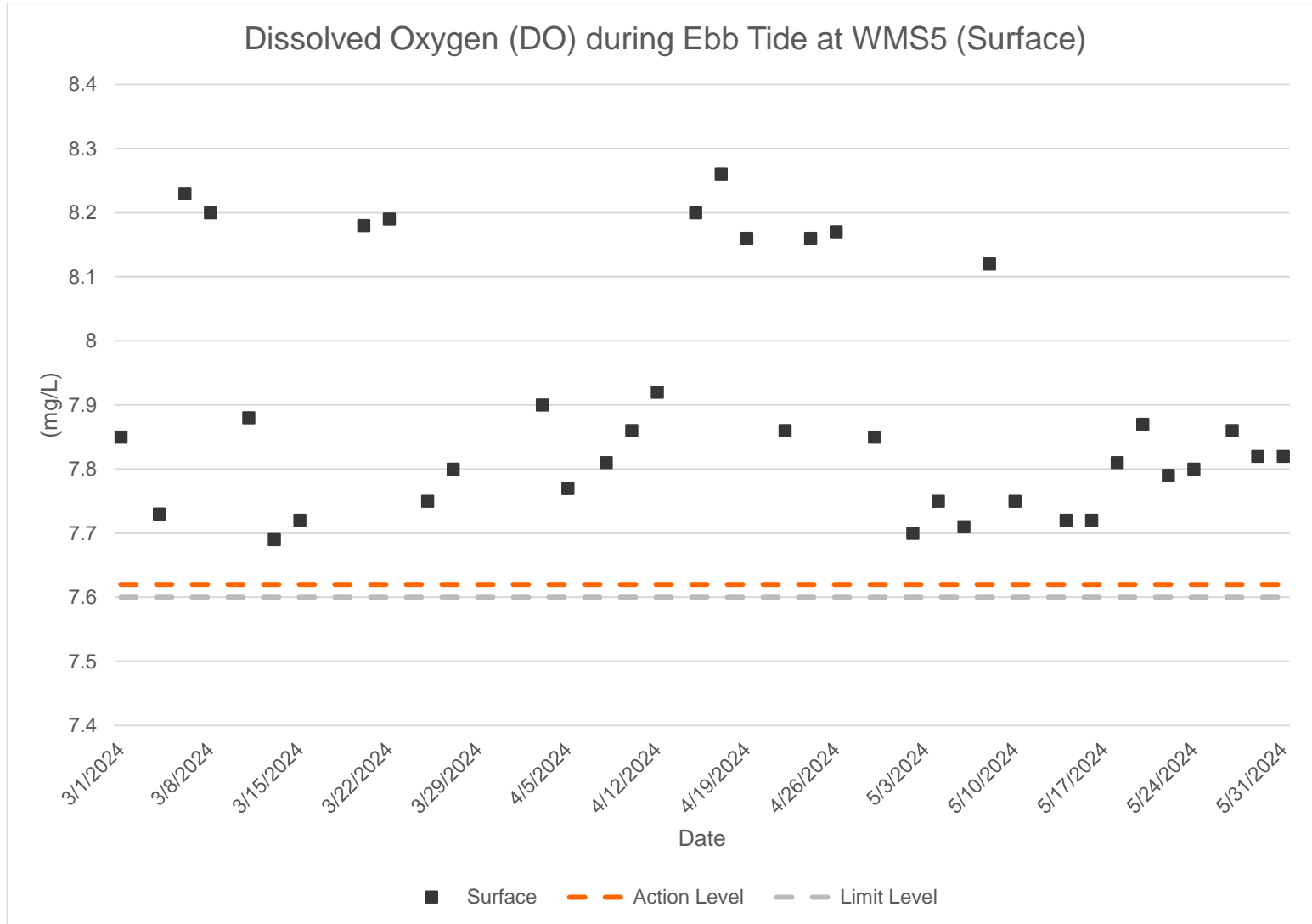
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WMS5 – Dissolved Oxygen (DO) (Ebb Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.85	-	7.62	7.6	7.83	7.62	7.6
3/4/2024	7.73	-	7.62	7.6	7.76	7.62	7.6
3/6/2024	8.23	-	7.62	7.6	8.17	7.62	7.6
3/8/2024	8.2	-	7.62	7.6	8.15	7.62	7.6
3/11/2024	7.88	-	7.62	7.6	7.85	7.62	7.6
3/13/2024	7.69	-	7.62	7.6	7.68	7.62	7.6
3/15/2024	7.72	-	7.62	7.6	7.71	7.62	7.6
3/18/2024	8.54	-	7.62	7.6	8.07	7.62	7.6
3/20/2024	8.18	-	7.62	7.6	8.11	7.62	7.6
3/22/2024	8.19	-	7.62	7.6	8.04	7.62	7.6
3/25/2024	7.75	-	7.62	7.6	7.77	7.62	7.6
3/27/2024	7.8	-	7.62	7.6	7.83	7.62	7.6
4/3/2024	7.9	-	7.62	7.6	7.86	7.62	7.6
4/5/2024	7.77	-	7.62	7.6	7.88	7.62	7.6
4/8/2024	7.81	-	7.62	7.6	7.87	7.62	7.6
4/10/2024	7.86	-	7.62	7.6	7.82	7.62	7.6
4/12/2024	7.92	-	7.62	7.6	7.96	7.62	7.6
4/15/2024	8.2	-	7.62	7.6	8	7.62	7.6
4/17/2024	8.26	-	7.62	7.6	8.18	7.62	7.6
4/19/2024	8.16	-	7.62	7.6	8.05	7.62	7.6
4/22/2024	7.86	-	7.62	7.6	7.79	7.62	7.6
4/24/2024	8.16	-	7.62	7.6	8.05	7.62	7.6
4/26/2024	8.17	-	7.62	7.6	8.09	7.62	7.6
4/29/2024	7.85	-	7.62	7.6	7.78	7.62	7.6
5/2/2024	7.7	-	7.62	7.6	7.66	7.62	7.6
5/4/2024	7.75	-	7.62	7.6	7.72	7.62	7.6
5/6/2024	7.71	-	7.62	7.6	7.67	7.62	7.6
5/8/2024	8.12	-	7.62	7.6	8.14	7.62	7.6
5/10/2024	7.75	-	7.62	7.6	7.71	7.62	7.6
5/14/2024	7.72	-	7.62	7.6	7.68	7.62	7.6
5/16/2024	7.72	-	7.62	7.6	7.69	7.62	7.6
5/18/2024	7.81	-	7.62	7.6	7.73	7.62	7.6
5/20/2024	7.87	-	7.62	7.6	7.8	7.62	7.6
5/22/2024	7.79	-	7.62	7.6	7.87	7.62	7.6
5/24/2024	7.8	-	7.62	7.6	7.87	7.62	7.6
5/27/2024	7.86	-	7.62	7.6	7.79	7.62	7.6
5/29/2024	7.82	-	7.62	7.6	7.78	7.62	7.6
5/31/2024	7.82	-	7.62	7.6	7.79	7.62	7.6



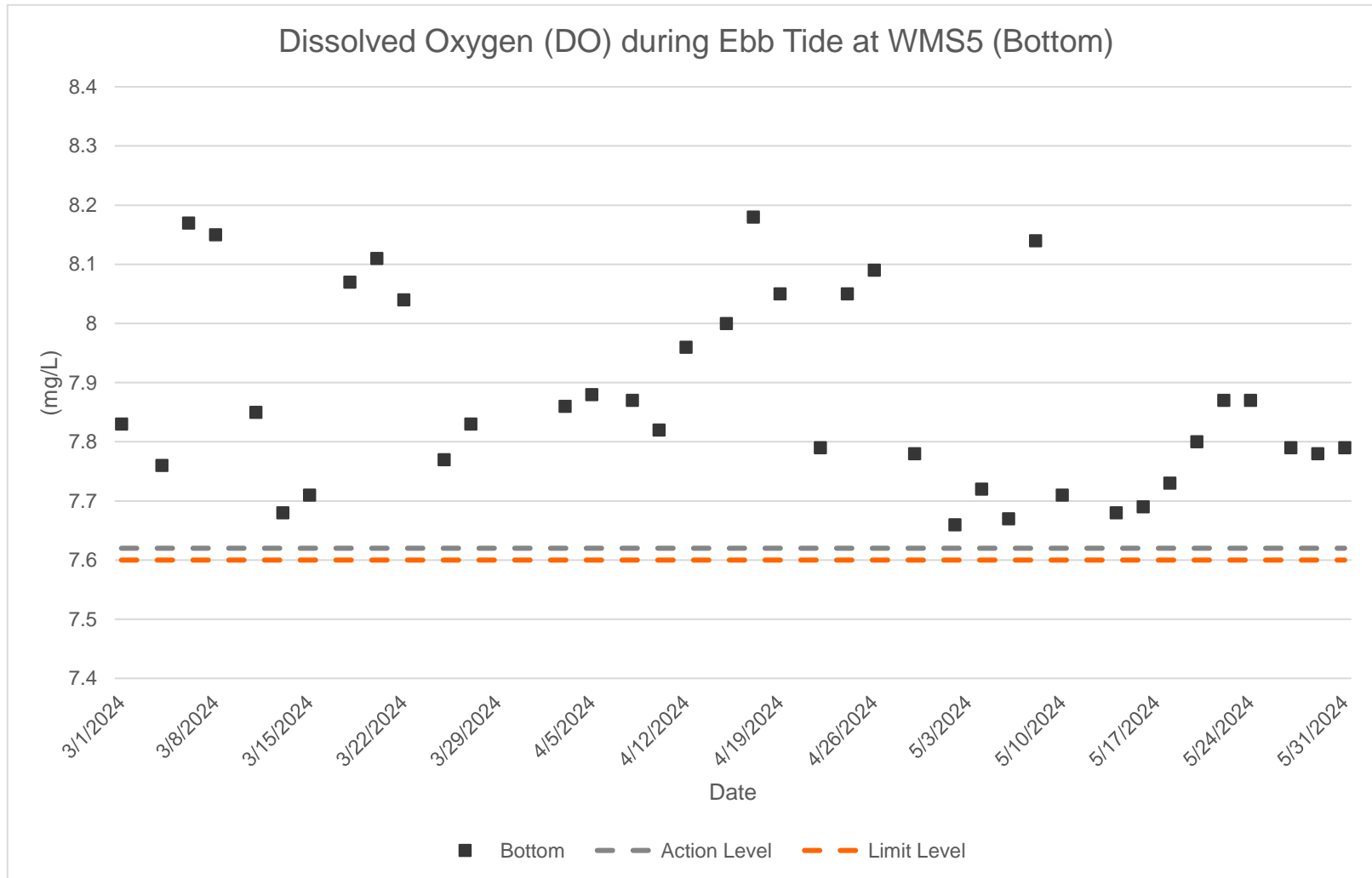
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Dissolved Oxygen (DO) during Ebb Tide at WMS5 (Bottom)



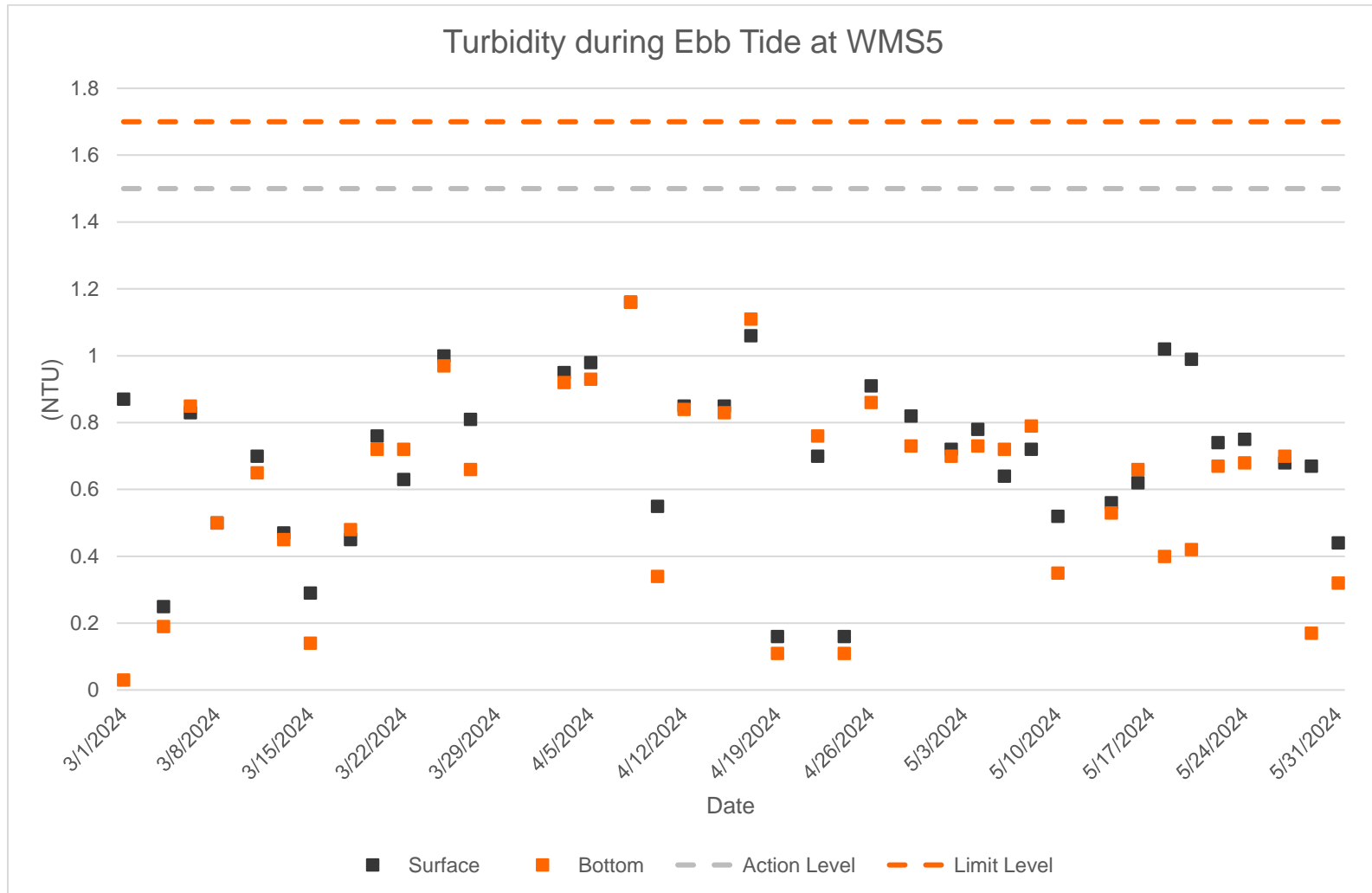
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WMS5 – Turbidity (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.87	-	0.03	1.5	1.7
3/4/2024	0.25	-	0.19	1.5	1.7
3/6/2024	0.83	-	0.85	1.5	1.7
3/8/2024	0.5	-	0.5	1.5	1.7
3/11/2024	0.7	-	0.65	1.5	1.7
3/13/2024	0.47	-	0.45	1.5	1.7
3/15/2024	0.29	-	0.14	1.5	1.7
3/18/2024	0.45	-	0.48	1.5	1.7
3/20/2024	0.76	-	0.72	1.5	1.7
3/22/2024	0.63	-	0.72	1.5	1.7
3/25/2024	1	-	0.97	1.5	1.7
3/27/2024	0.81	-	0.66	1.5	1.7
4/3/2024	0.95	-	0.92	1.5	1.7
4/5/2024	0.98	-	0.93	1.5	1.7
4/8/2024	1.16	-	1.16	1.5	1.7
4/10/2024	0.55	-	0.34	1.5	1.7
4/12/2024	0.85	-	0.84	1.5	1.7
4/15/2024	0.85	-	0.83	1.5	1.7
4/17/2024	1.06	-	1.11	1.5	1.7
4/19/2024	0.16	-	0.11	1.5	1.7
4/22/2024	0.7	-	0.76	1.5	1.7
4/24/2024	0.16	-	0.11	1.5	1.7
4/26/2024	0.91	-	0.86	1.5	1.7
4/29/2024	0.82	-	0.73	1.5	1.7
5/2/2024	0.72	-	0.7	1.5	1.7
5/4/2024	0.78	-	0.73	1.5	1.7
5/6/2024	0.64	-	0.72	1.5	1.7
5/8/2024	0.72	-	0.79	1.5	1.7
5/10/2024	0.52	-	0.35	1.5	1.7
5/14/2024	0.56	-	0.53	1.5	1.7
5/16/2024	0.62	-	0.66	1.5	1.7
5/18/2024	1.02	-	0.4	1.5	1.7
5/20/2024	0.99	-	0.42	1.5	1.7
5/22/2024	0.74	-	0.67	1.5	1.7
5/24/2024	0.75	-	0.68	1.5	1.7
5/27/2024	0.68	-	0.7	1.5	1.7
5/29/2024	0.67	-	0.17	1.5	1.7
5/31/2024	0.44	-	0.32	1.5	1.7



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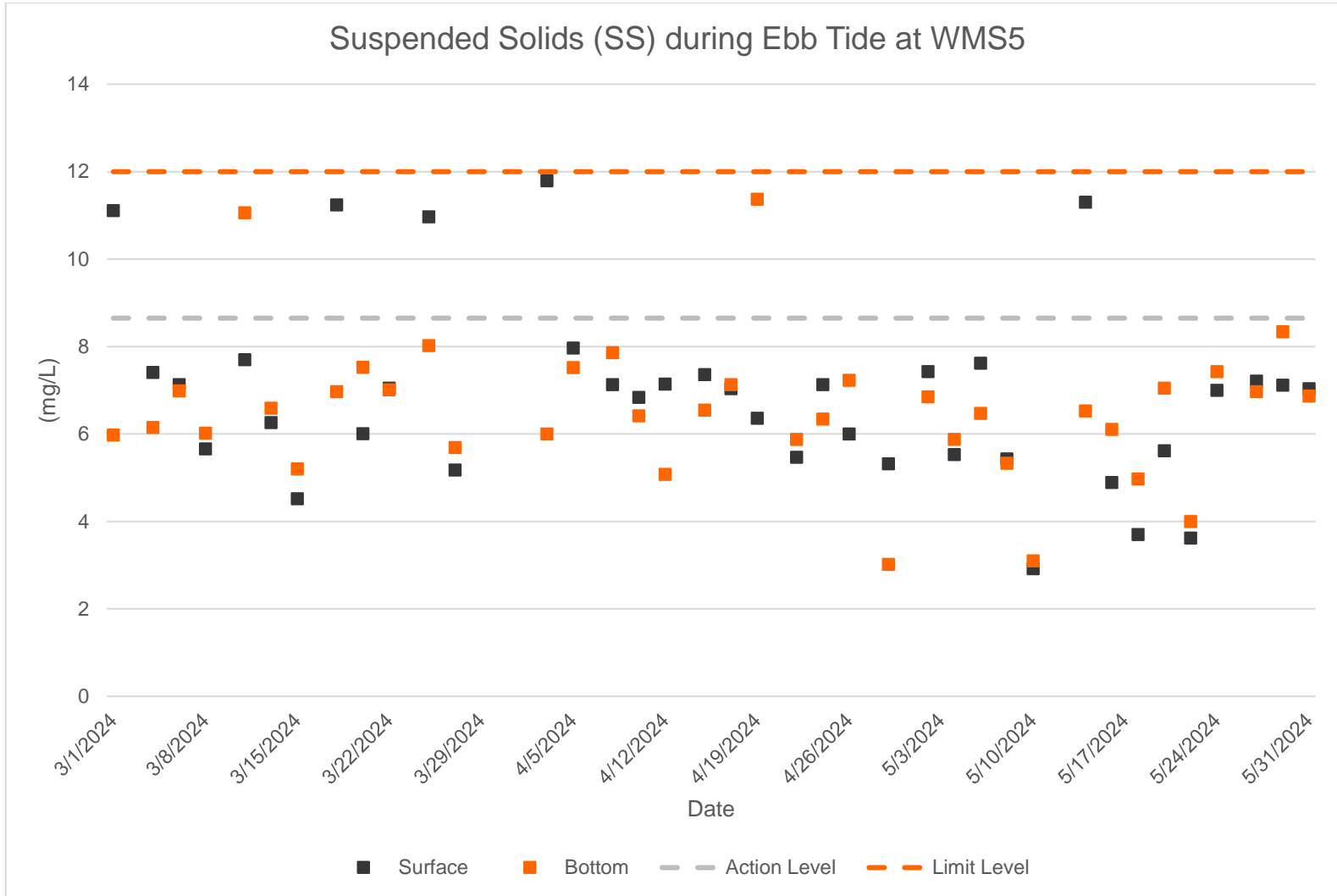
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WMS5 – Suspended Solids (SS) (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	11.11	-	5.98	8.65	12
3/4/2024	7.41	-	6.15	8.65	12
3/6/2024	7.13	-	6.99	8.65	12
3/8/2024	5.66	-	6.02	8.65	12
3/11/2024	7.7	-	11.06	8.65	12
3/13/2024	6.26	-	6.59	8.65	12
3/15/2024	4.52	-	5.2	8.65	12
3/18/2024	11.24	-	6.97	8.65	12
3/20/2024	6.01	-	7.53	8.65	12
3/22/2024	7.05	-	7.01	8.65	12
3/25/2024	10.97	-	8.02	8.65	12
3/27/2024	5.18	-	5.69	8.65	12
4/3/2024	11.79	-	6	8.65	12
4/5/2024	7.97	-	7.52	8.65	12
4/8/2024	7.13	-	7.86	8.65	12
4/10/2024	6.84	-	6.42	8.65	12
4/12/2024	7.14	-	5.08	8.65	12
4/15/2024	7.36	-	6.55	8.65	12
4/17/2024	7.04	-	7.13	8.65	12
4/19/2024	6.36	-	11.37	8.65	12
4/22/2024	5.47	-	5.88	8.65	12
4/24/2024	7.13	-	6.34	8.65	12
4/26/2024	6	-	7.23	8.65	12
4/29/2024	5.32	-	3.02	8.65	12
5/2/2024	7.43	-	6.85	8.65	12
5/4/2024	5.53	-	5.88	8.65	12
5/6/2024	7.62	-	6.47	8.65	12
5/8/2024	5.43	-	5.33	8.65	12
5/10/2024	2.92	-	3.1	8.65	12
5/14/2024	11.3	-	6.53	8.65	12
5/16/2024	4.89	-	6.11	8.65	12
5/18/2024	3.7	-	4.97	8.65	12
5/20/2024	5.62	-	7.05	8.65	12
5/22/2024	3.62	-	4	8.65	12
5/24/2024	7	-	7.43	8.65	12
5/27/2024	7.21	-	6.97	8.65	12
5/29/2024	7.12	-	8.34	8.65	12
5/31/2024	7.04	-	6.87	8.65	12



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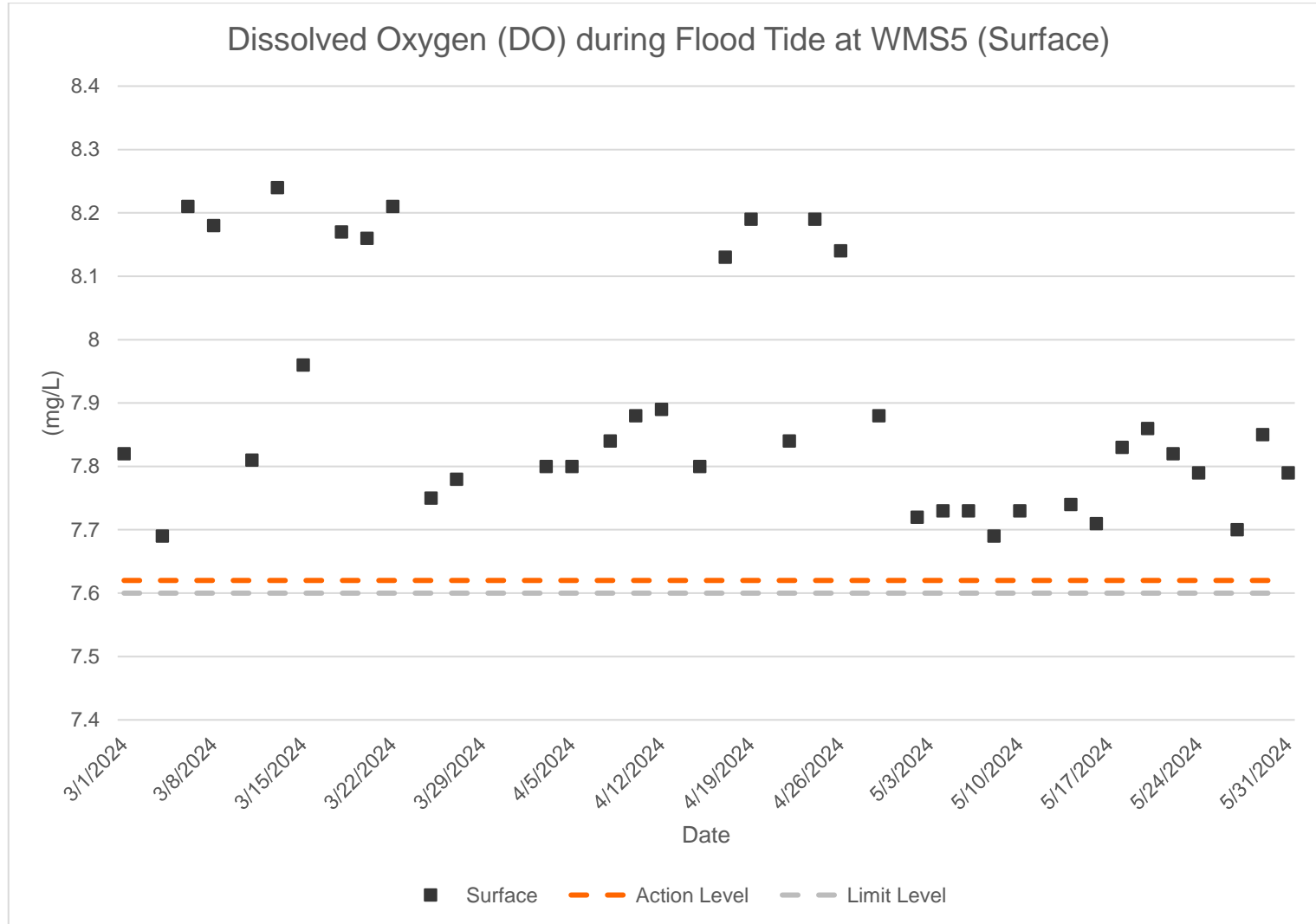
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WMS5 – Dissolved Oxygen (DO) (Flood Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.82	-	7.62	7.6	7.8	7.62	7.6
3/4/2024	7.69	-	7.62	7.6	7.73	7.62	7.6
3/6/2024	8.21	-	7.62	7.6	8.15	7.62	7.6
3/8/2024	8.18	-	7.62	7.6	8.13	7.62	7.6
3/11/2024	7.81	-	7.62	7.6	7.94	7.62	7.6
3/13/2024	8.24	-	7.62	7.6	8.11	7.62	7.6
3/15/2024	7.96	-	7.62	7.6	7.84	7.62	7.6
3/18/2024	8.17	-	7.62	7.6	8.05	7.62	7.6
3/20/2024	8.16	-	7.62	7.6	8.08	7.62	7.6
3/22/2024	8.21	-	7.62	7.6	8.07	7.62	7.6
3/25/2024	7.75	-	7.62	7.6	7.76	7.62	7.6
3/27/2024	7.78	-	7.62	7.6	7.8	7.62	7.6
4/3/2024	7.8	-	7.62	7.6	7.76	7.62	7.6
4/5/2024	7.8	-	7.62	7.6	7.9	7.62	7.6
4/8/2024	7.84	-	7.62	7.6	7.9	7.62	7.6
4/10/2024	7.88	-	7.62	7.6	7.85	7.62	7.6
4/12/2024	7.89	-	7.62	7.6	7.93	7.62	7.6
4/15/2024	7.8	-	7.62	7.6	7.89	7.62	7.6
4/17/2024	8.13	-	7.62	7.6	8.04	7.62	7.6
4/19/2024	8.19	-	7.62	7.6	8.11	7.62	7.6
4/22/2024	7.84	-	7.62	7.6	7.77	7.62	7.6
4/24/2024	8.19	-	7.62	7.6	8.11	7.62	7.6
4/26/2024	8.14	-	7.62	7.6	8.06	7.62	7.6
4/29/2024	7.88	-	7.62	7.6	7.81	7.62	7.6
5/2/2024	7.72	-	7.62	7.6	7.68	7.62	7.6
5/4/2024	7.73	-	7.62	7.6	7.7	7.62	7.6
5/6/2024	7.73	-	7.62	7.6	7.69	7.62	7.6
5/8/2024	7.69	-	7.62	7.6	7.65	7.62	7.6
5/10/2024	7.73	-	7.62	7.6	7.69	7.62	7.6
5/14/2024	7.74	-	7.62	7.6	7.7	7.62	7.6
5/16/2024	7.71	-	7.62	7.6	7.67	7.62	7.6
5/18/2024	7.83	-	7.62	7.6	7.75	7.62	7.6
5/20/2024	7.86	-	7.62	7.6	7.79	7.62	7.6
5/22/2024	7.82	-	7.62	7.6	7.9	7.62	7.6
5/24/2024	7.79	-	7.62	7.6	7.87	7.62	7.6
5/27/2024	7.7	-	7.62	7.6	7.65	7.62	7.6
5/29/2024	7.85	-	7.62	7.6	7.81	7.62	7.6
5/31/2024	7.79	-	7.62	7.6	7.76	7.62	7.6



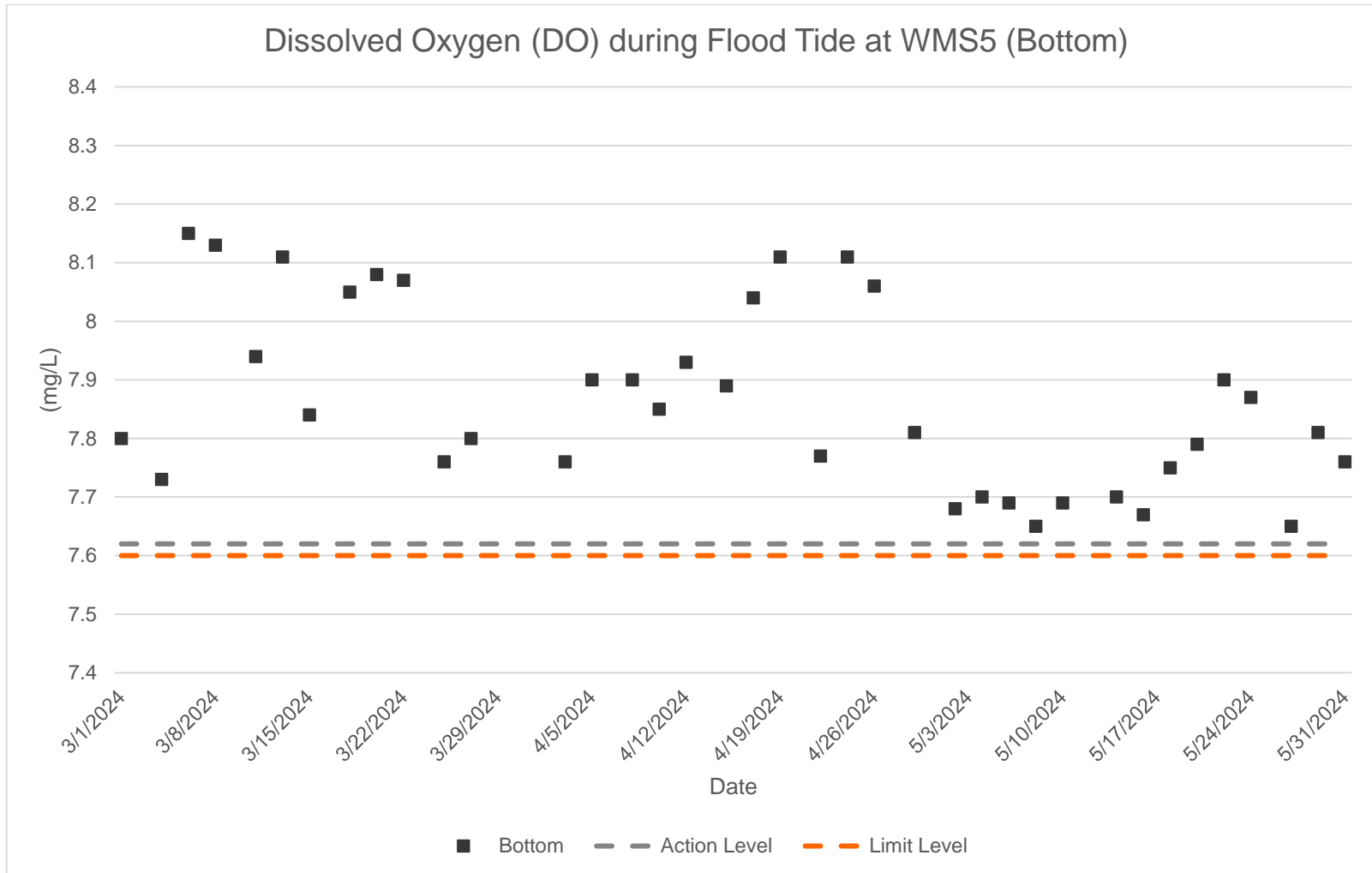
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Dissolved Oxygen (DO) during Flood Tide at WMS5 (Bottom)



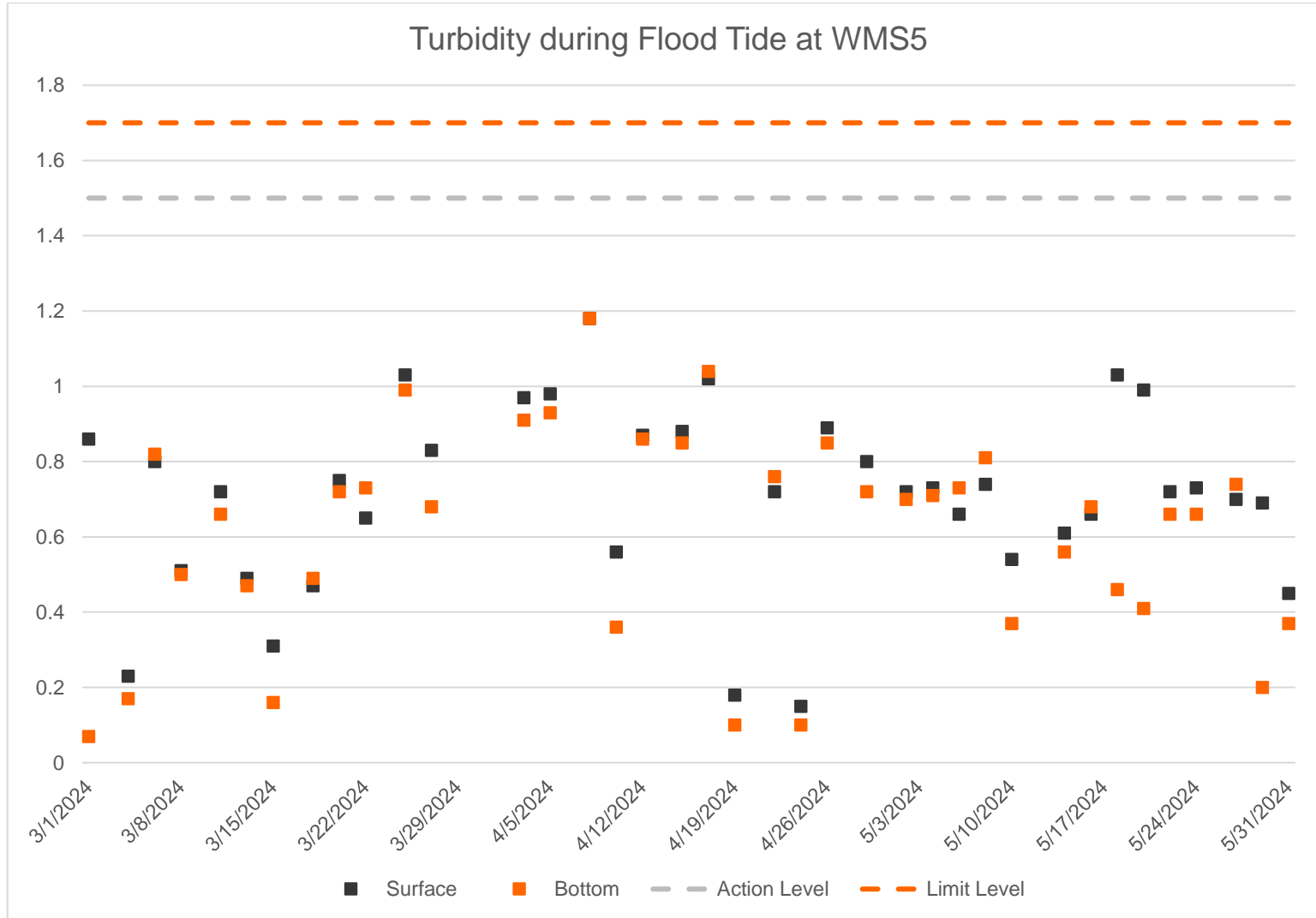
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WMS5 – Turbidity (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.86	-	0.07	1.5	1.7
3/4/2024	0.23	-	0.17	1.5	1.7
3/6/2024	0.8	-	0.82	1.5	1.7
3/8/2024	0.51	-	0.5	1.5	1.7
3/11/2024	0.72	-	0.66	1.5	1.7
3/13/2024	0.49	-	0.47	1.5	1.7
3/15/2024	0.31	-	0.16	1.5	1.7
3/18/2024	0.47	-	0.49	1.5	1.7
3/20/2024	0.75	-	0.72	1.5	1.7
3/22/2024	0.65	-	0.73	1.5	1.7
3/25/2024	1.03	-	0.99	1.5	1.7
3/27/2024	0.83	-	0.68	1.5	1.7
4/3/2024	0.97	-	0.91	1.5	1.7
4/5/2024	0.98	-	0.93	1.5	1.7
4/8/2024	1.18	-	1.18	1.5	1.7
4/10/2024	0.56	-	0.36	1.5	1.7
4/12/2024	0.87	-	0.86	1.5	1.7
4/15/2024	0.88	-	0.85	1.5	1.7
4/17/2024	1.02	-	1.04	1.5	1.7
4/19/2024	0.18	-	0.1	1.5	1.7
4/22/2024	0.72	-	0.76	1.5	1.7
4/24/2024	0.15	-	0.1	1.5	1.7
4/26/2024	0.89	-	0.85	1.5	1.7
4/29/2024	0.8	-	0.72	1.5	1.7
5/2/2024	0.72	-	0.7	1.5	1.7
5/4/2024	0.73	-	0.71	1.5	1.7
5/6/2024	0.66	-	0.73	1.5	1.7
5/8/2024	0.74	-	0.81	1.5	1.7
5/10/2024	0.54	-	0.37	1.5	1.7
5/14/2024	0.61	-	0.56	1.5	1.7
5/16/2024	0.66	-	0.68	1.5	1.7
5/18/2024	1.03	-	0.46	1.5	1.7
5/20/2024	0.99	-	0.41	1.5	1.7
5/22/2024	0.72	-	0.66	1.5	1.7
5/24/2024	0.73	-	0.66	1.5	1.7
5/27/2024	0.7	-	0.74	1.5	1.7
5/29/2024	0.69	-	0.2	1.5	1.7
5/31/2024	0.45	-	0.37	1.5	1.7



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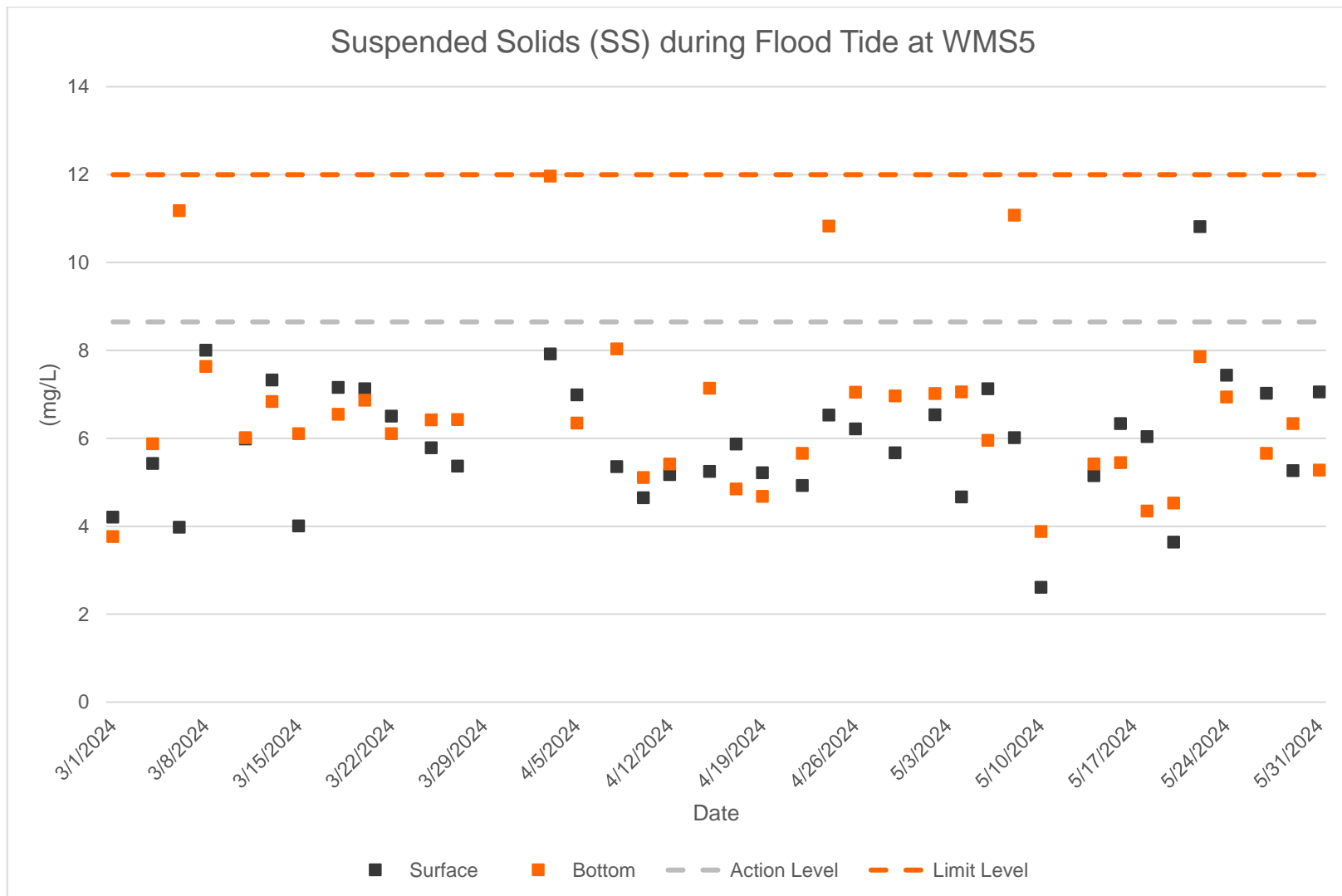
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WMS5 – Suspended Solids (SS) (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	4.21	-	3.77	8.65	12
3/4/2024	5.43	-	5.88	8.65	12
3/6/2024	3.98	-	11.18	8.65	12
3/8/2024	8.01	-	7.64	8.65	12
3/11/2024	5.99	-	6.02	8.65	12
3/13/2024	7.33	-	6.84	8.65	12
3/15/2024	4.01	-	6.11	8.65	12
3/18/2024	7.16	-	6.55	8.65	12
3/20/2024	7.13	-	6.87	8.65	12
3/22/2024	6.51	-	6.11	8.65	12
3/25/2024	5.79	-	6.42	8.65	12
3/27/2024	5.37	-	6.43	8.65	12
4/3/2024	7.92	-	11.97	8.65	12
4/5/2024	6.99	-	6.35	8.65	12
4/8/2024	5.36	-	8.04	8.65	12
4/10/2024	4.65	-	5.11	8.65	12
4/12/2024	5.18	-	5.42	8.65	12
4/15/2024	5.25	-	7.14	8.65	12
4/17/2024	5.87	-	4.85	8.65	12
4/19/2024	5.22	-	4.68	8.65	12
4/22/2024	4.93	-	5.66	8.65	12
4/24/2024	6.53	-	10.83	8.65	12
4/26/2024	6.22	-	7.05	8.65	12
4/29/2024	5.67	-	6.97	8.65	12
5/2/2024	6.54	-	7.02	8.65	12
5/4/2024	4.67	-	7.06	8.65	12
5/6/2024	7.13	-	5.96	8.65	12
5/8/2024	6.02	-	11.08	8.65	12
5/10/2024	2.61	-	3.88	8.65	12
5/14/2024	5.15	-	5.42	8.65	12
5/16/2024	6.34	-	5.45	8.65	12
5/18/2024	6.04	-	4.35	8.65	12
5/20/2024	3.64	-	4.53	8.65	12
5/22/2024	10.82	-	7.86	8.65	12
5/24/2024	7.44	-	6.94	8.65	12
5/27/2024	7.03	-	5.66	8.65	12
5/29/2024	5.27	-	6.34	8.65	12
5/31/2024	7.06	-	5.28	8.65	12



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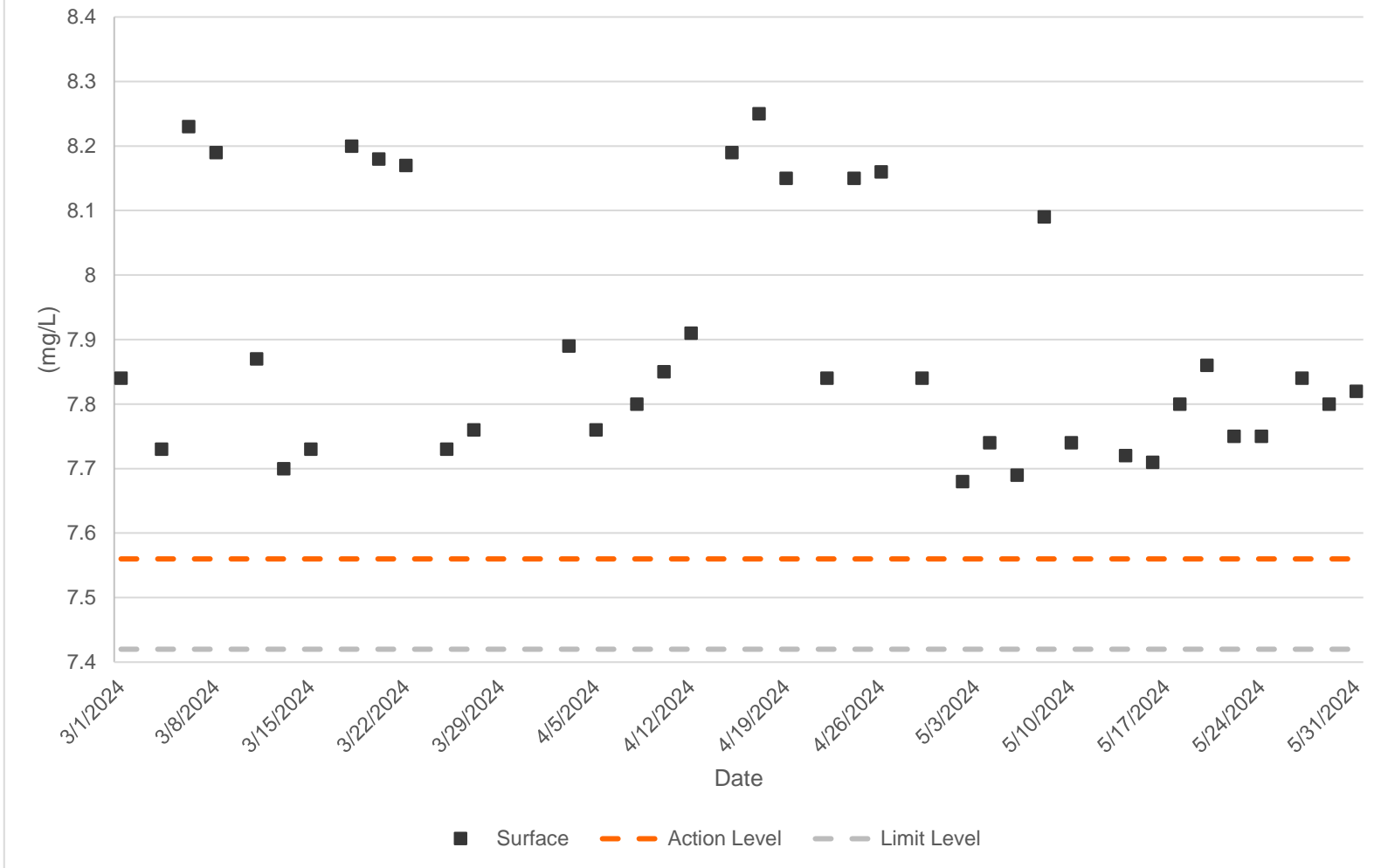
WMS6 – Dissolved Oxygen (DO) (Ebb Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.84	-	7.56	7.42	7.81	7.41	7.37
3/4/2024	7.73	-	7.56	7.42	7.75	7.41	7.37
3/6/2024	8.23	-	7.56	7.42	8.17	7.41	7.37
3/8/2024	8.19	-	7.56	7.42	8.14	7.41	7.37
3/11/2024	7.87	-	7.56	7.42	7.86	7.41	7.37
3/13/2024	7.7	-	7.56	7.42	7.7	7.41	7.37
3/15/2024	7.73	-	7.56	7.42	7.74	7.41	7.37
3/18/2024	8.2	-	7.56	7.42	8.06	7.41	7.37
3/20/2024	8.18	-	7.56	7.42	8.12	7.41	7.37
3/22/2024	8.17	-	7.56	7.42	8.03	7.41	7.37
3/25/2024	7.73	-	7.56	7.42	7.77	7.41	7.37
3/27/2024	7.76	-	7.56	7.42	7.79	7.41	7.37
4/3/2024	7.89	-	7.56	7.42	7.86	7.41	7.37
4/5/2024	7.76	-	7.56	7.42	7.87	7.41	7.37
4/8/2024	7.8	-	7.56	7.42	7.85	7.41	7.37
4/10/2024	7.85	-	7.56	7.42	7.8	7.41	7.37
4/12/2024	7.91	-	7.56	7.42	7.95	7.41	7.37
4/15/2024	8.19	-	7.56	7.42	7.99	7.41	7.37
4/17/2024	8.25	-	7.56	7.42	8.17	7.41	7.37
4/19/2024	8.15	-	7.56	7.42	8.03	7.41	7.37
4/22/2024	7.84	-	7.56	7.42	7.78	7.41	7.37
4/24/2024	8.15	-	7.56	7.42	8.03	7.41	7.37
4/26/2024	8.16	-	7.56	7.42	8.1	7.41	7.37
4/29/2024	7.84	-	7.56	7.42	7.78	7.41	7.37
5/2/2024	7.68	-	7.56	7.42	7.61	7.41	7.37
5/4/2024	7.74	-	7.56	7.42	7.67	7.41	7.37
5/6/2024	7.69	-	7.56	7.42	7.62	7.41	7.37
5/8/2024	8.09	-	7.56	7.42	8.11	7.41	7.37
5/10/2024	7.74	-	7.56	7.42	7.66	7.41	7.37
5/14/2024	7.72	-	7.56	7.42	7.73	7.41	7.37
5/16/2024	7.71	-	7.56	7.42	7.67	7.41	7.37
5/18/2024	7.8	-	7.56	7.42	7.72	7.41	7.37
5/20/2024	7.86	-	7.56	7.42	7.79	7.41	7.37
5/22/2024	7.75	-	7.56	7.42	7.77	7.41	7.37
5/24/2024	7.75	-	7.56	7.42	7.77	7.41	7.37
5/27/2024	7.84	-	7.56	7.42	7.78	7.41	7.37
5/29/2024	7.8	-	7.56	7.42	7.74	7.41	7.37
5/31/2024	7.82	-	7.56	7.42	7.78	7.41	7.37



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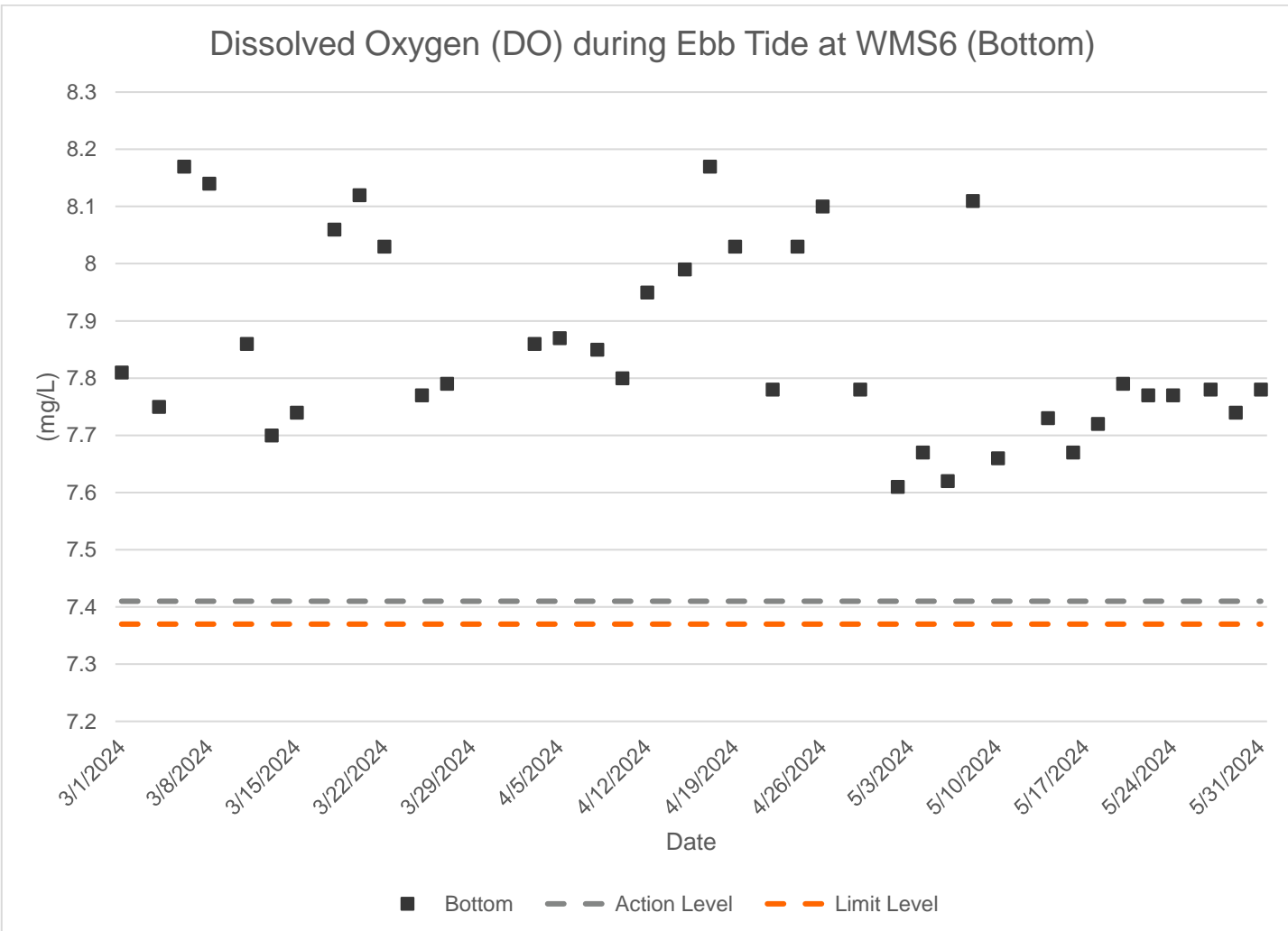
Dissolved Oxygen (DO) during Ebb Tide at WMS6 (Surface)






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Dissolved Oxygen (DO) during Ebb Tide at WMS6 (Bottom)



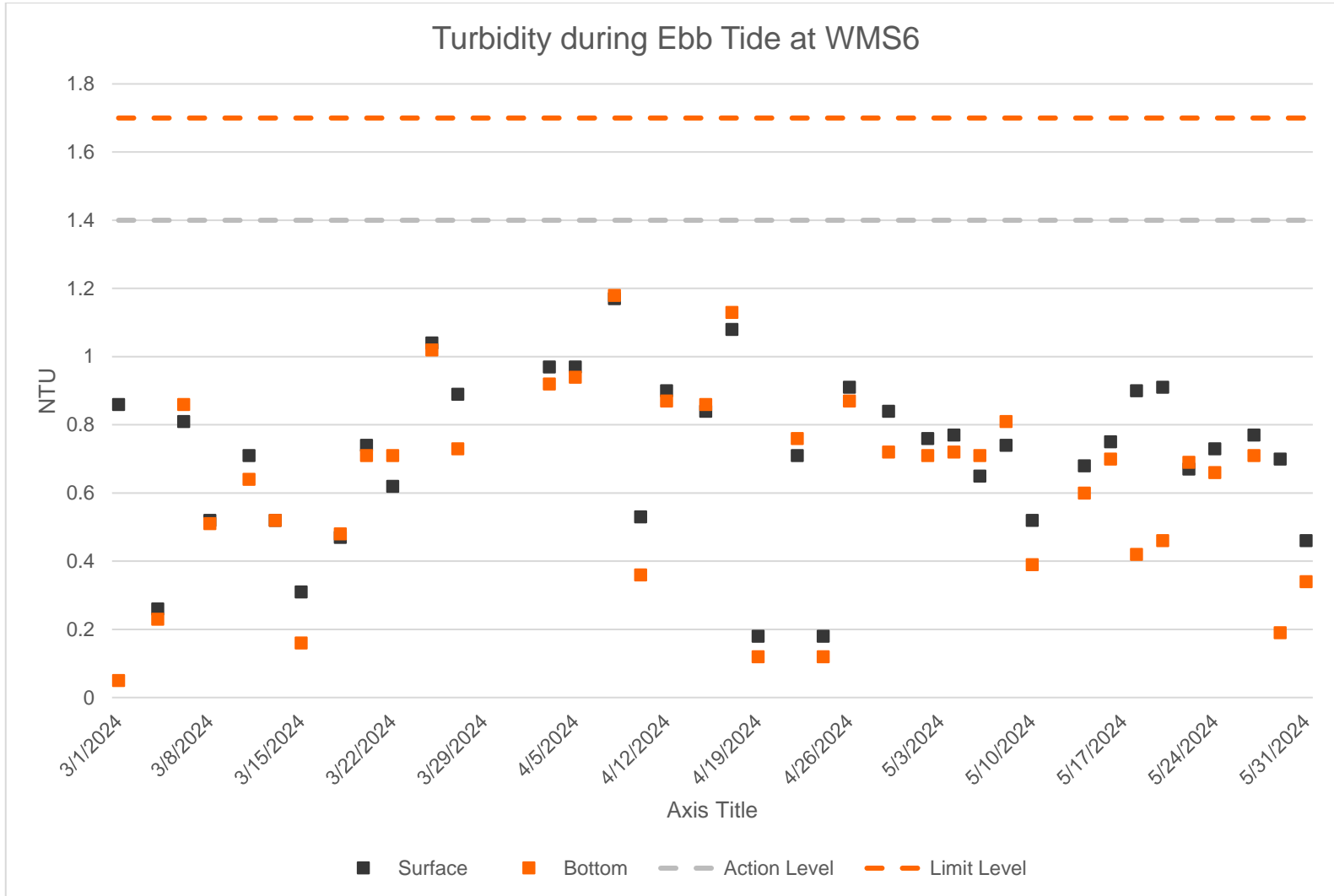
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WMS6 – Turbidity (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.86	-	0.05	1.4	1.7
3/4/2024	0.26	-	0.23	1.4	1.7
3/6/2024	0.81	-	0.86	1.4	1.7
3/8/2024	0.52	-	0.51	1.4	1.7
3/11/2024	0.71	-	0.64	1.4	1.7
3/13/2024	0.52	-	0.52	1.4	1.7
3/15/2024	0.31	-	0.16	1.4	1.7
3/18/2024	0.47	-	0.48	1.4	1.7
3/20/2024	0.74	-	0.71	1.4	1.7
3/22/2024	0.62	-	0.71	1.4	1.7
3/25/2024	1.04	-	1.02	1.4	1.7
3/27/2024	0.89	-	0.73	1.4	1.7
4/3/2024	0.97	-	0.92	1.4	1.7
4/5/2024	0.97	-	0.94	1.4	1.7
4/8/2024	1.17	-	1.18	1.4	1.7
4/10/2024	0.53	-	0.36	1.4	1.7
4/12/2024	0.9	-	0.87	1.4	1.7
4/15/2024	0.84	-	0.86	1.4	1.7
4/17/2024	1.08	-	1.13	1.4	1.7
4/19/2024	0.18	-	0.12	1.4	1.7
4/22/2024	0.71	-	0.76	1.4	1.7
4/24/2024	0.18	-	0.12	1.4	1.7
4/26/2024	0.91	-	0.87	1.4	1.7
4/29/2024	0.84	-	0.72	1.4	1.7
5/2/2024	0.76	-	0.71	1.4	1.7
5/4/2024	0.77	-	0.72	1.4	1.7
5/6/2024	0.65	-	0.71	1.4	1.7
5/8/2024	0.74	-	0.81	1.4	1.7
5/10/2024	0.52	-	0.39	1.4	1.7
5/14/2024	0.68	-	0.6	1.4	1.7
5/16/2024	0.75	-	0.7	1.4	1.7
5/18/2024	0.9	-	0.42	1.4	1.7
5/20/2024	0.91	-	0.46	1.4	1.7
5/22/2024	0.67	-	0.69	1.4	1.7
5/24/2024	0.73	-	0.66	1.4	1.7
5/27/2024	0.77	-	0.71	1.4	1.7
5/29/2024	0.7	-	0.19	1.4	1.7
5/31/2024	0.46	-	0.34	1.4	1.7



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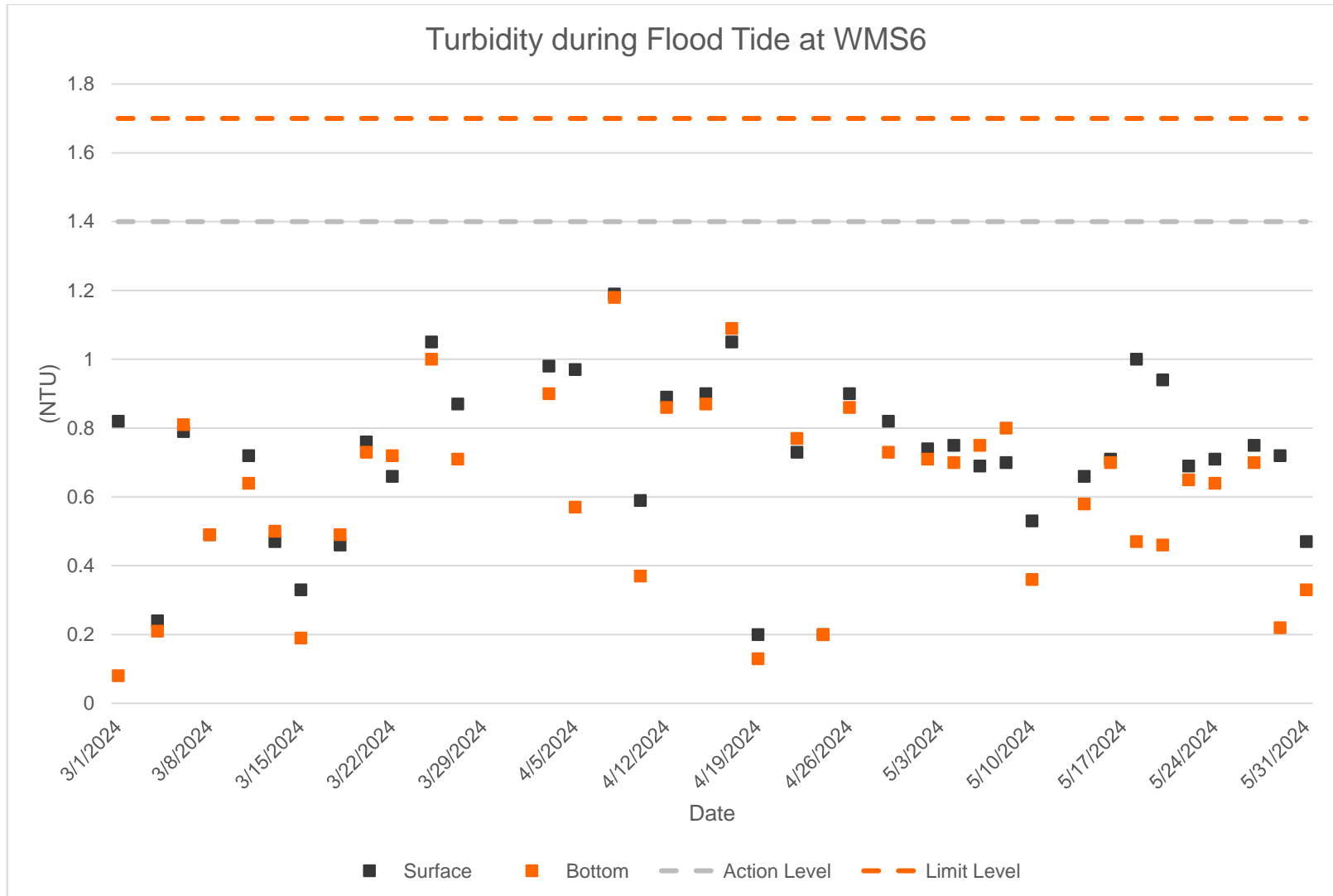
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WMS6 – Suspended Solids (SS) (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.82	-	0.08	1.4	1.7
3/4/2024	0.24	-	0.21	1.4	1.7
3/6/2024	0.79	-	0.81	1.4	1.7
3/8/2024	0.49	-	0.49	1.4	1.7
3/11/2024	0.72	-	0.64	1.4	1.7
3/13/2024	0.47	-	0.5	1.4	1.7
3/15/2024	0.33	-	0.19	1.4	1.7
3/18/2024	0.46	-	0.49	1.4	1.7
3/20/2024	0.76	-	0.73	1.4	1.7
3/22/2024	0.66	-	0.72	1.4	1.7
3/25/2024	1.05	-	1	1.4	1.7
3/27/2024	0.87	-	0.71	1.4	1.7
4/3/2024	0.98	-	0.9	1.4	1.7
4/5/2024	0.97	-	0.57	1.4	1.7
4/8/2024	1.19	-	1.18	1.4	1.7
4/10/2024	0.59	-	0.37	1.4	1.7
4/12/2024	0.89	-	0.86	1.4	1.7
4/15/2024	0.9	-	0.87	1.4	1.7
4/17/2024	1.05	-	1.09	1.4	1.7
4/19/2024	0.2	-	0.13	1.4	1.7
4/22/2024	0.73	-	0.77	1.4	1.7
4/24/2024	0.2	-	0.2	1.4	1.7
4/26/2024	0.9	-	0.86	1.4	1.7
4/29/2024	0.82	-	0.73	1.4	1.7
5/2/2024	0.74	-	0.71	1.4	1.7
5/4/2024	0.75	-	0.7	1.4	1.7
5/6/2024	0.69	-	0.75	1.4	1.7
5/8/2024	0.7	-	0.8	1.4	1.7
5/10/2024	0.53	-	0.36	1.4	1.7
5/14/2024	0.66	-	0.58	1.4	1.7
5/16/2024	0.71	-	0.7	1.4	1.7
5/18/2024	1	-	0.47	1.4	1.7
5/20/2024	0.94	-	0.46	1.4	1.7
5/22/2024	0.69	-	0.65	1.4	1.7
5/24/2024	0.71	-	0.64	1.4	1.7
5/27/2024	0.75	-	0.7	1.4	1.7
5/29/2024	0.72	-	0.22	1.4	1.7
5/31/2024	0.47	-	0.33	1.4	1.7



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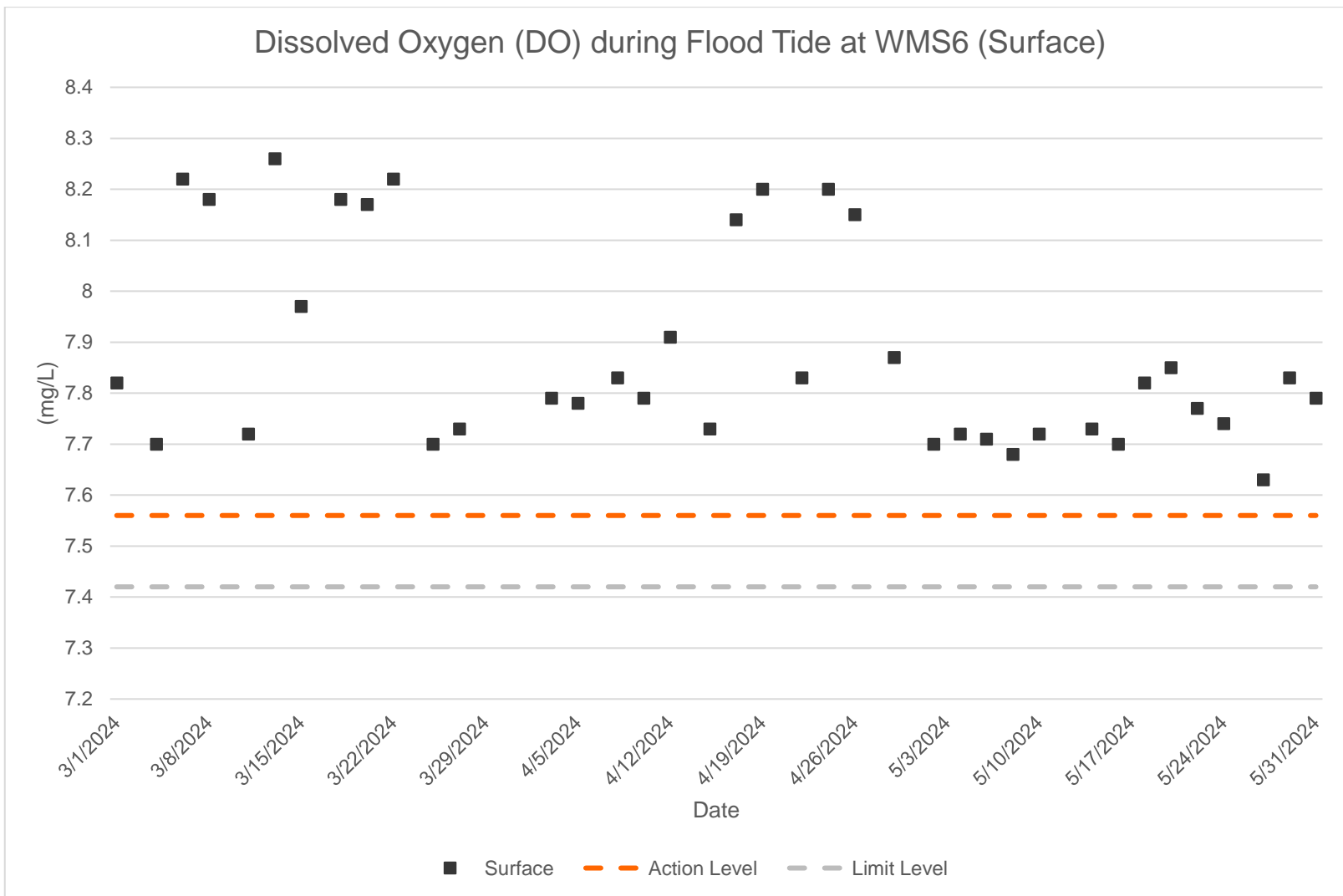
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WMS6 – Dissolved Oxygen (DO) (Flood Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.82	-	7.56	7.42	7.79	7.41	7.37
3/4/2024	7.7	-	7.56	7.42	7.72	7.41	7.37
3/6/2024	8.22	-	7.56	7.42	8.15	7.41	7.37
3/8/2024	8.18	-	7.56	7.42	8.11	7.41	7.37
3/11/2024	7.72	-	7.56	7.42	7.74	7.41	7.37
3/13/2024	8.26	-	7.56	7.42	8.1	7.41	7.37
3/15/2024	7.97	-	7.56	7.42	7.81	7.41	7.37
3/18/2024	8.18	-	7.56	7.42	8.04	7.41	7.37
3/20/2024	8.17	-	7.56	7.42	8.08	7.41	7.37
3/22/2024	8.22	-	7.56	7.42	8.06	7.41	7.37
3/25/2024	7.7	-	7.56	7.42	7.73	7.41	7.37
3/27/2024	7.73	-	7.56	7.42	7.76	7.41	7.37
4/3/2024	7.79	-	7.56	7.42	7.75	7.41	7.37
4/5/2024	7.78	-	7.56	7.42	7.88	7.41	7.37
4/8/2024	7.83	-	7.56	7.42	7.88	7.41	7.37
4/10/2024	7.79	-	7.56	7.42	7.83	7.41	7.37
4/12/2024	7.91	-	7.56	7.42	7.92	7.41	7.37
4/15/2024	7.73	-	7.56	7.42	7.75	7.41	7.37
4/17/2024	8.14	-	7.56	7.42	8.04	7.41	7.37
4/19/2024	8.2	-	7.56	7.42	8.11	7.41	7.37
4/22/2024	7.83	-	7.56	7.42	7.76	7.41	7.37
4/24/2024	8.2	-	7.56	7.42	8.11	7.41	7.37
4/26/2024	8.15	-	7.56	7.42	8.06	7.41	7.37
4/29/2024	7.87	-	7.56	7.42	7.8	7.41	7.37
5/2/2024	7.7	-	7.56	7.42	7.63	7.41	7.37
5/4/2024	7.72	-	7.56	7.42	7.65	7.41	7.37
5/6/2024	7.71	-	7.56	7.42	7.64	7.41	7.37
5/8/2024	7.68	-	7.56	7.42	7.6	7.41	7.37
5/10/2024	7.72	-	7.56	7.42	7.64	7.41	7.37
5/14/2024	7.73	-	7.56	7.42	7.75	7.41	7.37
5/16/2024	7.7	-	7.56	7.42	7.66	7.41	7.37
5/18/2024	7.82	-	7.56	7.42	7.74	7.41	7.37
5/20/2024	7.85	-	7.56	7.42	7.78	7.41	7.37
5/22/2024	7.77	-	7.56	7.42	7.8	7.41	7.37
5/24/2024	7.74	-	7.56	7.42	7.76	7.41	7.37
5/27/2024	7.63	-	7.56	7.42	7.6	7.41	7.37
5/29/2024	7.83	-	7.56	7.42	7.77	7.41	7.37
5/31/2024	7.79	-	7.56	7.42	7.76	7.41	7.37

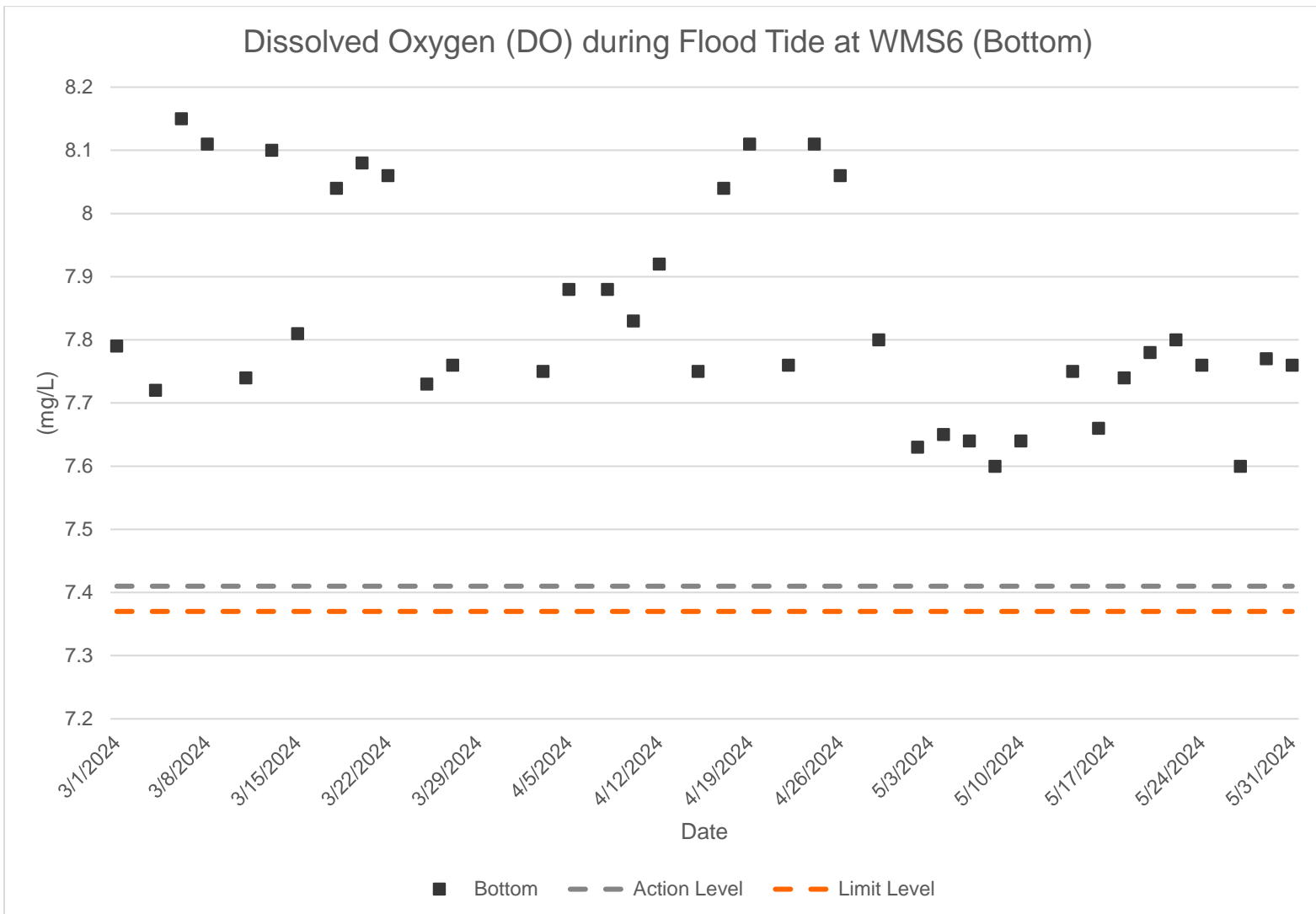



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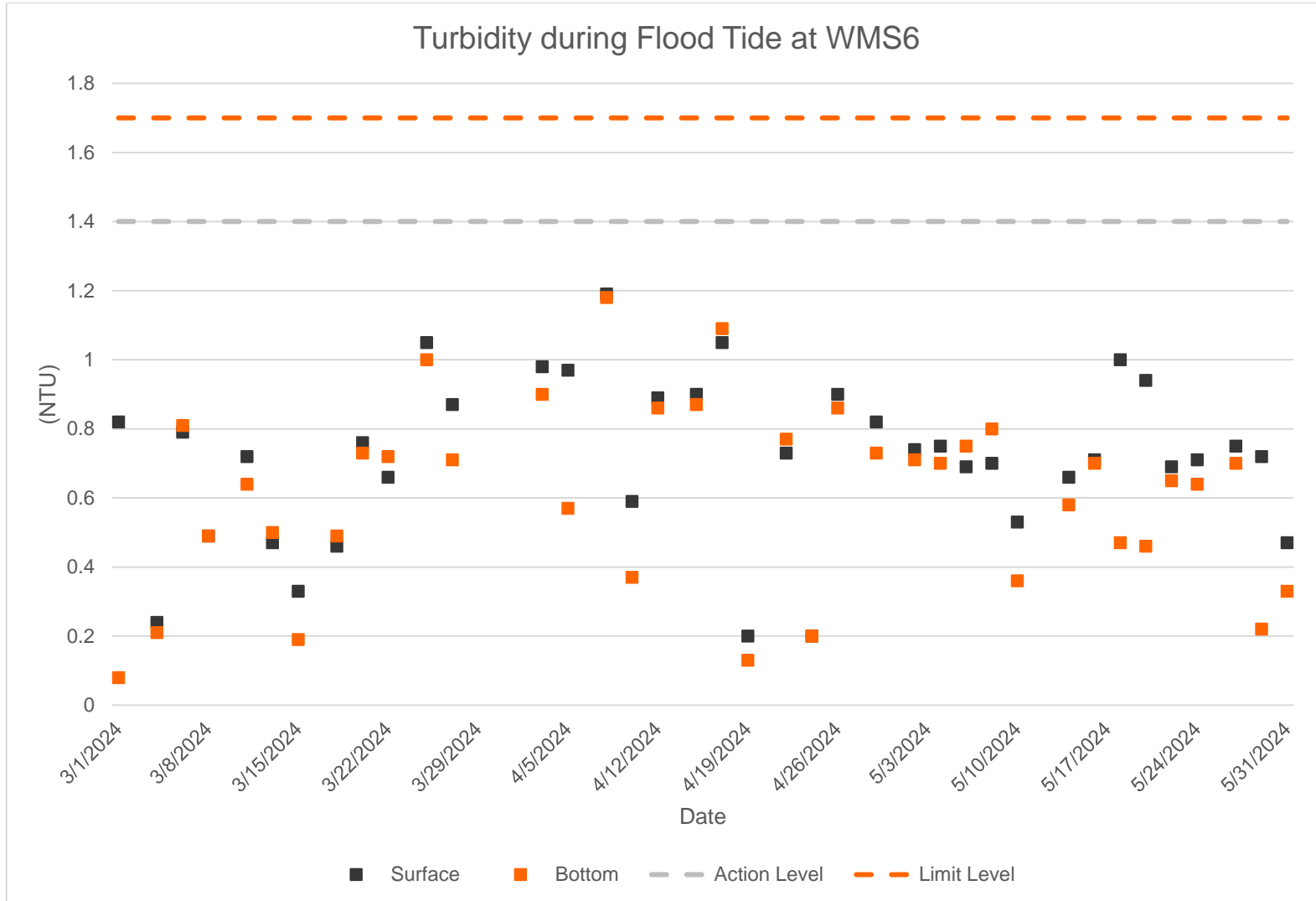
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WMS6 – Turbidity (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.82	-	0.08	1.4	1.7
3/4/2024	0.24	-	0.21	1.4	1.7
3/6/2024	0.79	-	0.81	1.4	1.7
3/8/2024	0.49	-	0.49	1.4	1.7
3/11/2024	0.72	-	0.64	1.4	1.7
3/13/2024	0.47	-	0.5	1.4	1.7
3/15/2024	0.33	-	0.19	1.4	1.7
3/18/2024	0.46	-	0.49	1.4	1.7
3/20/2024	0.76	-	0.73	1.4	1.7
3/22/2024	0.66	-	0.72	1.4	1.7
3/25/2024	1.05	-	1	1.4	1.7
3/27/2024	0.87	-	0.71	1.4	1.7
4/3/2024	0.98	-	0.9	1.4	1.7
4/5/2024	0.97	-	0.57	1.4	1.7
4/8/2024	1.19	-	1.18	1.4	1.7
4/10/2024	0.59	-	0.37	1.4	1.7
4/12/2024	0.89	-	0.86	1.4	1.7
4/15/2024	0.9	-	0.87	1.4	1.7
4/17/2024	1.05	-	1.09	1.4	1.7
4/19/2024	0.2	-	0.13	1.4	1.7
4/22/2024	0.73	-	0.77	1.4	1.7
4/24/2024	0.2	-	0.2	1.4	1.7
4/26/2024	0.9	-	0.86	1.4	1.7
4/29/2024	0.82	-	0.73	1.4	1.7
5/2/2024	0.74	-	0.71	1.4	1.7
5/4/2024	0.75	-	0.7	1.4	1.7
5/6/2024	0.69	-	0.75	1.4	1.7
5/8/2024	0.7	-	0.8	1.4	1.7
5/10/2024	0.53	-	0.36	1.4	1.7
5/14/2024	0.66	-	0.58	1.4	1.7
5/16/2024	0.71	-	0.7	1.4	1.7
5/18/2024	1	-	0.47	1.4	1.7
5/20/2024	0.94	-	0.46	1.4	1.7
5/22/2024	0.69	-	0.65	1.4	1.7
5/24/2024	0.71	-	0.64	1.4	1.7
5/27/2024	0.75	-	0.7	1.4	1.7
5/29/2024	0.72	-	0.22	1.4	1.7
5/31/2024	0.47	-	0.33	1.4	1.7



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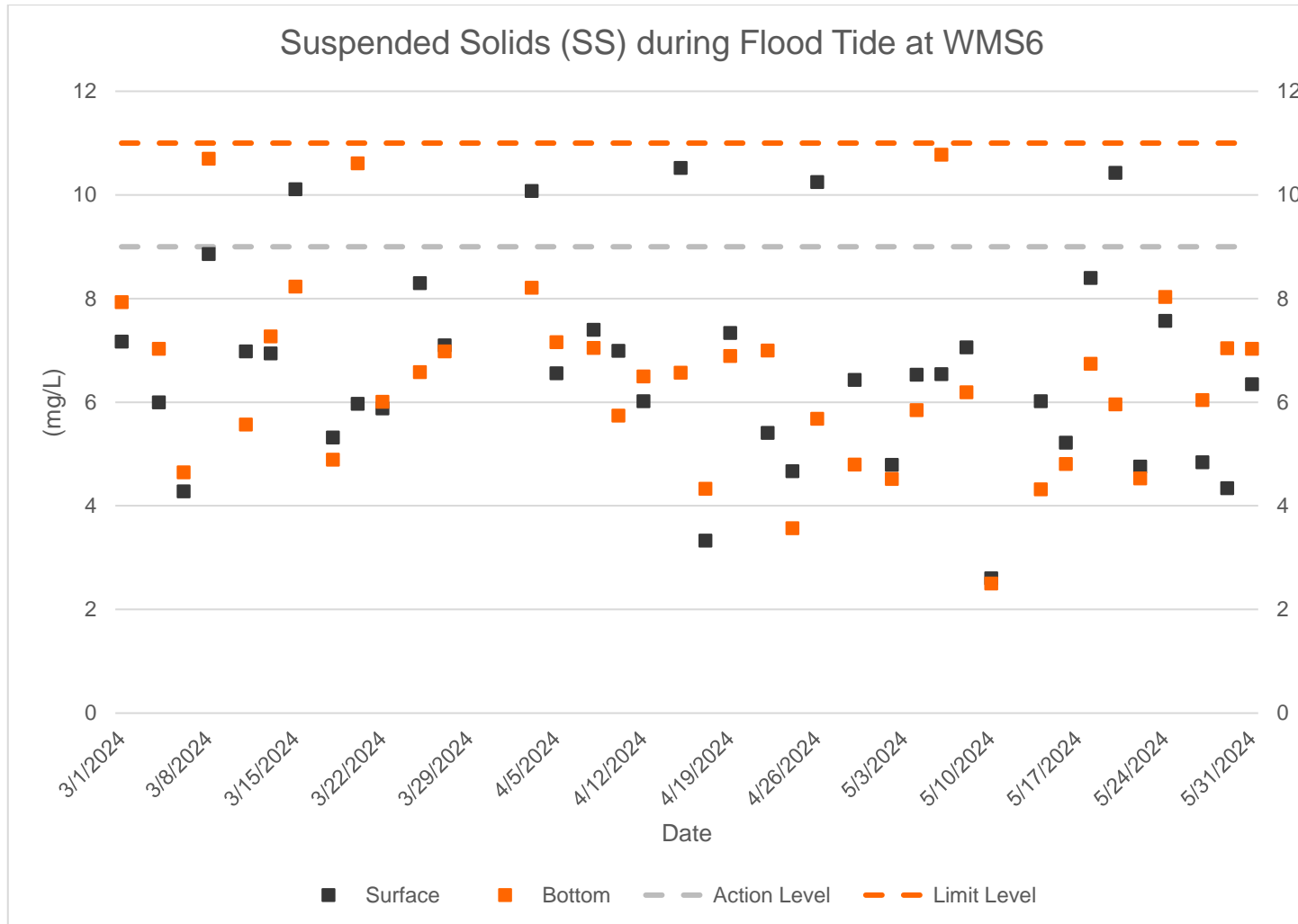
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WMS6 – Suspended Solids (SS) (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	7.17	-	7.93	9	11
3/4/2024	6	-	7.03	9	11
3/6/2024	4.28	-	4.65	9	11
3/8/2024	8.86	-	10.7	9	11
3/11/2024	6.98	-	5.57	9	11
3/13/2024	6.94	-	7.27	9	11
3/15/2024	10.11	-	8.23	9	11
3/18/2024	5.32	-	4.89	9	11
3/20/2024	5.97	-	10.61	9	11
3/22/2024	5.88	-	6.01	9	11
3/25/2024	8.3	-	6.58	9	11
3/27/2024	7.1	-	6.98	9	11
4/3/2024	10.08	-	8.21	9	11
4/5/2024	6.56	-	7.16	9	11
4/8/2024	7.4	-	7.05	9	11
4/10/2024	6.99	-	5.74	9	11
4/12/2024	6.02	-	6.5	9	11
4/15/2024	10.52	-	6.57	9	11
4/17/2024	3.33	-	4.33	9	11
4/19/2024	7.34	-	6.89	9	11
4/22/2024	5.41	-	7	9	11
4/24/2024	4.67	-	3.57	9	11
4/26/2024	10.25	-	5.68	9	11
4/29/2024	6.43	-	4.8	9	11
5/2/2024	4.79	-	4.52	9	11
5/4/2024	6.53	-	5.85	9	11
5/6/2024	6.54	-	10.78	9	11
5/8/2024	7.06	-	6.19	9	11
5/10/2024	2.6	-	2.5	9	11
5/14/2024	6.02	-	4.32	9	11
5/16/2024	5.22	-	4.81	9	11
5/18/2024	8.4	-	6.74	9	11
5/20/2024	10.43	-	5.96	9	11
5/22/2024	4.76	-	4.53	9	11
5/24/2024	7.57	-	8.03	9	11
5/27/2024	4.84	-	6.04	9	11
5/29/2024	4.34	-	7.04	9	11
5/31/2024	6.35	-	7.03	9	11



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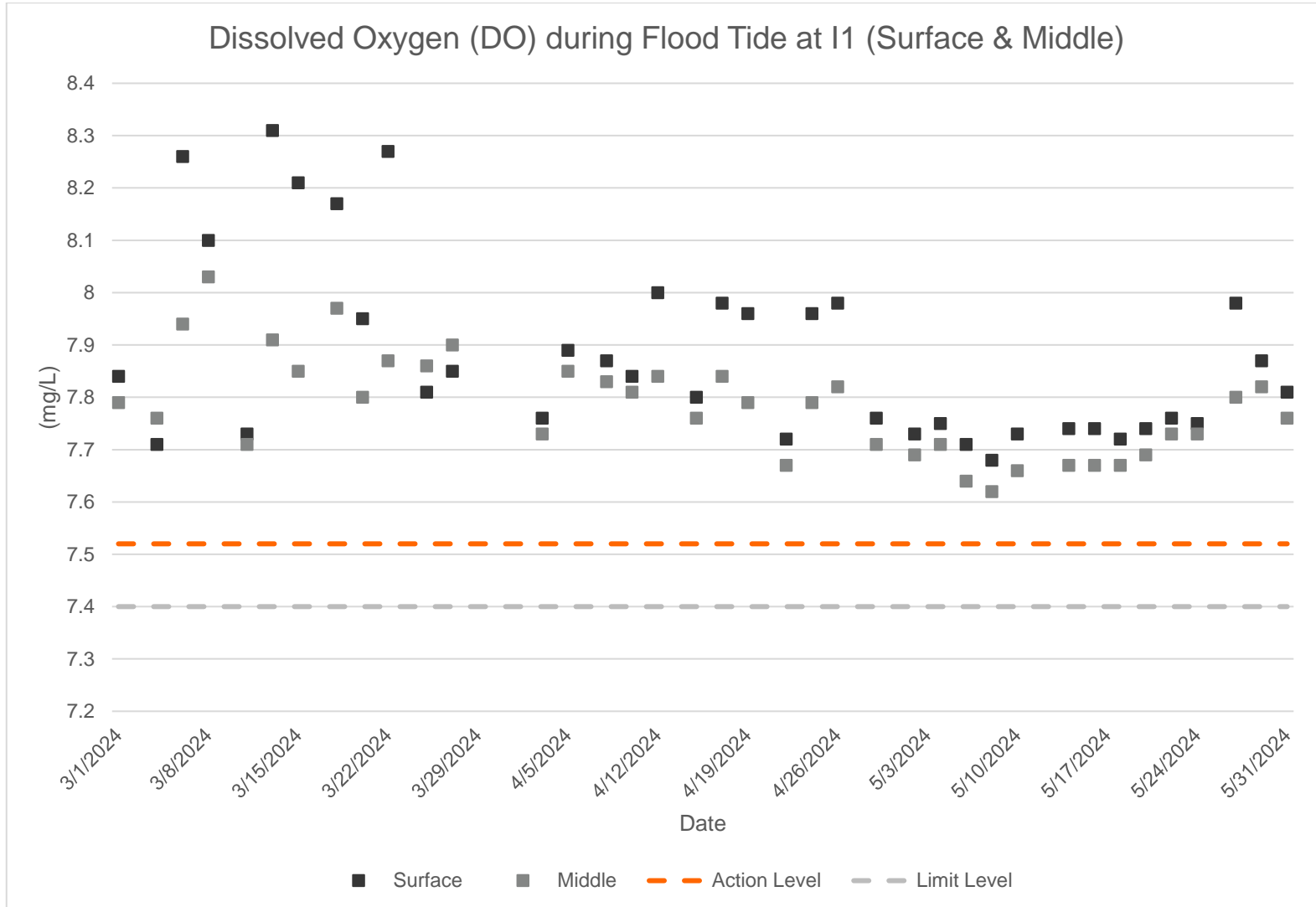
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11 – Dissolved Oxygen (DO) (Flood Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.84	7.79	7.52	7.4	7.75	7.5	7.44
3/4/2024	7.71	7.76	7.52	7.4	7.88	7.5	7.44
3/6/2024	8.26	7.94	7.52	7.4	7.79	7.5	7.44
3/8/2024	8.1	8.03	7.52	7.4	8	7.5	7.44
3/11/2024	7.73	7.71	7.52	7.4	7.68	7.5	7.44
3/13/2024	8.31	7.91	7.52	7.4	7.76	7.5	7.44
3/15/2024	8.21	7.85	7.52	7.4	7.74	7.5	7.44
3/18/2024	8.17	7.97	7.52	7.4	7.76	7.5	7.44
3/20/2024	7.95	7.8	7.52	7.4	7.73	7.5	7.44
3/22/2024	8.27	7.87	7.52	7.4	7.72	7.5	7.44
3/25/2024	7.81	7.86	7.52	7.4	7.89	7.5	7.44
3/27/2024	7.85	7.9	7.52	7.4	7.93	7.5	7.44
4/3/2024	7.76	7.73	7.52	7.4	7.7	7.5	7.44
4/5/2024	7.89	7.85	7.52	7.4	7.63	7.5	7.44
4/8/2024	7.87	7.83	7.52	7.4	7.69	7.5	7.44
4/10/2024	7.84	7.81	7.52	7.4	7.67	7.5	7.44
4/12/2024	8	7.84	7.52	7.4	7.79	7.5	7.44
4/15/2024	7.8	7.76	7.52	7.4	7.71	7.5	7.44
4/17/2024	7.98	7.84	7.52	7.4	7.78	7.5	7.44
4/19/2024	7.96	7.79	7.52	7.4	7.73	7.5	7.44
4/22/2024	7.72	7.67	7.52	7.4	7.63	7.5	7.44
4/24/2024	7.96	7.79	7.52	7.4	7.73	7.5	7.44
4/26/2024	7.98	7.82	7.52	7.4	7.77	7.5	7.44
4/29/2024	7.76	7.71	7.52	7.4	7.67	7.5	7.44
5/2/2024	7.73	7.69	7.52	7.4	7.64	7.5	7.44
5/4/2024	7.75	7.71	7.52	7.4	7.66	7.5	7.44
5/6/2024	7.71	7.64	7.52	7.4	7.6	7.5	7.44
5/8/2024	7.68	7.62	7.52	7.4	7.57	7.5	7.44
5/10/2024	7.73	7.66	7.52	7.4	7.62	7.5	7.44
5/14/2024	7.74	7.67	7.52	7.4	7.63	7.5	7.44
5/16/2024	7.74	7.67	7.52	7.4	7.63	7.5	7.44
5/18/2024	7.72	7.67	7.52	7.4	7.64	7.5	7.44
5/20/2024	7.74	7.69	7.52	7.4	7.65	7.5	7.44
5/22/2024	7.76	7.73	7.52	7.4	7.68	7.5	7.44
5/24/2024	7.75	7.73	7.52	7.4	7.65	7.5	7.44
5/27/2024	7.98	7.8	7.52	7.4	7.63	7.5	7.44
5/29/2024	7.87	7.82	7.52	7.4	7.77	7.5	7.44
5/31/2024	7.81	7.76	7.52	7.4	7.72	7.5	7.44

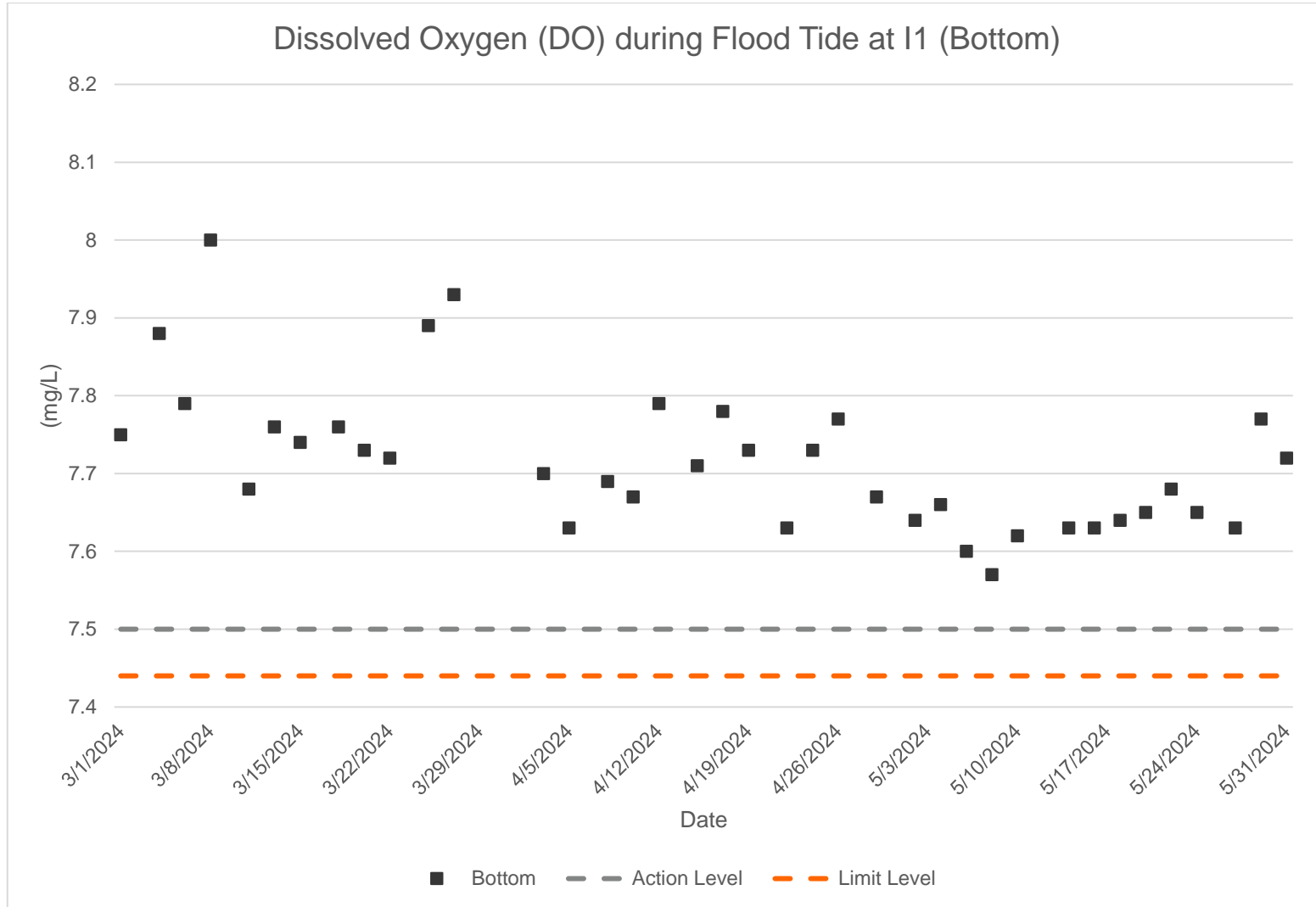



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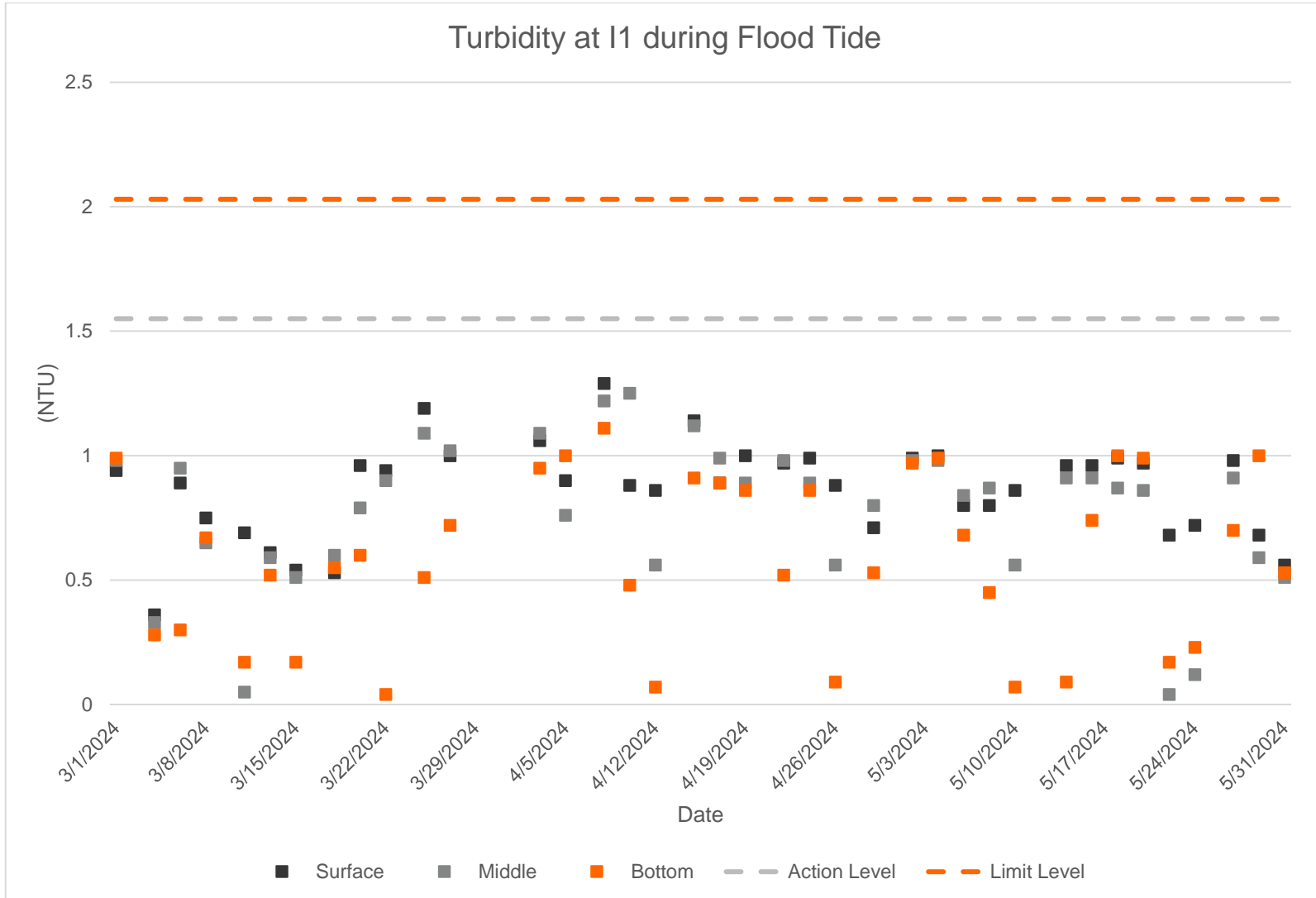
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11 – Turbidity (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.94	0.98	0.99	1.55	2.03
3/4/2024	0.36	0.33	0.28	1.55	2.03
3/6/2024	0.89	0.95	0.3	1.55	2.03
3/8/2024	0.75	0.65	0.67	1.55	2.03
3/11/2024	0.69	0.05	0.17	1.55	2.03
3/13/2024	0.61	0.59	0.52	1.55	2.03
3/15/2024	0.54	0.51	0.17	1.55	2.03
3/18/2024	0.53	0.6	0.55	1.55	2.03
3/20/2024	0.96	0.79	0.6	1.55	2.03
3/22/2024	0.94	0.9	0.04	1.55	2.03
3/25/2024	1.19	1.09	0.51	1.55	2.03
3/27/2024	1	1.02	0.72	1.55	2.03
4/3/2024	1.06	1.09	0.95	1.55	2.03
4/5/2024	0.9	0.76	1	1.55	2.03
4/8/2024	1.29	1.22	1.11	1.55	2.03
4/10/2024	0.88	1.25	0.48	1.55	2.03
4/12/2024	0.86	0.56	0.07	1.55	2.03
4/15/2024	1.14	1.12	0.91	1.55	2.03
4/17/2024	0.89	0.99	0.89	1.55	2.03
4/19/2024	1	0.89	0.86	1.55	2.03
4/22/2024	0.97	0.98	0.52	1.55	2.03
4/24/2024	0.99	0.89	0.86	1.55	2.03
4/26/2024	0.88	0.56	0.09	1.55	2.03
4/29/2024	0.71	0.8	0.53	1.55	2.03
5/2/2024	0.99	0.98	0.97	1.55	2.03
5/4/2024	1	0.98	0.99	1.55	2.03
5/6/2024	0.8	0.84	0.68	1.55	2.03
5/8/2024	0.8	0.87	0.45	1.55	2.03
5/10/2024	0.86	0.56	0.07	1.55	2.03
5/14/2024	0.96	0.91	0.09	1.55	2.03
5/16/2024	0.96	0.91	0.74	1.55	2.03
5/18/2024	0.99	0.87	1	1.55	2.03
5/20/2024	0.97	0.86	0.99	1.55	2.03
5/22/2024	0.68	0.04	0.17	1.55	2.03
5/24/2024	0.72	0.12	0.23	1.55	2.03
5/27/2024	0.98	0.91	0.7	1.55	2.03
5/29/2024	0.68	0.59	1	1.55	2.03
5/31/2024	0.56	0.51	0.53	1.55	2.03



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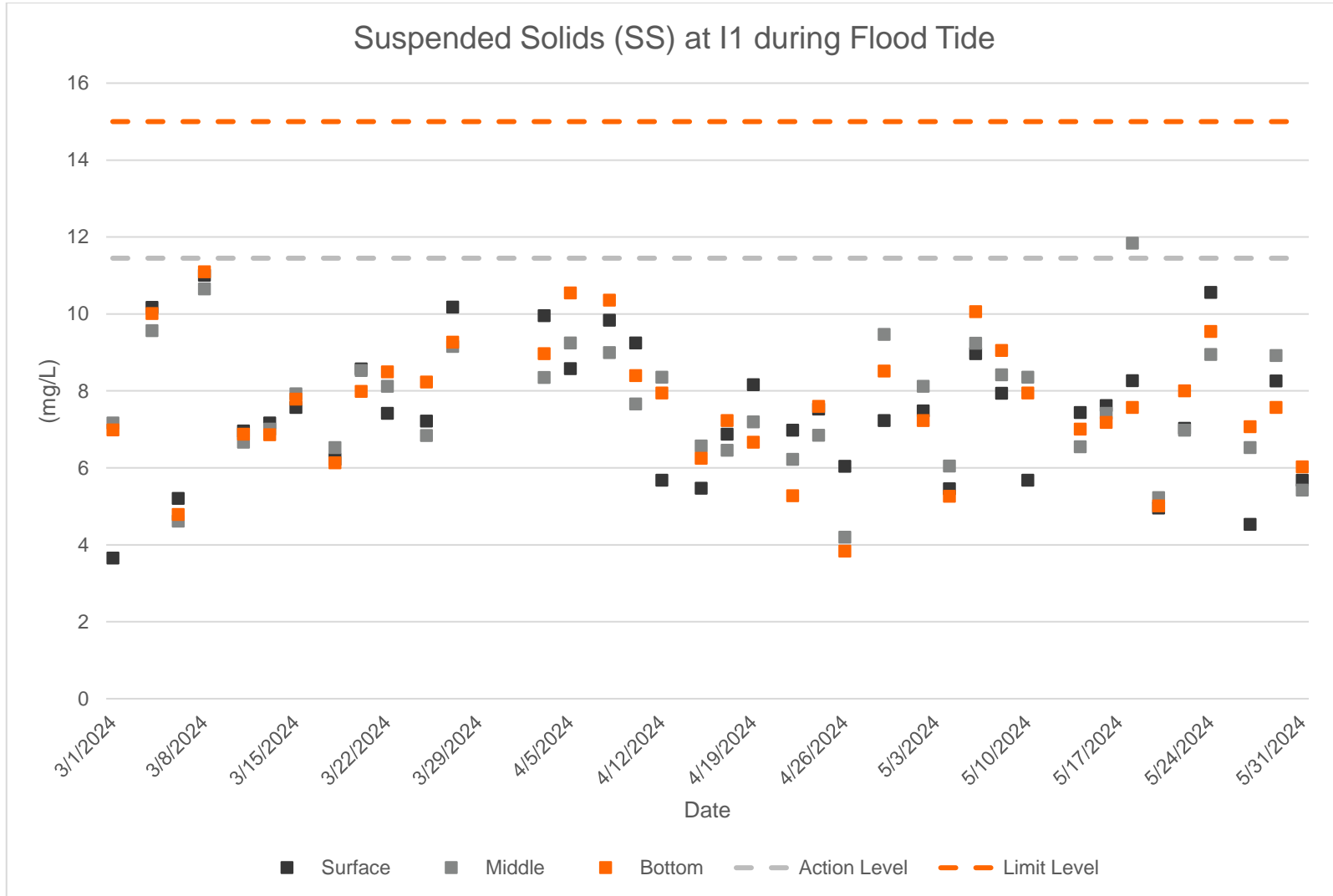
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11 – Suspended Solids (SS) (Flood Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	3.66	7.17	6.99	11.45	15
3/4/2024	10.17	9.57	10.01	11.45	15
3/6/2024	5.21	4.62	4.79	11.45	15
3/8/2024	11.01	10.65	11.1	11.45	15
3/11/2024	6.96	6.67	6.88	11.45	15
3/13/2024	7.17	7.01	6.86	11.45	15
3/15/2024	7.57	7.93	7.79	11.45	15
3/18/2024	6.22	6.53	6.13	11.45	15
3/20/2024	8.57	8.53	7.99	11.45	15
3/22/2024	7.42	8.12	8.5	11.45	15
3/25/2024	7.22	6.84	8.23	11.45	15
3/27/2024	10.18	9.16	9.27	11.45	15
4/3/2024	9.96	8.35	8.97	11.45	15
4/5/2024	8.58	9.25	10.55	11.45	15
4/8/2024	9.84	9	10.36	11.45	15
4/10/2024	9.25	7.66	8.4	11.45	15
4/12/2024	5.68	8.36	7.95	11.45	15
4/15/2024	5.47	6.57	6.25	11.45	15
4/17/2024	6.88	6.46	7.23	11.45	15
4/19/2024	8.16	7.2	6.67	11.45	15
4/22/2024	6.98	6.22	5.28	11.45	15
4/24/2024	7.53	6.85	7.6	11.45	15
4/26/2024	6.04	4.2	3.84	11.45	15
4/29/2024	7.23	9.47	8.52	11.45	15
5/2/2024	7.48	8.12	7.23	11.45	15
5/4/2024	5.46	6.05	5.26	11.45	15
5/6/2024	8.97	9.24	10.06	11.45	15
5/8/2024	7.94	8.42	9.05	11.45	15
5/10/2024	5.68	8.36	7.95	11.45	15
5/14/2024	7.44	6.55	7.01	11.45	15
5/16/2024	7.62	7.42	7.18	11.45	15
5/18/2024	8.27	11.84	7.57	11.45	15
5/20/2024	4.96	5.23	5.01	11.45	15
5/22/2024	7.03	6.98	8	11.45	15
5/24/2024	10.56	8.95	9.55	11.45	15
5/27/2024	4.53	6.53	7.07	11.45	15
5/29/2024	8.26	8.92	7.57	11.45	15
5/31/2024	5.68	5.42	6.03	11.45	15



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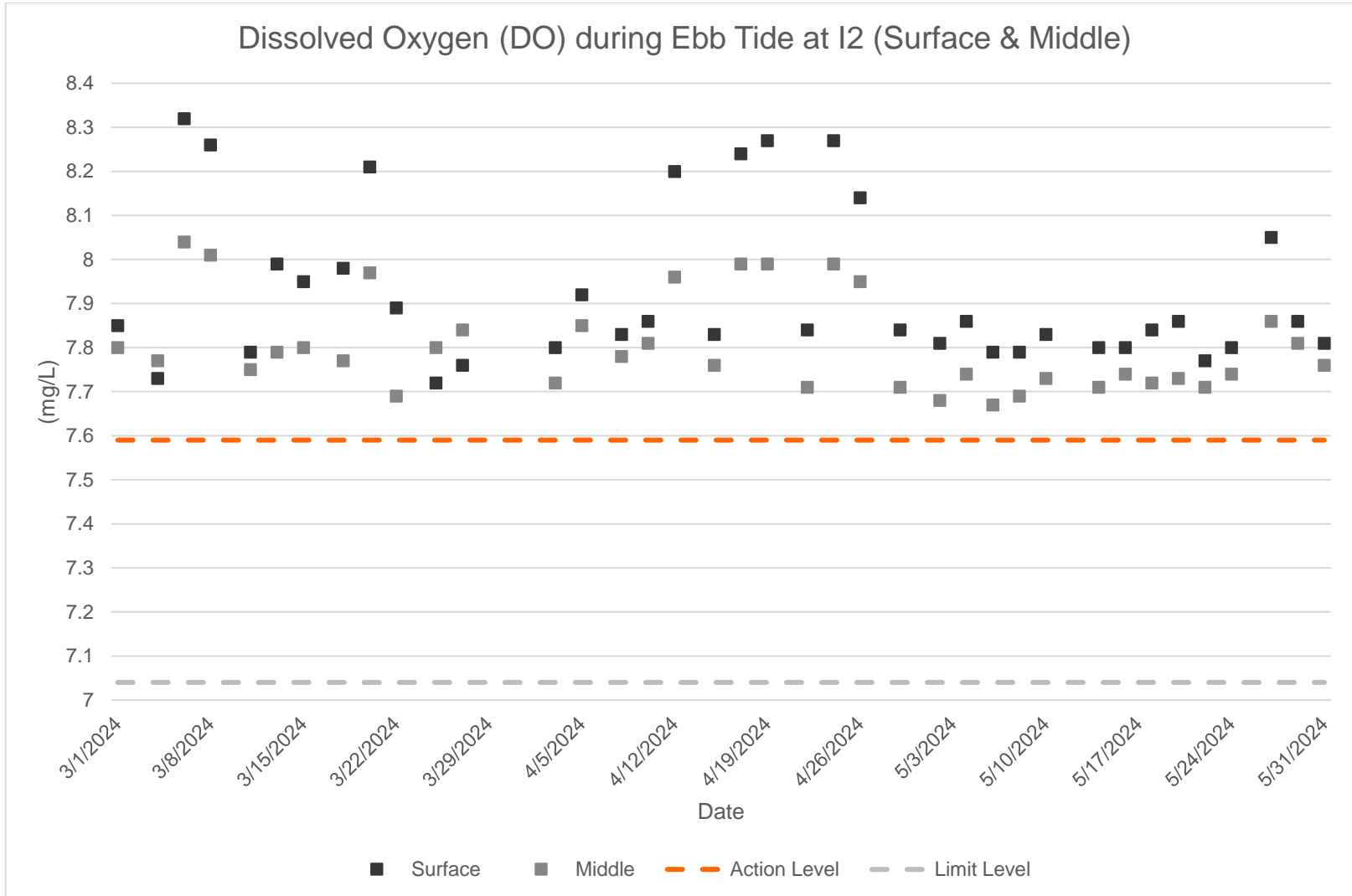
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I2 – Dissolved Oxygen (DO) (Ebb Tide)

	Surface	Middle	Action Level	Limit Level	Bottom	Action Level	Limit Level
3/1/2024	7.85	7.8	7.59	7.04	7.82	7.53	7.51
3/4/2024	7.73	7.77	7.59	7.04	7.94	7.53	7.51
3/6/2024	8.32	8.04	7.59	7.04	7.84	7.53	7.51
3/8/2024	8.26	8.01	7.59	7.04	7.82	7.53	7.51
3/11/2024	7.79	7.75	7.59	7.04	7.71	7.53	7.51
3/13/2024	7.99	7.79	7.59	7.04	7.74	7.53	7.51
3/15/2024	7.95	7.8	7.59	7.04	7.71	7.53	7.51
3/18/2024	7.98	7.77	7.59	7.04	7.72	7.53	7.51
3/20/2024	8.21	7.97	7.59	7.04	7.75	7.53	7.51
3/22/2024	7.89	7.69	7.59	7.04	7.64	7.53	7.51
3/25/2024	7.72	7.8	7.59	7.04	7.88	7.53	7.51
3/27/2024	7.76	7.84	7.59	7.04	7.92	7.53	7.51
4/3/2024	7.8	7.72	7.59	7.04	7.75	7.53	7.51
4/5/2024	7.92	7.85	7.59	7.04	7.73	7.53	7.51
4/8/2024	7.83	7.78	7.59	7.04	7.71	7.53	7.51
4/10/2024	7.86	7.81	7.59	7.04	7.75	7.53	7.51
4/12/2024	8.2	7.96	7.59	7.04	7.75	7.53	7.51
4/15/2024	7.83	7.76	7.59	7.04	7.73	7.53	7.51
4/17/2024	8.24	7.99	7.59	7.04	7.79	7.53	7.51
4/19/2024	8.27	7.99	7.59	7.04	7.79	7.53	7.51
4/22/2024	7.84	7.71	7.59	7.04	7.66	7.53	7.51
4/24/2024	8.27	7.99	7.59	7.04	7.79	7.53	7.51
4/26/2024	8.14	7.95	7.59	7.04	7.73	7.53	7.51
4/29/2024	7.84	7.71	7.59	7.04	7.63	7.53	7.51
5/2/2024	7.81	7.68	7.59	7.04	7.61	7.53	7.51
5/4/2024	7.86	7.74	7.59	7.04	7.67	7.53	7.51
5/6/2024	7.79	7.67	7.59	7.04	7.61	7.53	7.51
5/8/2024	7.79	7.69	7.59	7.04	7.64	7.53	7.51
5/10/2024	7.83	7.73	7.59	7.04	7.68	7.53	7.51
5/14/2024	7.8	7.71	7.59	7.04	7.66	7.53	7.51
5/16/2024	7.8	7.74	7.59	7.04	7.69	7.53	7.51
5/18/2024	7.84	7.72	7.59	7.04	7.63	7.53	7.51
5/20/2024	7.86	7.73	7.59	7.04	7.65	7.53	7.51
5/22/2024	7.77	7.71	7.59	7.04	7.68	7.53	7.51
5/24/2024	7.8	7.74	7.59	7.04	7.71	7.53	7.51
5/27/2024	8.05	7.86	7.59	7.04	7.67	7.53	7.51
5/29/2024	7.86	7.81	7.59	7.04	7.74	7.53	7.51
5/31/2024	7.81	7.76	7.59	7.04	7.78	7.53	7.51

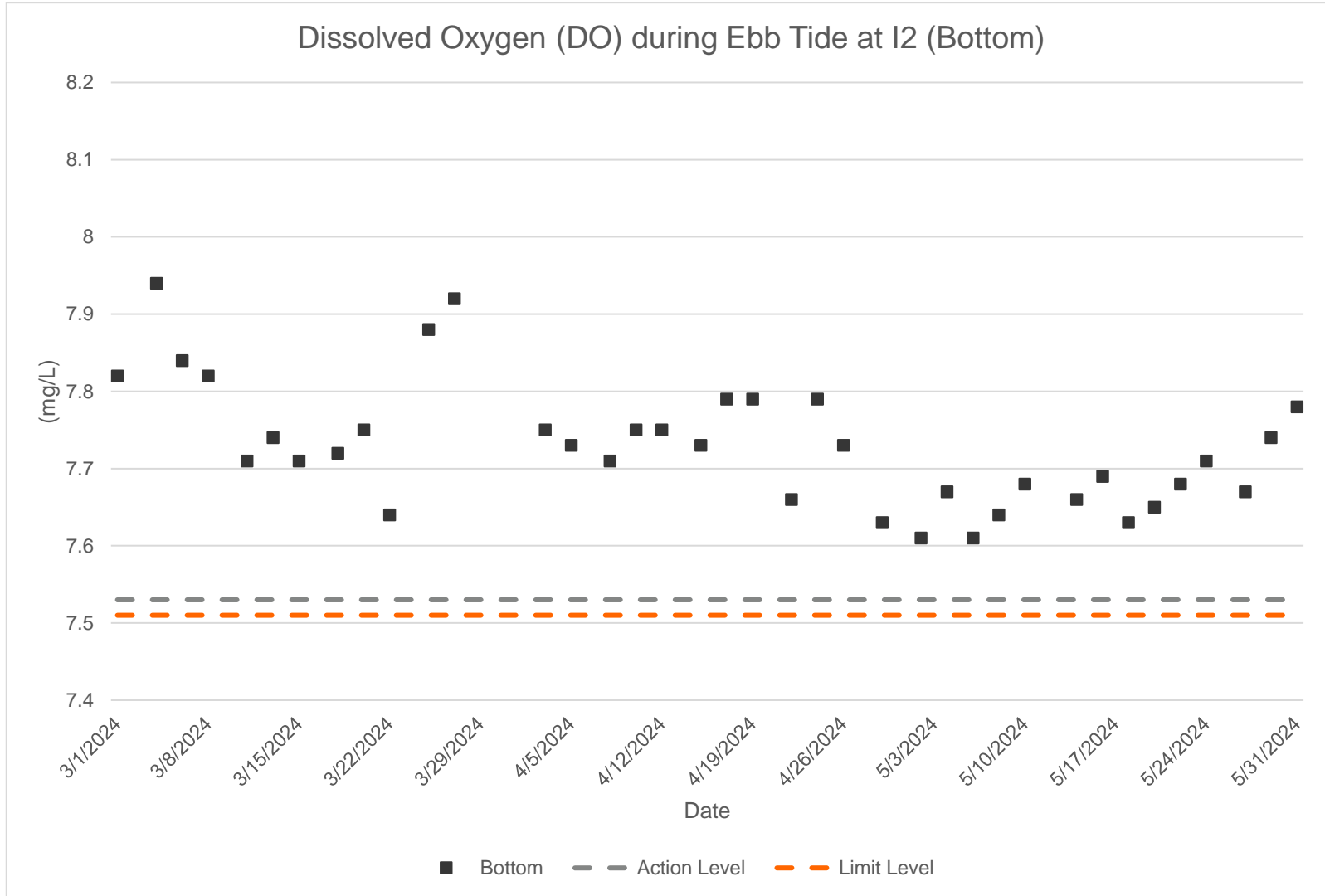



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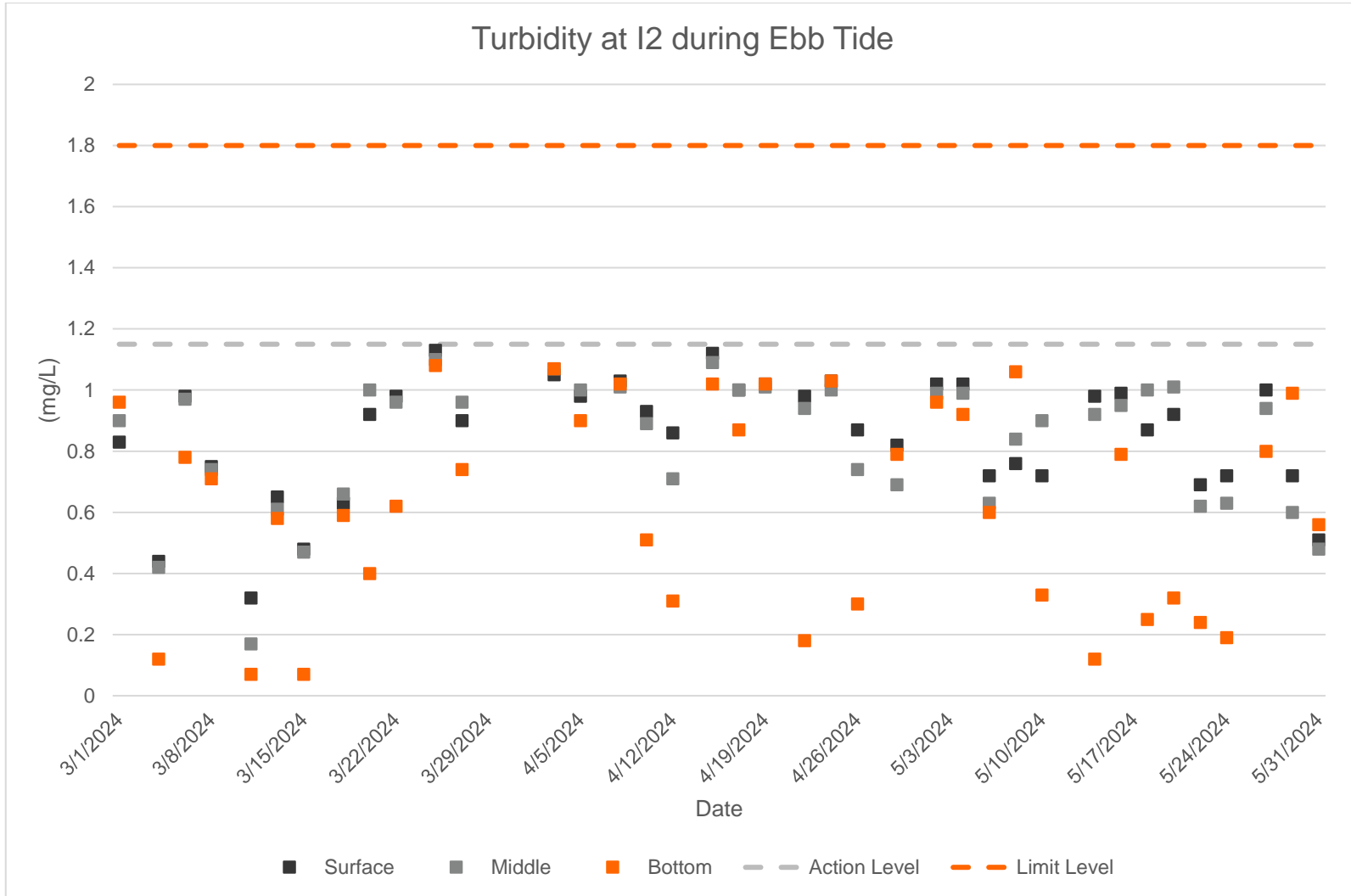
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I2 – Turbidity (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	0.83	0.9	0.96	1.15	1.8
3/4/2024	0.44	0.42	0.12	1.15	1.8
3/6/2024	0.98	0.97	0.78	1.15	1.8
3/8/2024	0.75	0.74	0.71	1.15	1.8
3/11/2024	0.32	0.17	0.07	1.15	1.8
3/13/2024	0.65	0.61	0.58	1.15	1.8
3/15/2024	0.48	0.47	0.07	1.15	1.8
3/18/2024	0.63	0.66	0.59	1.15	1.8
3/20/2024	0.92	1	0.4	1.15	1.8
3/22/2024	0.98	0.96	0.62	1.15	1.8
3/25/2024	1.13	1.1	1.08	1.15	1.8
3/27/2024	0.9	0.96	0.74	1.15	1.8
4/3/2024	1.05	1.07	1.07	1.15	1.8
4/5/2024	0.98	1	0.9	1.15	1.8
4/8/2024	1.03	1.01	1.02	1.15	1.8
4/10/2024	0.93	0.89	0.51	1.15	1.8
4/12/2024	0.86	0.71	0.31	1.15	1.8
4/15/2024	1.12	1.09	1.02	1.15	1.8
4/17/2024	1	1	0.87	1.15	1.8
4/19/2024	1.02	1.01	1.02	1.15	1.8
4/22/2024	0.98	0.94	0.18	1.15	1.8
4/24/2024	1.03	1	1.03	1.15	1.8
4/26/2024	0.87	0.74	0.3	1.15	1.8
4/29/2024	0.82	0.69	0.79	1.15	1.8
5/2/2024	1.02	0.99	0.96	1.15	1.8
5/4/2024	1.02	0.99	0.92	1.15	1.8
5/6/2024	0.72	0.63	0.6	1.15	1.8
5/8/2024	0.76	0.84	1.06	1.15	1.8
5/10/2024	0.72	0.9	0.33	1.15	1.8
5/14/2024	0.98	0.92	0.12	1.15	1.8
5/16/2024	0.99	0.95	0.79	1.15	1.8
5/18/2024	0.87	1	0.25	1.15	1.8
5/20/2024	0.92	1.01	0.32	1.15	1.8
5/22/2024	0.69	0.62	0.24	1.15	1.8
5/24/2024	0.72	0.63	0.19	1.15	1.8
5/27/2024	1	0.94	0.8	1.15	1.8
5/29/2024	0.72	0.6	0.99	1.15	1.8
5/31/2024	0.51	0.48	0.56	1.15	1.8



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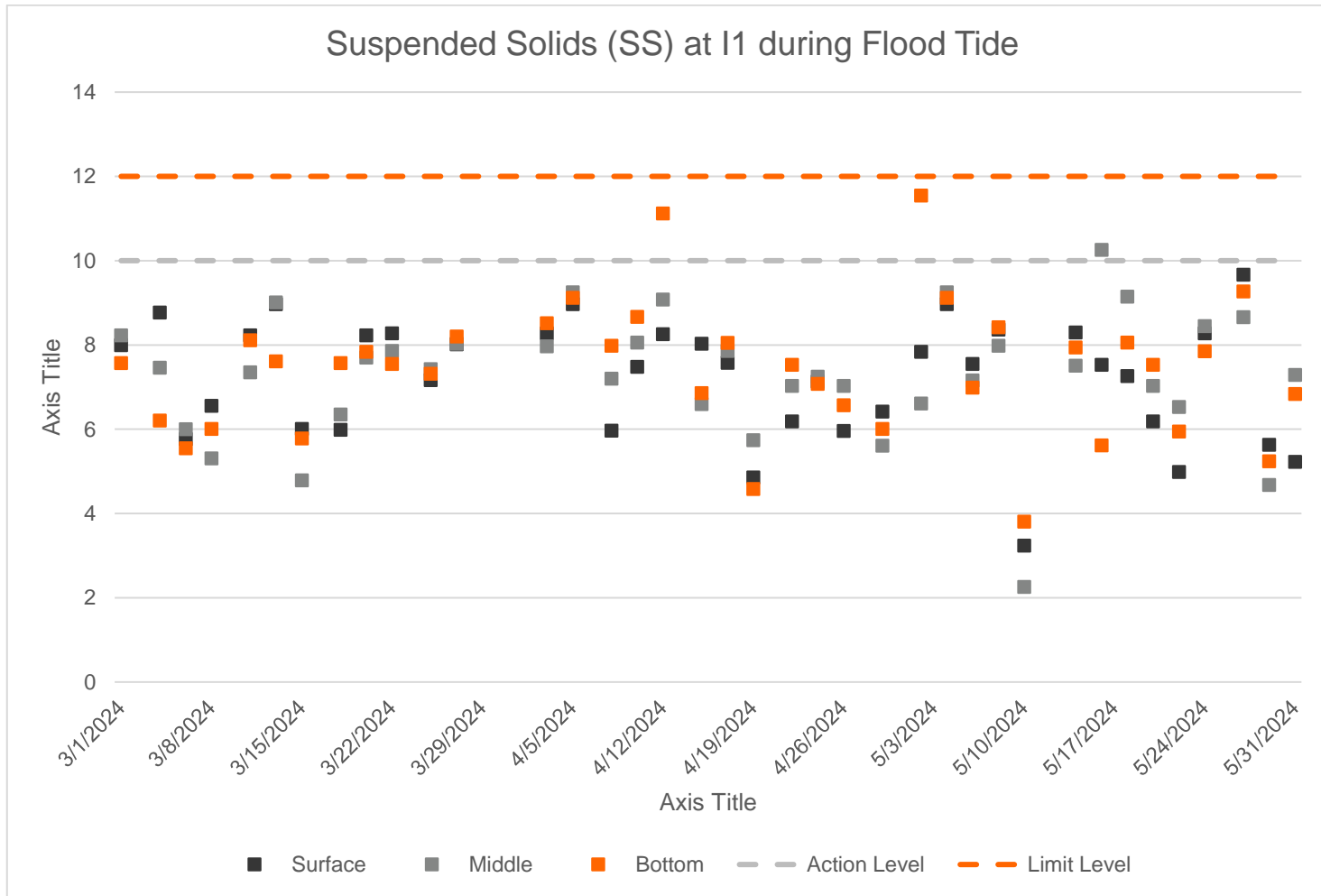
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I2 – Suspended Solids (SS) (Ebb Tide)

	Surface	Middle	Bottom	Action Level	Limit Level
3/1/2024	8	8.23	7.57	10	12
3/4/2024	8.77	7.46	6.21	10	12
3/6/2024	5.77	6	5.55	10	12
3/8/2024	6.56	5.31	6.01	10	12
3/11/2024	8.23	7.35	8.11	10	12
3/13/2024	8.97	9.01	7.61	10	12
3/15/2024	6.01	4.79	5.78	10	12
3/18/2024	5.99	6.35	7.57	10	12
3/20/2024	8.23	7.7	7.84	10	12
3/22/2024	8.28	7.86	7.55	10	12
3/25/2024	7.17	7.43	7.32	10	12
3/27/2024	8.02	8.03	8.2	10	12
4/3/2024	8.28	7.97	8.52	10	12
4/5/2024	8.97	9.25	9.12	10	12
4/8/2024	5.97	7.2	7.98	10	12
4/10/2024	7.48	8.06	8.67	10	12
4/12/2024	8.26	9.08	11.12	10	12
4/15/2024	8.03	6.6	6.86	10	12
4/17/2024	7.58	7.86	8.05	10	12
4/19/2024	4.86	5.74	4.58	10	12
4/22/2024	6.19	7.03	7.53	10	12
4/24/2024	7.13	7.25	7.08	10	12
4/26/2024	5.96	7.03	6.57	10	12
4/29/2024	6.42	5.61	6.01	10	12
5/2/2024	7.84	6.61	11.55	10	12
5/4/2024	8.97	9.25	9.12	10	12
5/6/2024	7.55	7.16	6.99	10	12
5/8/2024	8.37	7.98	8.42	10	12
5/10/2024	3.24	2.26	3.81	10	12
5/14/2024	8.3	7.51	7.94	10	12
5/16/2024	7.53	10.26	5.62	10	12
5/18/2024	7.26	9.15	8.06	10	12
5/20/2024	6.19	7.03	7.53	10	12
5/22/2024	4.99	6.53	5.95	10	12
5/24/2024	8.28	8.45	7.85	10	12
5/27/2024	9.67	8.66	9.27	10	12
5/29/2024	5.63	4.68	5.24	10	12
5/31/2024	5.23	7.29	6.84	10	12



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APPENDIX H - SUMMARY OF WASTE FLOW TABLE




Monthly Summary Waste Flow Table for 2024 Year


Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposal as Public Fill	Imported Fill	Metals	Paper / Cardboard Packaging	Plastics (see note 3)	Chemical Waste	Other, e.g. general refuse
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in Tonne]
Jan	0.083	0.000	0.000	0.000	0.083	0.000	0.000	0.000	0.000	0.000	0.000
Feb	0.239	0.000	0.000	0.000	0.202	0.000	0.000	0.000	0.000	0.000	0.037
Mar	0.775	0.000	0.000	0.000	0.657	0.000	0.000	0.000	0.000	0.000	0.118
Apr	0.481	0.000	0.000	0.000	0.350	0.000	0.000	0.000	0.000	0.000	0.131
May	0.160	0.000	0.000	0.000	0.160	0.000	0.000	0.000	0.000	0.000	0.000
June											
Sub-Total	1.738	0.000	0.000	0.000	1.452	0.000	0.000	0.000	0.000	0.000	0.286
July											
Aug											
Sep											
Oct											
Nov											
Dec											
Total	1.738	0.000	0.000	0.000	1.452	0.000	0.000	0.000	0.000	0.000	0.286

Note:

- 1) The performance targets are given in the Environmental Management Plan.
- 2) The waste flow table shall also include C&D materials to be imported for use at the Site.
- 3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

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APPENDIX I - CUMULATIVE STATISTICS ON COMPLAINTS, NOTIFICATIONS OF SUMMONS

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Appendix I - Cumulative Statistics on Complaints, Notifications of Summons, Successful Prosecutions and Public Engagement Activities

Environmental Complaints Log

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Environmental Complaint	Relevant to the Construction Work of Project Site? (Y/N)	Investigation/ Mitigation Action	Status
001	28 December 2021	EPD	ET	Waste Management	N	The investigation report was submitted on 7 January 2022	Closed

Remark: * No Notifications of Summons or Successful Prosecutions were received during the reporting period.

Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions and Public Engagement Activities

Reporting Period	Complaints	Notifications of Summons and Prosecutions	Public Engagement Activities
2024/03	0	0	0
2024/04	0	0	0
2024/05	0	0	0
Cumulative Project-to-Date	1	0	0