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FINAL

Memo

To	Lisa Mah, Guy Dufour, Behzad Soltani (AEM)	**Client**	Agnico Eagle Mines Limited
From	Nina Feng, Brandon Smith (SRK)	**Project**	CAPR003762
Cc	Peter Luedke (SRK)	**Date**	March 20, 2026

Subject Doris Mine – 2025 Annual Water and Load Balance Assessment

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1 Introduction

This document provides a summary of mine water management results produced using the Hope Bay Project Operations water and load balance (WLB) model, current to December 31, 2025.

Monthly monitoring of the Doris Tailings Impoundment Area (TIA) is a requirement under the Hope Bay Water Licence No: 2AM-DOH1335 – Amendment No. 2 (NWB 2018). Schedule B, Item #4 stipulates that a summary of monthly results for the Doris TIA water and load balance (WLB) model, including any re-calibrations, is required to be reported to the Nunavut Water Board, annually.

The purpose of this report series is therefore to document and communicate regular status updates on the site's operations water and load balance to:

- Agnico Eagle Mines Limited (Agnico) site staff (e.g., Environment, Tailings, Operations).
- The Nunavut Water Board.
- Representatives of other consultancies and stakeholders with specific interest in the operations WLB model.

2 Model Overview and Operational History

The Hope Bay operations WLB model focuses on metrics related to the Doris Tailings Impoundment Area (TIA). Although no tailings were deposited in the TIA in 2025, the facility continued to be used as a contact storage water reservoir during Care and Maintenance.

During historical operations, the Doris TIA received tailings slurry from the Doris process plant, runoff from the Naartok East crown pillar recovery pit, the camp, ore and waste rock pads storage areas and associated ponds, as well as upslope runoff and direct precipitation. In July 2022, the southern portion of the Doris TIA was segregated through the construction of an interim dike to create a Saline Water Storage (SWS) area, which receives mine water from the Doris underground workings.

The model set-up and functionality are detailed in the FEIS Water and Load Balance report (SRK 2017), with subsequent updates described in annual WLB assessments completed between 2017 and 2025 (SRK 2017, 2018, 2019, 2020, 2021, 2022a, 2023, 2024a, 2025).

2.1 Previous Assessments

SRK originally prepared a water and load balance (WLB) model to support the FEIS (SRK 2017). Since that time, the model has been maintained to evaluate water management needs and estimate water quality both across the Project and within downstream receptors, as well as to forecast Doris TIA levels.

Model assessments have been completed annually since 2017 (Table 2-1). Within previous assessments, SRK concluded that the functionality of the WLB model adequately represented the Hope Bay site.

Table 2-1: Previous WLB model assessments

Source	Monitoring Year	Calibration Changes	Key Conclusions and Model Changes	
			Water Balance	Load Balance
SRK (2017)	FEIS	■ N/A	■ Baseline Model	■ Baseline Model
SRK (2018)	2017	■ None	■ Estimates compared well with measured elevations.	■ Doris Process Plant not at steady state. ■ No changes made for underestimated constituents.
SRK (2019)	2018	■ Hydrology ■ Processing rate ■ Mine water flows ■ Stage storage curves	■ After applying updates, estimates compared well with measured elevations.	■ Most constituents at or below detection limits, overestimated, or trending well with measured data. ■ Updated for underestimated constituents as follows: – Doris process water: ammonia, total cyanide, free cyanide, sulfate, and the following total metals: aluminum, copper, iron, manganese, nickel, phosphorous and sodium – Doris Mine water: ammonia
SRK (2020)	2019	■ Hydrology ■ Processing rate ■ Mine water flows ■ Stage storage curves ■ Sedimentation control ponds ■ Degradation rates ■ Source terms (process water, mine water)	■ After applying updates, estimates compared well with measured elevations.	■ Most constituents at or below detection limits, overestimated, or trending well with measured data. ■ Updated for underestimated constituents as follows: – Degradation rates: increased ammonia degradation rate, changed total cyanide degradation rate and degradation products to free and Weak Acid Dissociable (WAD) cyanide. – Doris process water: cyanate, total and dissolved manganese – Doris Mine water: total and dissolved manganese
SRK (2021)	2020	■ Hydrology ■ Processing rate ■ Mine water flows ■ Sedimentation control ponds ■ Source term (process water)	■ After applying updates, estimates compared well with measured elevations.	■ Most constituents at detection limits, overestimated, or trending well with measured data. ■ Updated for underestimated constituents as follows: – Doris process water: total and dissolved boron
SRK (2022a)	2021	■ Hydrology ■ Processing rate ■ Mine water flows ■ Sedimentation control ponds ■ Cryoconcentration	■ Hydrology updates included frequency analysis on annual precipitation, undercatch (applied to Cambridge Bay data), mean annual evaporation, sublimation, runoff and climate change. ■ After applying updates, estimated TIA water levels compared well with measured elevations.	■ Most constituents at or below detection limits, overestimated, or trending well with measured data. ■ No change to underestimated constituent (cyanate). ■ Cryoconcentration: modified ice development and melt to be a function of mean daily temperature.
SRK (2023)	2022	■ Hydrology ■ Water management ■ Discharge logic ■ Processing rate ■ Mine water flows ■ Sedimentation control ponds ■ Cryoconcentration	■ Added saline water storage area ■ Updated mine water management and discharge logic. ■ Delayed future processing to reflect site care and maintenance status. ■ After updates, estimated TIA water levels compared well with measured elevations.	■ Changed Doris mine water source term to represent a dynamic input.
SRK (2024a)	2023	■ Hydrology ■ Water management ■ Discharge logic ■ Mine water flows	■ Updated mine water management and discharge logic. ■ After applying updates, estimated TIA water levels compared well with measured elevations.	■ N/A
SRK (2025)	2024	■ Hydrology ■ Water management ■ Mine water flows	■ After applying updates, estimated TIA water levels compared well with measured elevations.	■ N/A

Sources: As indicated above.

3 Model Updates

3.1 Overview

The following sections summarize the updates applied to the Hope Bay WLB model as part of the 2025 assessment.

Any inputs not discussed in this section remained as per the original model assumptions documented in the FEIS model (SRK 2017), or the previous calibration updates.

3.2 Model Functionality

Discharge logic and inputs were updated to reflect the current operational water management strategy.

3.3 Meteorology

Measured Doris meteorological data was updated to include daily mean temperature, rainfall, and total precipitation recorded in 2025.

The latest records from the Doris meteorological station were complete to December 17, 2025. At the time of analysis, observations after December 17, 2025 were not yet available in quality-controlled form and were therefore excluded. For the purposes of model evaluation, additional late-December snowfall typically only contributes to the subsequent melt season and will be included in future analyses. As such, no supplementary data from regional stations or reanalysis sources were used for gap-filling.

3.4 Baseline Hydrometeorology Update

A review of the meteorological baseline for the Doris site was conducted (SRK 2026) to provide an update to analyses summarized in the FEIS (SRK 2017b, SRK 2017c) and previously updated in 2021 (SRK 2022b). The updated review includes climate and hydrology data records to December 2025 from the Doris site meteorological station, the Cambridge Bay stations operated by Environment and Climate Change Canada (ECCC), and available reanalysis data. This analysis comprised a detailed review of air temperature, total precipitation, wind speed, relative humidity and dew point temperature, solar radiation, snow depth, snowmelt, potential evaporation, and sublimation.

Changes to the predictive climate and hydrology model inputs are summarized in Table 3-1. Inputs that are not explicitly listed remain the same as the FEIS and/or 2021 update

Table 3-1: Summary of model updates to predictive climate and hydrology inputs

Analysis	Model Update
Frequency Analysis on Annual Precipitation	Updated synthetic time series for daily precipitation and mean air temperature used for frequency analysis to calculate precipitation and temperature for the average year, 1-in-20 wet year, 1-in-50 wet year, 1-in-100 wet year, 1-in-20 dry year, 1-in-50 dry year, and 1-in-100 dry year scenarios,
Snow Capture Efficiency	Updated average rain and snow undercatch factors for application if unadjusted historical climate data is required.
Potential Evaporation	Updated mean annual evaporation rate. Updated monthly average potential evaporation rates.
Potential Sublimation	Added monthly average potential sublimation rates for snowpack.
Runoff	Updated monthly average runoff coefficients. Updated monthly average effective runoff distribution.
Climate Change	Updated climate change inputs based on the IPCC's Sixth Assessment Report (AR6) global circulation models, combined with four emission scenarios. Base case inputs are based on a medium emissions case (SSP2-4.5). Projected changes in mean annual air temperature, precipitation, and evaporation are interpolated for the following overlapping time periods: 2030-2059, 2050-2079, and 2070-2099.

Sources: Compiled in text

3.5 Contact Water

- Transfer volumes from both the Doris Sediment Control Pond (SCP) and the Contact Water Pond (CWP) to the Doris TIA (Table 3-2) were added to the historical record.

Table 3-2: Doris SCP and Madrid North CWP to TIA in 2025 (m^3)

Month	SCP to TIA	CWP to TIA
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	7,686	0
Jun	20,017	268
Jul	14,223	140
Aug	14,659	0
Sep	12,483	0
Oct	9,783	0
Nov	0	0
Dec	0	0
Annual	**78,851**	**408**

Sources: ~/NACAPR003762/Internal/2_PermitBalance/Model/Inputs/HopeBay_WLBInputs_WB_CAPR003683_rev04.xlsm

Note: There is typically minimal or no pumping from the ponds to the TIA during the winter months (approximately October to May, annually).

3.6 Mine Water and Roberts Bay Discharge

- Mine dewatering totalled 640,500 m^3 in 2025, which was sourced solely from the Doris Mine. No dewatering of the Madrid North Mine occurred that year.
- Doris mine water was managed as follows (Table 3-3):
  - 640,000 m^3 discharged to Roberts Bay (through the marine discharge line).
  - 100 m^3 sent to the SWS
  - 400 m^3 sent to the TIA.
- Madrid N mine water was managed as follows (Table 3-3):
  - 700 m m^3 sent from portal to Sump 1 (formerly the Madrid Contact Water Pond).

Table 3-3: Mine water flows in 2025 (m^3)

Month	Doris Mine				Madrid North Mine to Sump 1
	to Roberts Bay	to Doris TIA	to SWS	Total	
Jan	54,300	0	0	54,300	0
Feb	55,000	0	0	55,000	0
Mar	61,700	0	0	61,700	0
Apr	48,800	0	0	48,800	0
May	53,900	0	0	53,900	0
Jun	58,200	100	0	58,300	0
Jul	47,600	100	0	47,700	0
Aug	51,000	100	0	51,100	0
Sep	53,600	0	100	53,700	0
Oct	52,500	0	0	52,500	700
Nov	49,700	0	0	49,700	0
Dec	53,800	0	0	53,800	0
Annual	**640,000**	**400**	**100**	**640,500**	**700**

Sources: ~/NACAPR003762/Internal/2_PermitBalance/Model/Inputs/HopeBay_WLBInputs_WB_CAPR003683_rev04.xlsm

- Water transferred from the SWS to the TIA totalled 192,800 m^3 (Table 3-4).

Table 3-4: SWS to TIA in 2025 (m^3)

Month	SWS to TIA
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	132,400
Jul	7,000
Aug	25,500
Sep	27,900
Oct	0
Nov	0
Dec	0
Annual	192,800

Sources: ~/NACAPR003762/Internal/2_PermitBalance/Model/Inputs/HopeBay_WLBInputs_WB_CAPR003683_rev04.xlsm

3.7 Water Quality

- Agnico provided SRK with updated water quality sampling records for the Doris TIA and reclaim pump station TL-1.

4 2025 Assessment

4.1 Overview

The following sections summarize the tasks completed by SRK as part of the latest model assessment. Table 4-1 summarizes the scenarios used by SRK to assess the validity of the model performance.

Table 4-1: Model evaluation scenarios

Model Scenario	Description
Estimated – 2024	Forecasted model results for 2025 generated using the previous version of the model, calibrated to 2024 data (SRK 2025).
Estimated – 2025 WB	Hindcasted model results for 2025 generated after updating the model using 2025 measured data (e.g., meteorology, mine water, process rate, sedimentation flows, Roberts Bay discharge).
Estimated – 2025 Final	Hindcasted model results for 2025 generated after incorporating the 2026 hydrology update, and subsequent recalibration of hydrological parameters.

Sources: Compiled in text.

4.2 Water Balance

The validity of the water balance performance was assessed by comparing measured and modeled water levels at the Doris TIA.

After incorporating recorded site data (e.g., flows, precipitation, processing rate) from the past year, measured elevations were compared to estimates from the calibrated SRK model for the same period.

Changes to the model were applied stepwise to iteratively assess the impacts to model results, as follows:

- Model updates:
  - Incorporate updated meteorology, mine water flows, surface water exchanges, and Roberts Bay discharge records.
  - Incorporate 2026 baseline hydrology updates.
  - Recalibrate runoff coefficients and snowmelt model parameters.
- Results compilation:
  - Newly calibrated values were reviewed and accepted.

4.3 Load Balance

Like the water balance, validity of the load balance was assessed based on agreement between measured and modelled water quality at the Doris TIA and reclaim pump station (TL-1).

Measured water quality data from 2025 was first compared to model estimates following water balance updates (Table 4-2).

Constituents were grouped according to the goodness-of-fit between estimated and measured water quality results for the Doris TIA. The following constituent groups were previously identified:

- Conservative: model estimates are generally overestimated relative to measured values.
- Trending Well: model estimates show strong agreement with measured values.
- Detection limit: when model estimates fall below method detection limit.
- Underestimated: model estimates generally plot below measured values.

Table 4-2: Load balance initial screening assessment

Classification	Constituents	Comparison to Model Estimate
Conservative	Nitrate (NO_3), nitrite (NO_2) Dissolved Metals: As, Cd, Cu, Fe, Ni, Zn Total Metals: Al, As, Cd, Ca, Cu, Fe, Pb, Hg, Mo, Ni, Se, Ag, Tl, Zn, P	Model estimates were overestimated relative to measured values. Modelled values are reflective of conservative assumptions. *Note: some values may be at or below method detection limit and slightly above model estimates. These constituents were still considered to be classified "conservative".*
Trending Well	Total dissolved solids (TDS), chloride (Cl), sulfate (SO_4) Total Metals: Mg, Na	Model estimates show strong agreement with measured values.
Detection Limit	Free cyanide (CN-F), WAD cyanide (CN-WAD) Total Metals: Cr	Model estimates fell below the respective method detection limits.
Underestimated	Ammonia (NH4), total cyanide (CN-T)	Model estimates were lower than measured values. Discussion and/or corrective actions detailed in subsequent sections.

Sources: ~/NACAPR003762/Internal/2_PermitBalance/HopeBay_AnnualWLBReview_CAPR003762_rev01_nf.xlsm

Notes:

Comparisons are assessed for the entire historical period, with emphasis on 2025.

Water quality plots shown in Attachment 1 include measured data for Roberts Bay discharge which, at times, can reflect Doris TIA (TL-1), treated Doris Mine water (TL-12B), or a mixed stream of both Doris TIA and mine water.

Changes to the model were assessed as follows:

- Estimated concentrations were first compared to measured Doris TIA water quality data at station TL-1 (Table 4-2).
- Source terms and load balance functionality were then reviewed to determine potential impacts to those constituents that were found to be underestimated.
- Underestimated values, or values that were overestimated and above permit limits, were then assessed individually and adjusted based on measured chemistry in either process water, mine water, and/or the Doris TIA.

5 Model Evaluation

5.1 Water Balance

Measured Doris TIA water levels in 2025 were compared to both:

- 2024 model projections (i.e., Estimated Elevation – 2023, Table 4-1)
- 2025 updated projections (i.e., Estimated Elevation – WB, Table 4-1)
- 2025 recalibrated projections (i.e., Estimated Elevation – 2025, Table 4-1)

Monthly mean water levels for each scenario are summarized in Table 5-1.

Table 5-1: Water balance evaluation – Doris TIA water levels

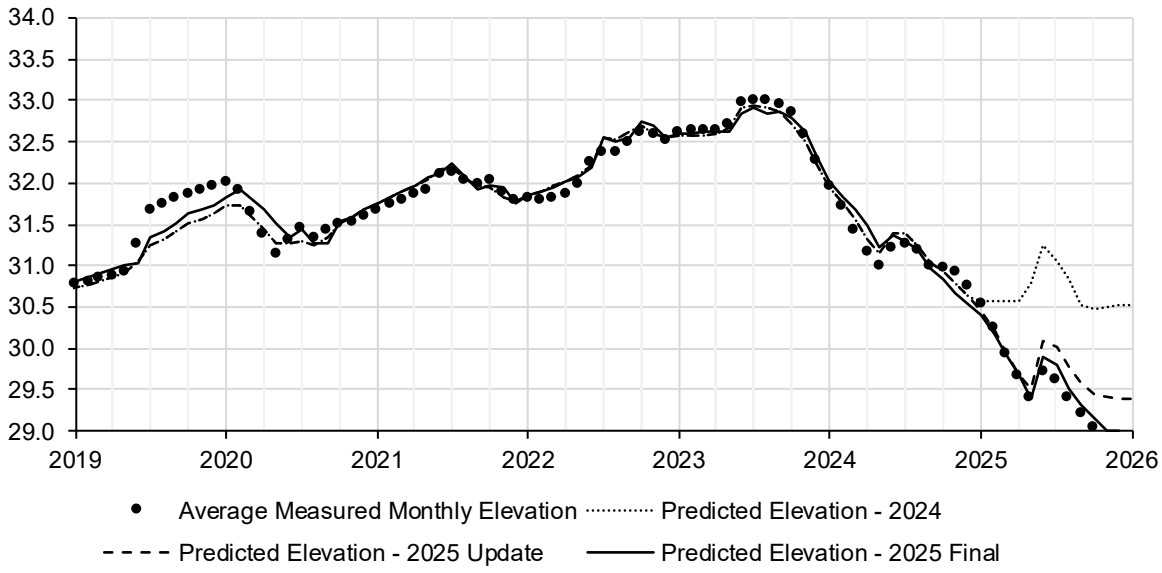
Month	Doris TIA Water Level (m)			
	Monthly Mean Level	Estimated – 2024	Estimated – WB	Estimated – 2025
Jan	30.5	30.6	30.4	30.4
Feb	30.3	30.6	30.2	30.2
Mar	29.9	30.6	30.0	29.9
Apr	29.7	30.6	29.7	29.7
May	29.4	30.8	29.5	29.4
Jun	29.7	31.3	30.1	29.9
Jul	29.6	31.1	30.0	29.8
Aug	29.4	30.8	29.8	29.5
Sep	29.2	30.5	29.6	29.3
Oct	29.0	30.5	29.4	29.1
Nov	28.9	30.5	29.4	29.0
Dec	28.8	30.5	29.4	29.0

Sources: ~/NACAPR003762/Internal/2_PermitBalance/Model/Inputs/HopeBay_WLBInputs_WB_CAPR003683_rev04.xlsm

Model results indicate the following:

- Following re-calibration, estimated water levels were generally in agreement with measured data slightly underestimated relative to measured data from January to May 2025, to a maximum discrepancy of approximately 0.1 m.
- Results then transitioned to a slight overestimation from June to December, to a maximum discrepancy of approximately 0.2 m.

Based on visual inspection (Figure 5-1), the updated model calibration appeared to demonstrate a strong agreement with measured data in 2025.



Sources: ~/NACAPR003067/Internal/2_PermitBalance/Inputs/HopeBay_CAPR003067_2024WLB_Inputs_R00_ajb_nf_fgg.xlsx

Figure 5-1: Modelled and estimated Doris TIA water levels (2019 – 2025)

SRK concluded that no further action was necessary to improve model performance.

5.2 Load Balance

5.2.1 Results

Attachment 1 illustrates load balance water chemistry estimates relative to measured water quality data at pump station TL-1. These graphs show several model estimates, representing the evaluation scenarios described in Table 4-1.

These graphs also include water chemistry measured at Roberts Bay discharge station (RBD1), which can reflect either Doris TIA water (TL-1), Doris Mine water (TL-12B) or a combination of the two sources.

After the initial screening assessment (Table 4-2), no calibration adjustments were made, and constituent classifications remain as originally identified.

5.2.2 Comparison to MDMER

Measured Water Quality

Doris TIA water discharged to Roberts Bay in 2025 (Table 3-3) is subject to Federal Metal and Diamond Mining Effluent Regulations (MDMER 2021) under the Fisheries Act. Updated water quality projections for the Doris TIA were compared to MDMER limits in Attachment 1. Measured data were compared to both the MDMER maximum authorized monthly mean concentrations (Table 5-2) and maximum authorized concentrations in a grab sample (Table 5-3).

Table 5-2: Maximum authorized monthly mean concentrations at the Doris TIA (mg/L)

Constituent	MDMER	Doris TIA	Month of Occurrence	Percent of MDMER Limit
TSS	15	**33**	January	220%
As_T	0.3	0.0025	August	0.8%
Cu_T	0.3	0.013	May	4%
CN_T	0.5	0.02	May	3%
Pb_T	0.1	0.00033	March	0.3%
Ni_T	0.5	0.007	May	1%
Zn_T	0.5	0.019	March	4%
NH_3-Un	0.5	0.002	January	0%

Sources: ~/NACAPR003762/Internal/2_PermitBalance/HopeBay_AnnualWLBReview_CAPR003762_rev01_nf.xlsm

Table 5-3: Maximum authorized grab sample concentrations at the Doris TIA (mg/L)

Constituent	MDMER	Doris TIA	Date of Occurrence	Percent of MDMER Limit
TSS	30	**54.3**	2025-04-02	181%
As_T	0.6	0.00325	2025-08-27	0.5%
Cu_T	0.6	0.0155	2025-07-02	3%
CN_T	1	0.0215	2025-07-02	2%
Pb_T	0.2	0.0005	2025-03-26	0.3%
Ni_T	1	0.00812	2025-07-02	0.8%
Zn_T	1	0.03	2025-03-04	3.0%
NH_3-Un	1	0.0016	2025-02-11	0.2%

Sources: ~/NACAPR003762/Internal/2_PermitBalance/HopeBay_AnnualWLBReview_CAPR003762_rev01_nf.xlsm

For both evaluation criteria, only TSS in the Doris TIA was elevated relative to MDMER. The maximum monthly averaged concentration in the Doris TIA occurred in January 2025, while the maximum grab sample concentration occurred in April.

Treatment of discharge for TSS began in 2023, allowing for releases from the TIA year-round, including during periods with elevated TSS. During active discharge in 2025, water quality in the Roberts Bay discharge line (measured at RBD1) was compliant with MDMER.

All other constituents were measured below the respective MDMER limits.

Modelled Water Quality

Updated water quality projections were also compared to MDMER limits to evaluate potential exceedances that may occur in the future. MDMER limits were also presented alongside estimates in Attachment 1.

The five constituents (i.e., TSS, total arsenic, total copper, total cyanide, un-ionized ammonia) that were identified as of potential concern in previous reviews will continue to be monitored closely.

Results were as follows:

- TSS:
  - A mass balance model conforming to a daily timestep is limited in its ability to accurately estimate TSS.
  - Since 2023, treatment systems for TSS removal have been in use for both Doris mine water and TIA discharges.
  - TSS will continue to be monitored and the discharge to Roberts Bay will comply with MDMER.
- As_T:
  - Concentrations in the Doris TIA in 2025 were less than 1% of the MDMER limits for both maximum authorized monthly mean concentrations and maximum authorized concentrations in a grab sample.
  - The need for arsenic treatment is being reassessed ahead of the restarting of operations.
- Cu_T:
  - Updated estimates remain below the proposed MDMER limit during discharge periods (open water season).
  - Copper concentrations will continue to be monitored, and if arsenic treatment is required, copper treatment may also be considered at that time.
- CN_T:
  - Updated estimates remain below the proposed MDMER limit during discharge periods (open water season).

  - The model estimates concentrations will increase above the MDMER limit in Feb 2027 under the current mine plan. Total cyanide concentrations in the Doris TIA originate from iron cyanide complexes which readily degrade by photolysis.
  - Modelled peaks for total cyanide occur in the spring before longer sunlight days commence photolysis. Measured cyanide concentrations have demonstrated that cyanide readily undergoes degradation in the Doris TIA during the open water season.
- Pb_T
  - Updated estimates remain below the MDMER limits and are not of concern.
- Ni_T
  - Updated estimates remain below the MDMER limits and are not of concern.
- Zn_T
  - Updated estimates remain below the MDMER limits and are not of concern.
- NH_3-Un
  - Un-ionized ammonia is both pH and temperature dependent and currently not included in the model. Nitrogen speciation does not act conservatively and is not suitable for mass balancing.
  - Agnico is currently evaluating treatment solutions to address un-ionized ammonia if necessary.

5.2.3 Nitrogen Speciation

Since 2022, projected ammonia concentrations have compared well to measured values during the annual freshet (approximately May to July) but have otherwise been underestimated (within 20%) by the load balance model.

Source terms for contributing flows were reviewed by SRK and found to be consistent with measured data for each location. Total cyanide was also underestimated in 2025, although no reagents were added to the Doris TIA. Overall, the ammonia and cyanide concentrations were lower than those observed during ore production.

The apparent underestimation of these species is related to current conditions at the TIA. During Care and Maintenance, ammonia and cyanide concentrations have been much lower than what was observed during active ore processing. Because the model's degradation factors were developed for higher operating concentrations, applying them to current (lower) concentrations appears to result in overestimation of species degradation.

Since the previous annual report, SRK reviewed source inputs and confirmed that modeled values are consistent with measured data. Accordingly, the magnitude of underestimation was considered acceptable, and did not necessitate the need for model recalibration in the Care and Maintenance period. Free cyanide, WAD cyanide, and thiocyanate were measured at or below method detection limits in 2025.

5.2.4 Method Detection Limits

Measured concentrations of total and dissolved beryllium, chromium, and vanadium were at or below method detection limits in 2025.

Method detection limits for some constituents continue to be higher than the respective model estimates. As in past assessments, no further model modification was made.

6 Summary

6.1 Overview

Overall, the functionality of the WLB model appears to be well calibrated to observed conditions at Hope Bay in 2025.

6.2 Water Balance

After incorporating 2025 recorded data, estimated water levels from the water balance showed strong agreement with measured levels at the Doris TIA.

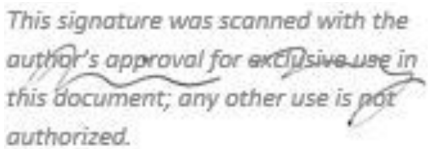
6.3 Load Balance

The load balance calibration from 2024 showed strong agreement with the 2025 measured water quality data at the Doris TIA. As such, no changes were made to the load balance.

Additionally:

- There were no MDMER exceedances for Doris TIA water that was discharged to Roberts Bay between May to December 2025.
- Five constituents (TSS, total arsenic, total copper, total cyanide, and un-ionized ammonia) were previously identified as constituents of potential concern regarding MDMER limits applied to mine discharges. These will continue to be monitored throughout 2025.
- Forecasted water quality will be used to evaluate the need for treatment before water quality issues arise.

Regards,
SRK Consulting (Canada) Inc.



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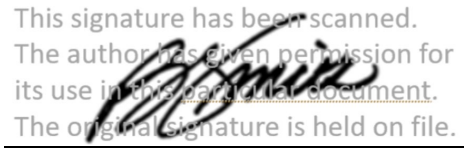

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Attachments:

Attachment 1 Annual WLB Assessment – 2025 Plots

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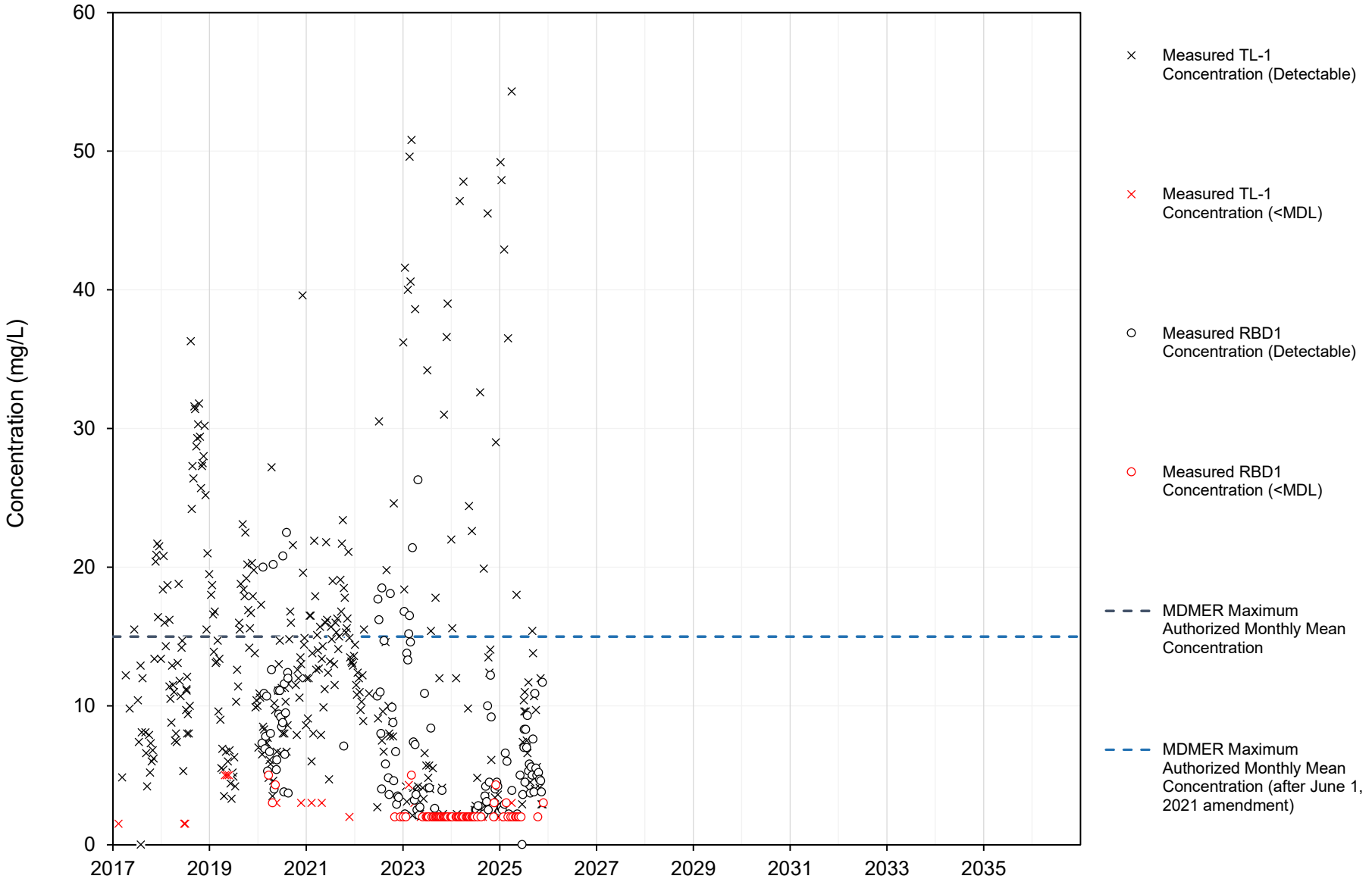
[SRK] SRK Consulting (Canada) Inc. 2024b. Hope Bay Climate Change Update to AR6. Memo prepared for Agnico Eagle Mines Ltd. CAPR003278. October 03, 2024.

[SRK] SRK Consulting (Canada) Inc. 2025. Doris Mine Annual Water and Load Balance Assessment – 2024 Calendar Year. Memo prepared for Agnico Eagle Mines Ltd. CAPR003067. March 20, 2025.

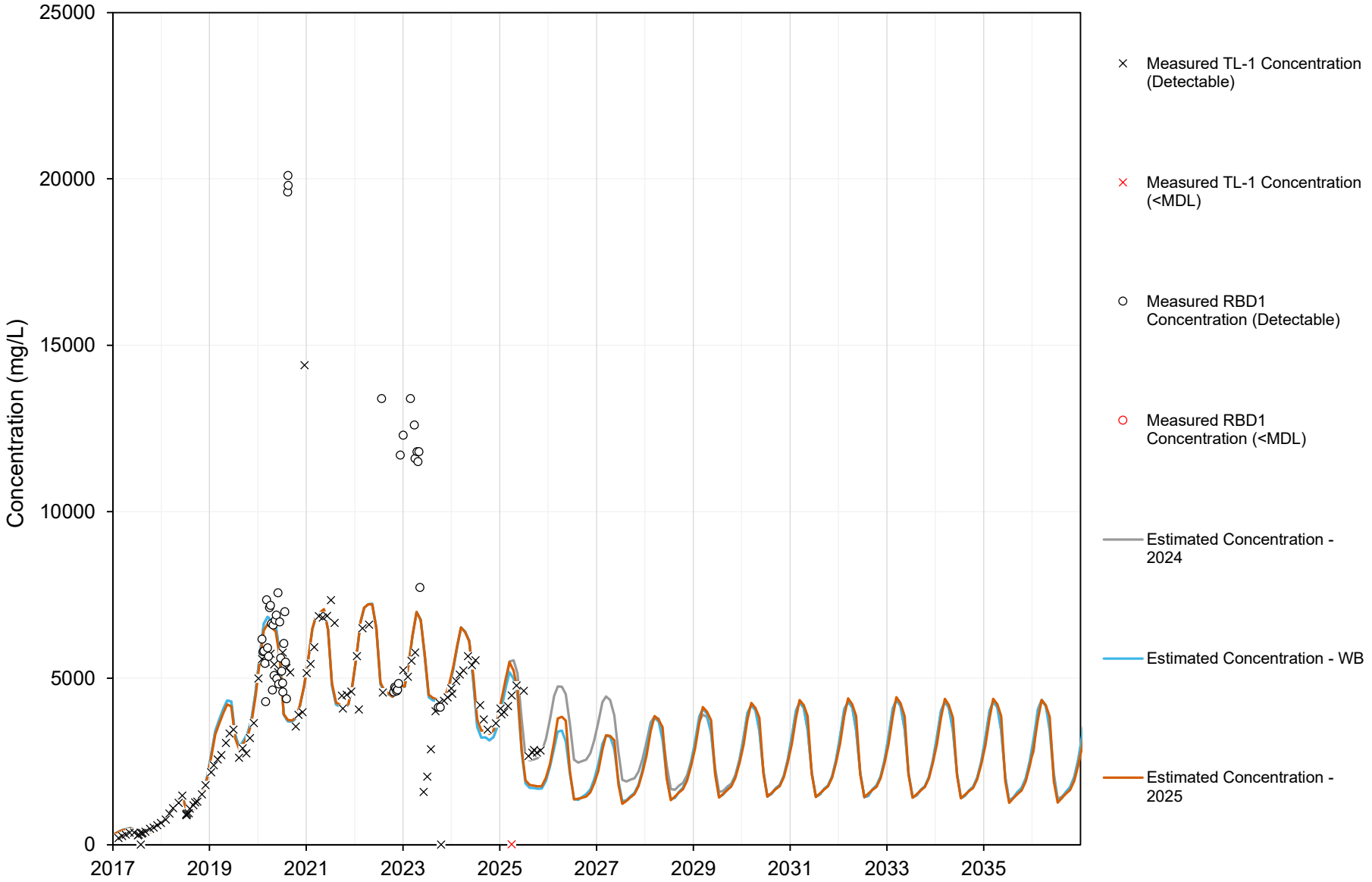
[SRK] SRK Consulting (Canada) Inc. 2026. Hope Bay Climate Update. Memo prepared for Agnico Eagle Mines Ltd. CAPR003762. March 04, 2026.

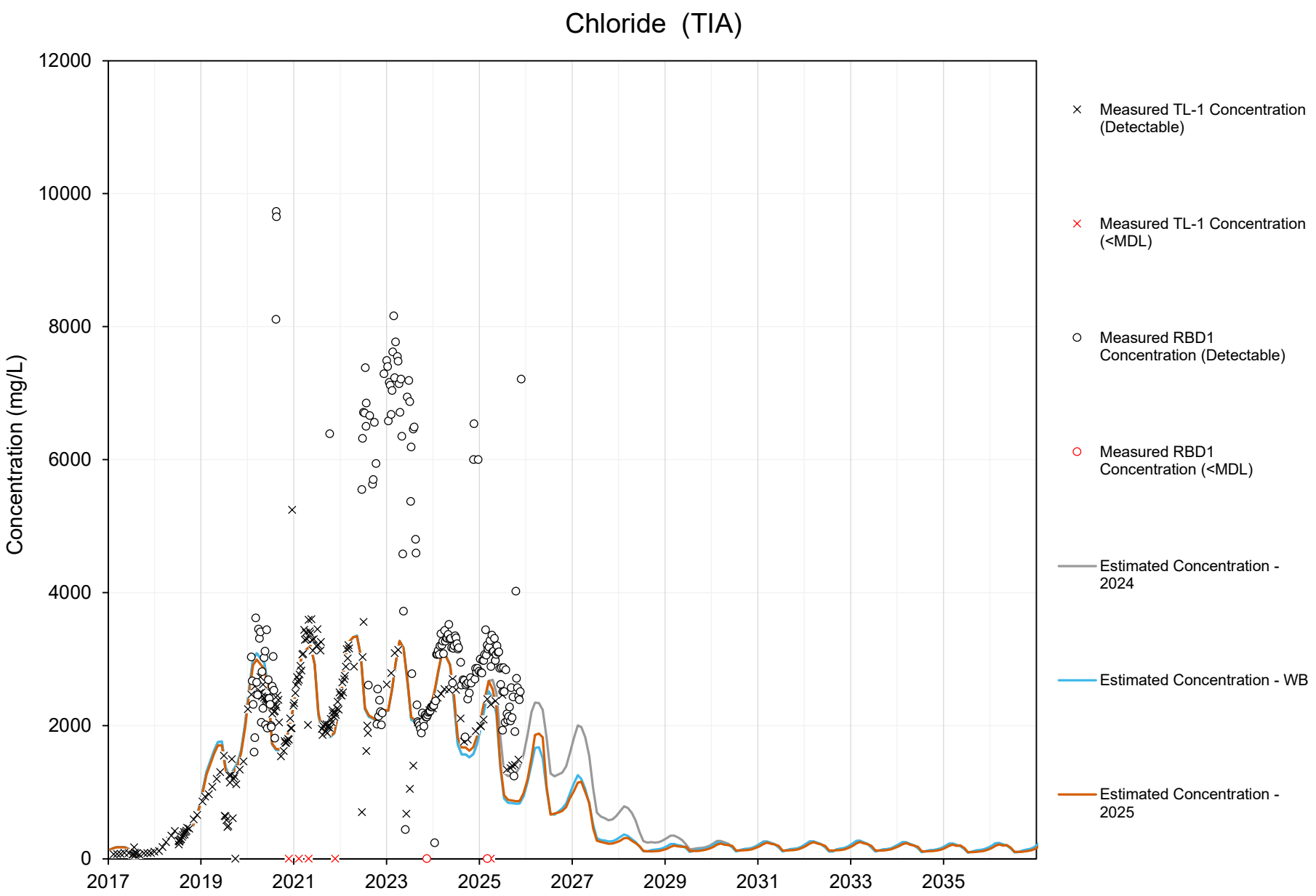
Attachment 1 Annual WLB Assessment – 2025 Plots

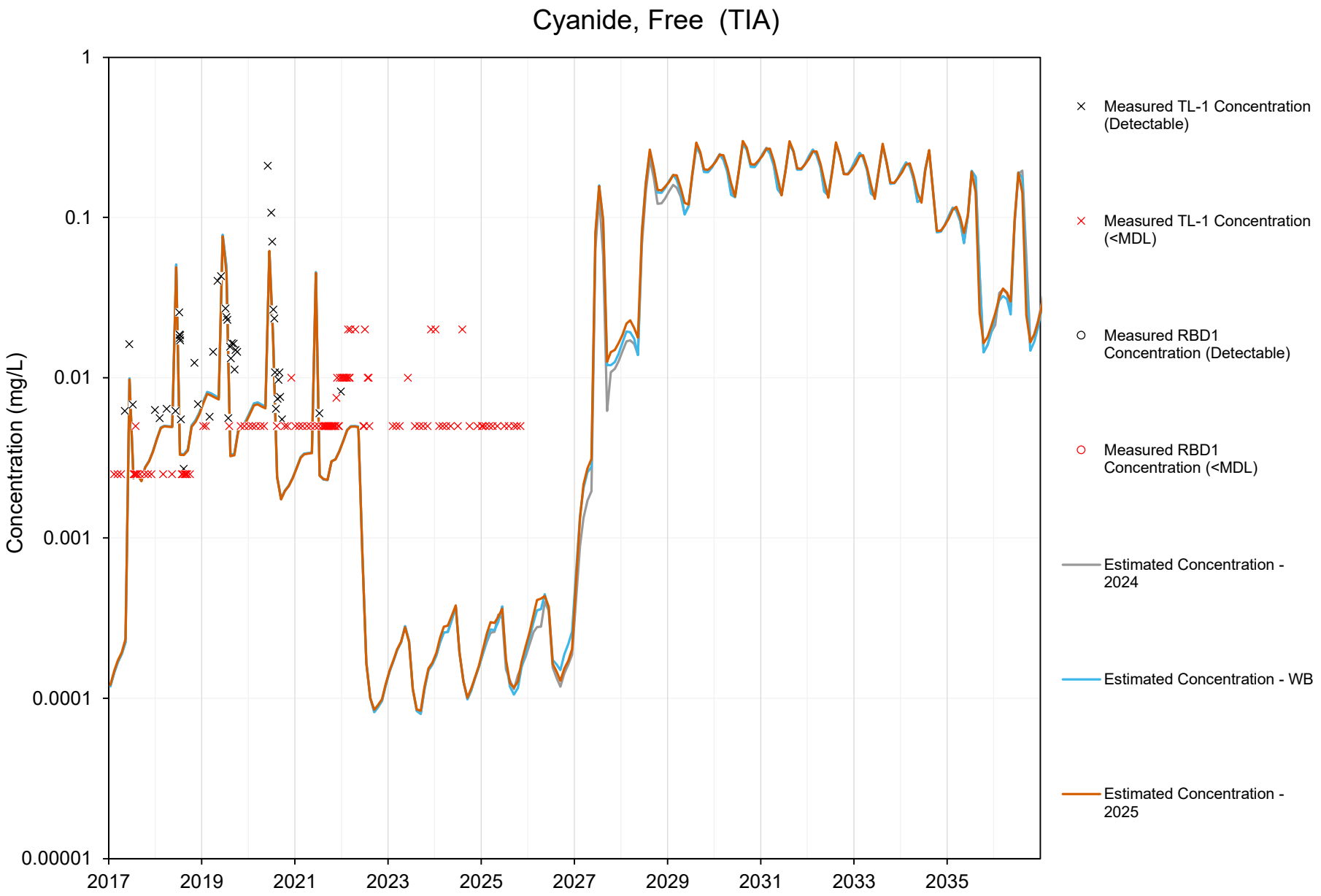
Total Suspended Solids (TIA)

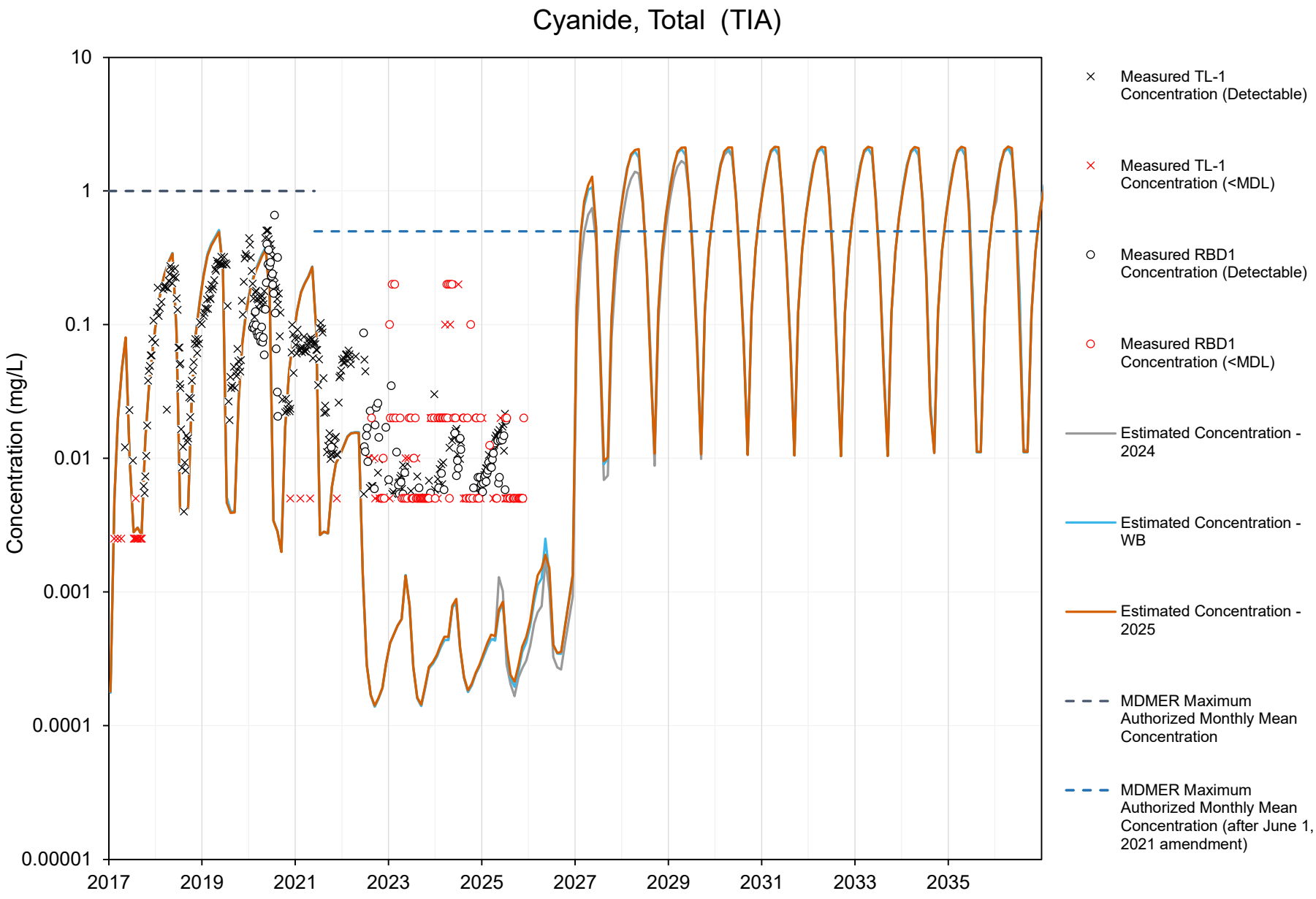


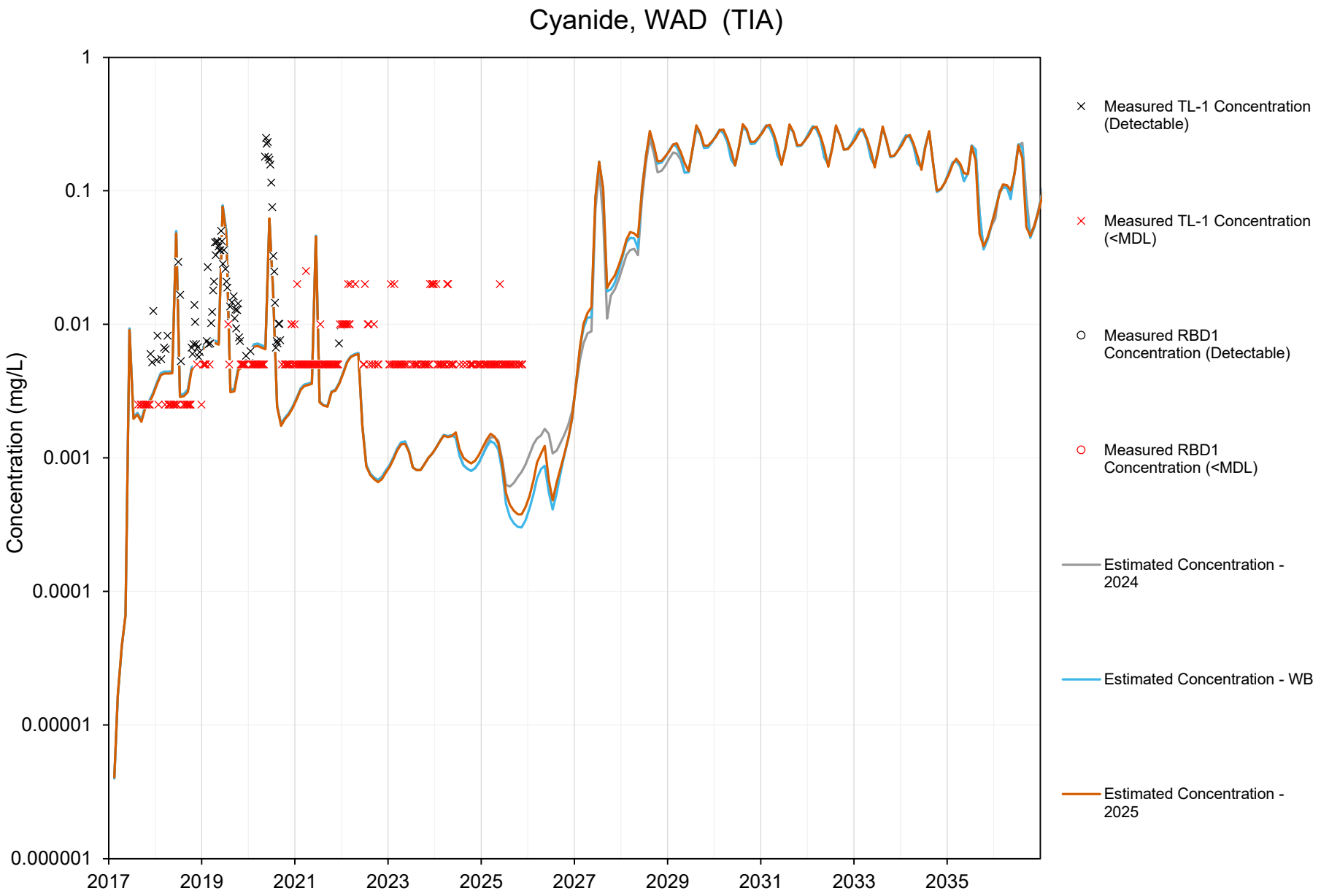
Total Dissolved Solids (TIA)



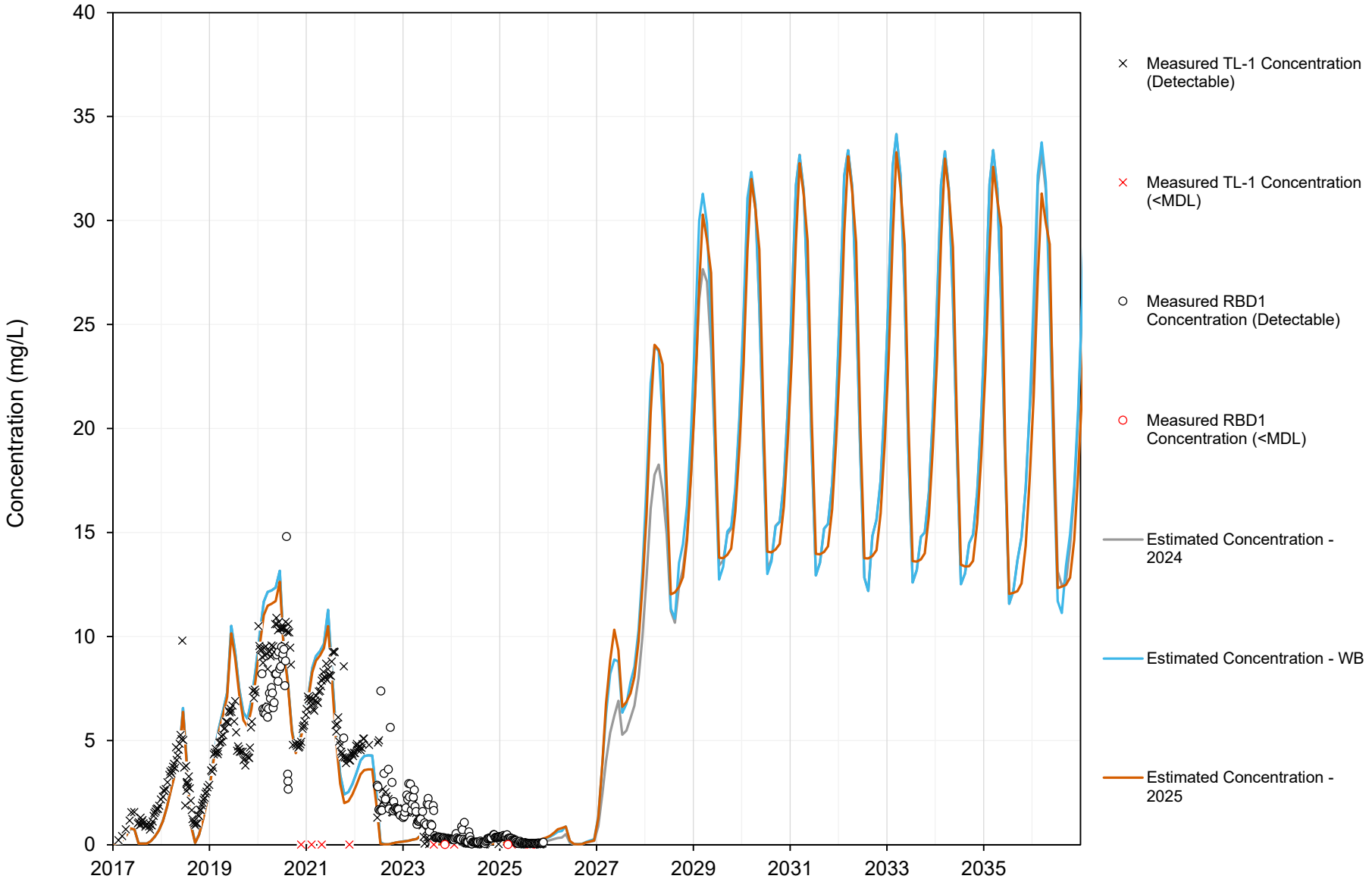

Chloride (TIA)
Concentration (mg/L)
12000
10000
8000
6000
4000
2000
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

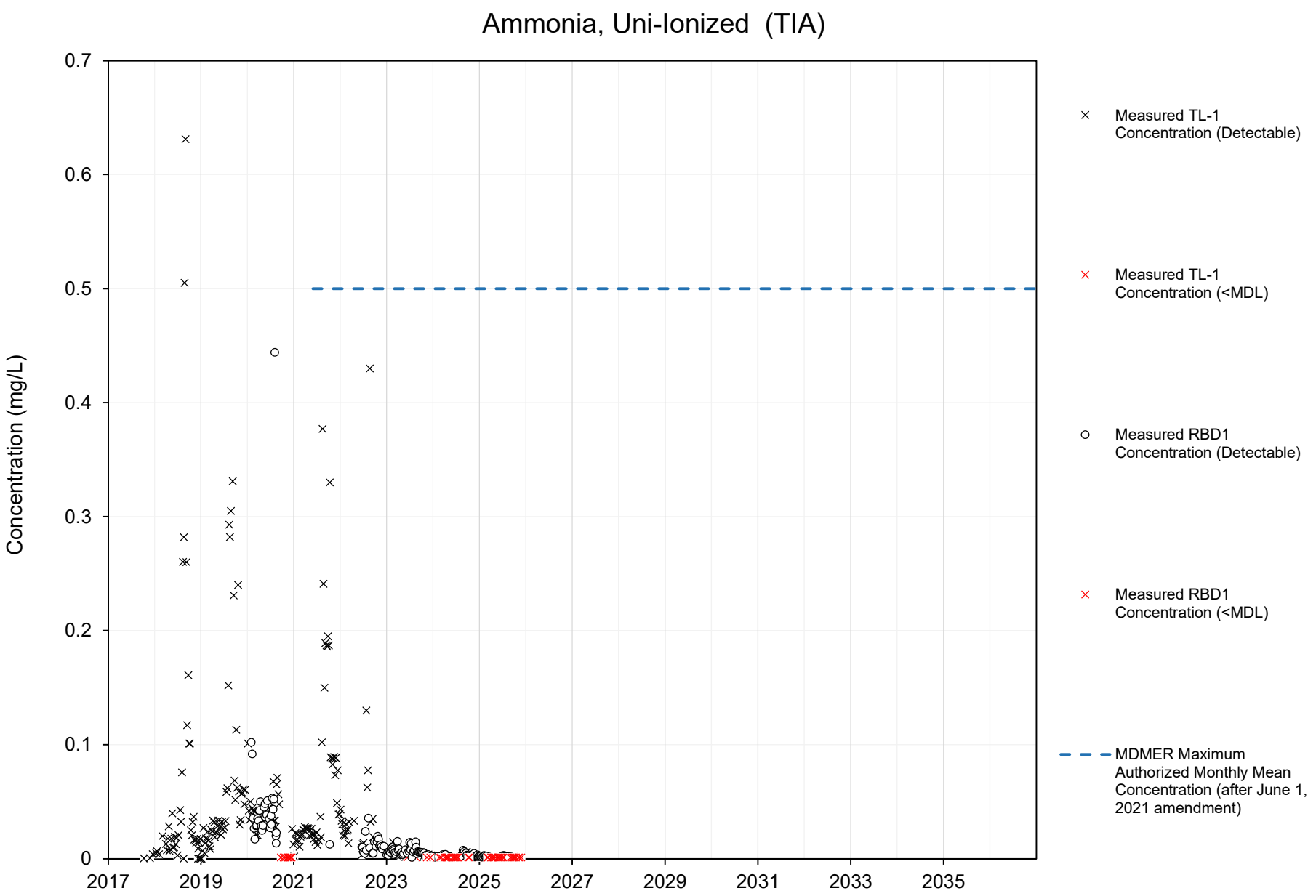

Cyanide, Free (TIA)
Concentration (mg/L)
1
0.1
0.01
0.001
0.0001
0.00001
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

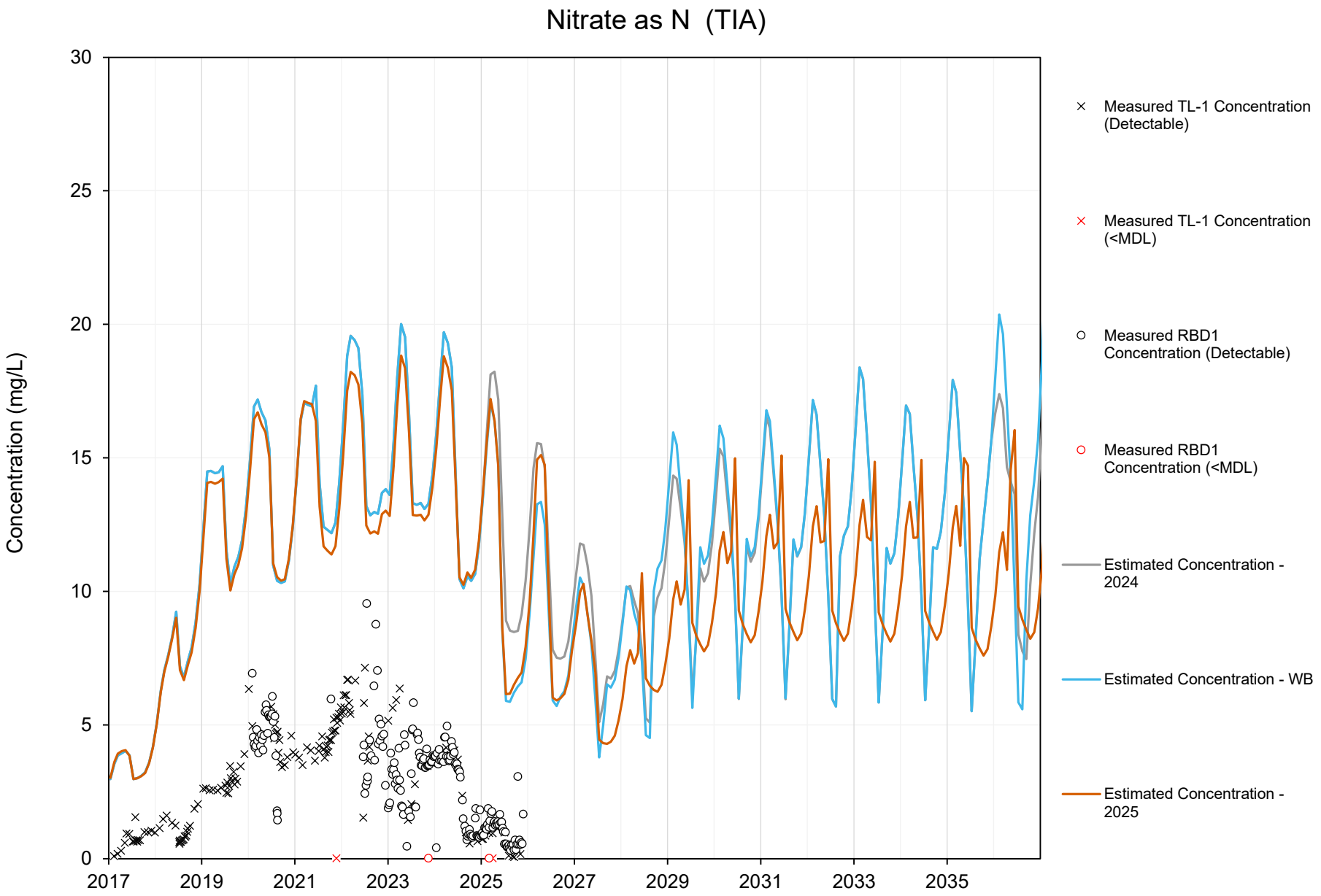

Cyanide, Total (TIA)
Concentration (mg/L)
10
1
0.1
0.01
0.001
0.0001
0.00001
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025
MDMER Maximum Authorized Monthly Mean Concentration
MDMER Maximum Authorized Monthly Mean Concentration (after June 1, 2021 amendment)

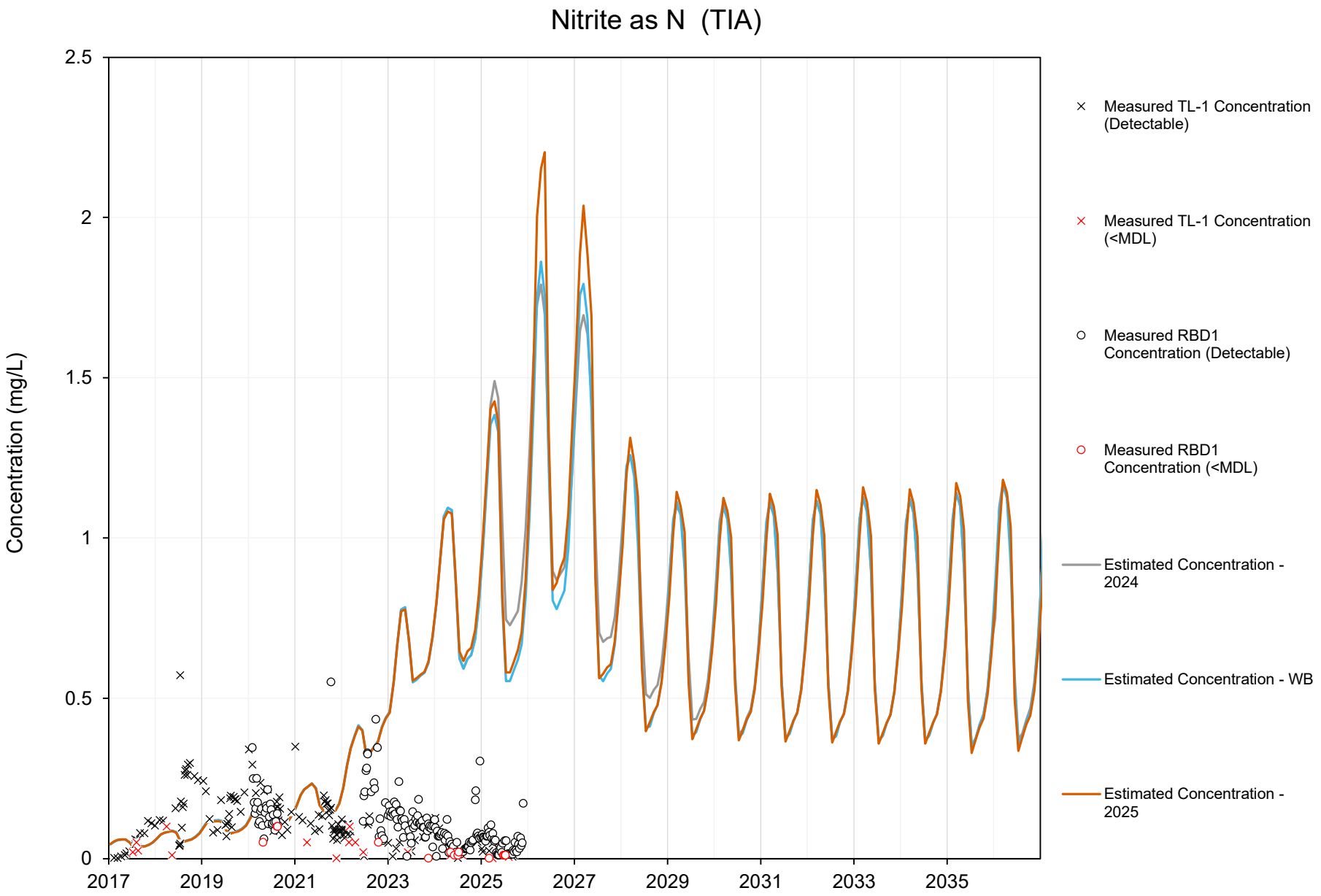

Cyanide, WAD (TIA)
Concentration (mg/L)
1
0.1
0.01
0.001
0.0001
0.00001
0.000001
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

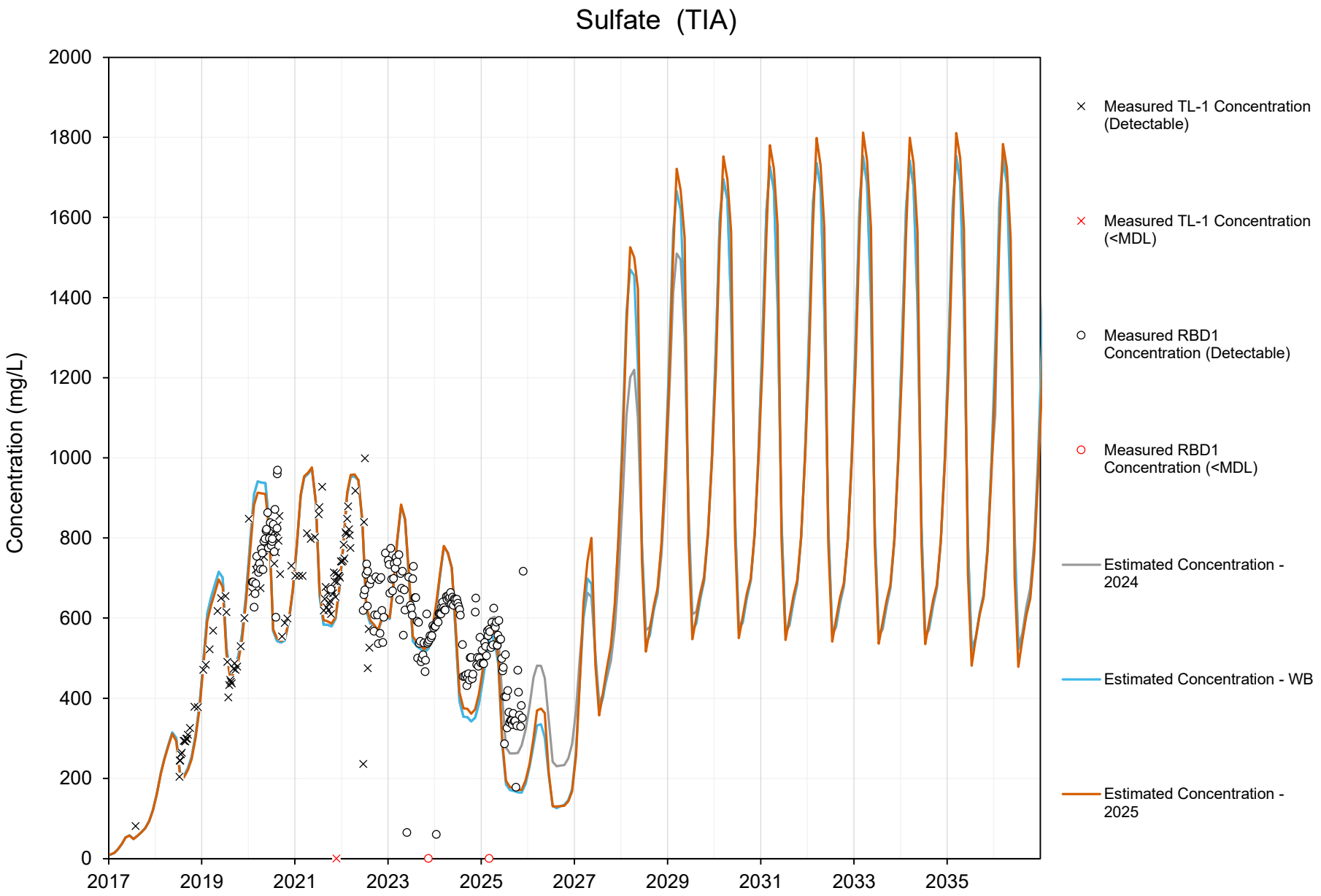
Ammonia, Total as N (TIA)



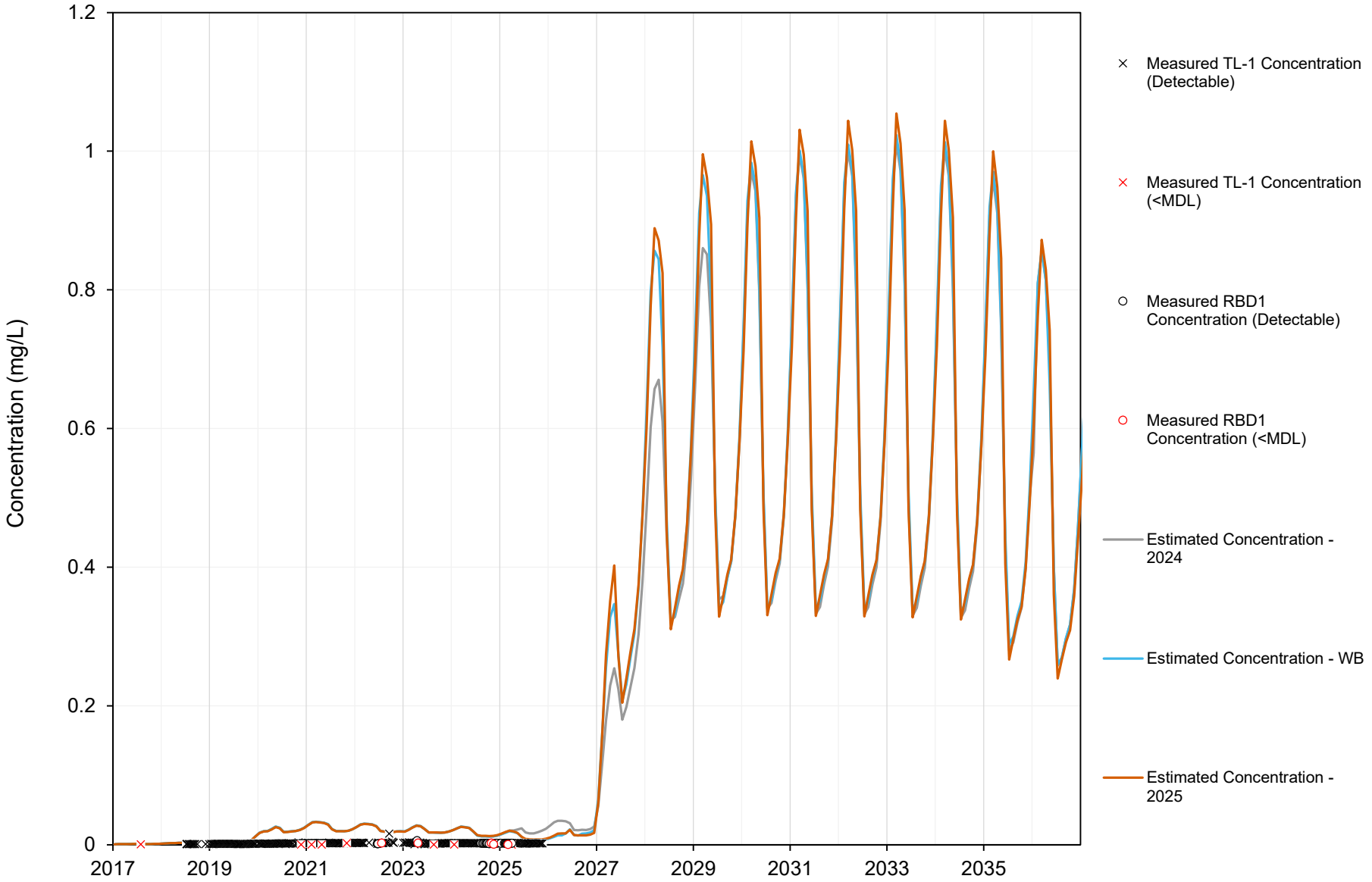

Ammonia, Uni-Ionized (TIA)
Concentration (mg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
MDMER Maximum Authorized Monthly Mean Concentration (after June 1, 2021 amendment)

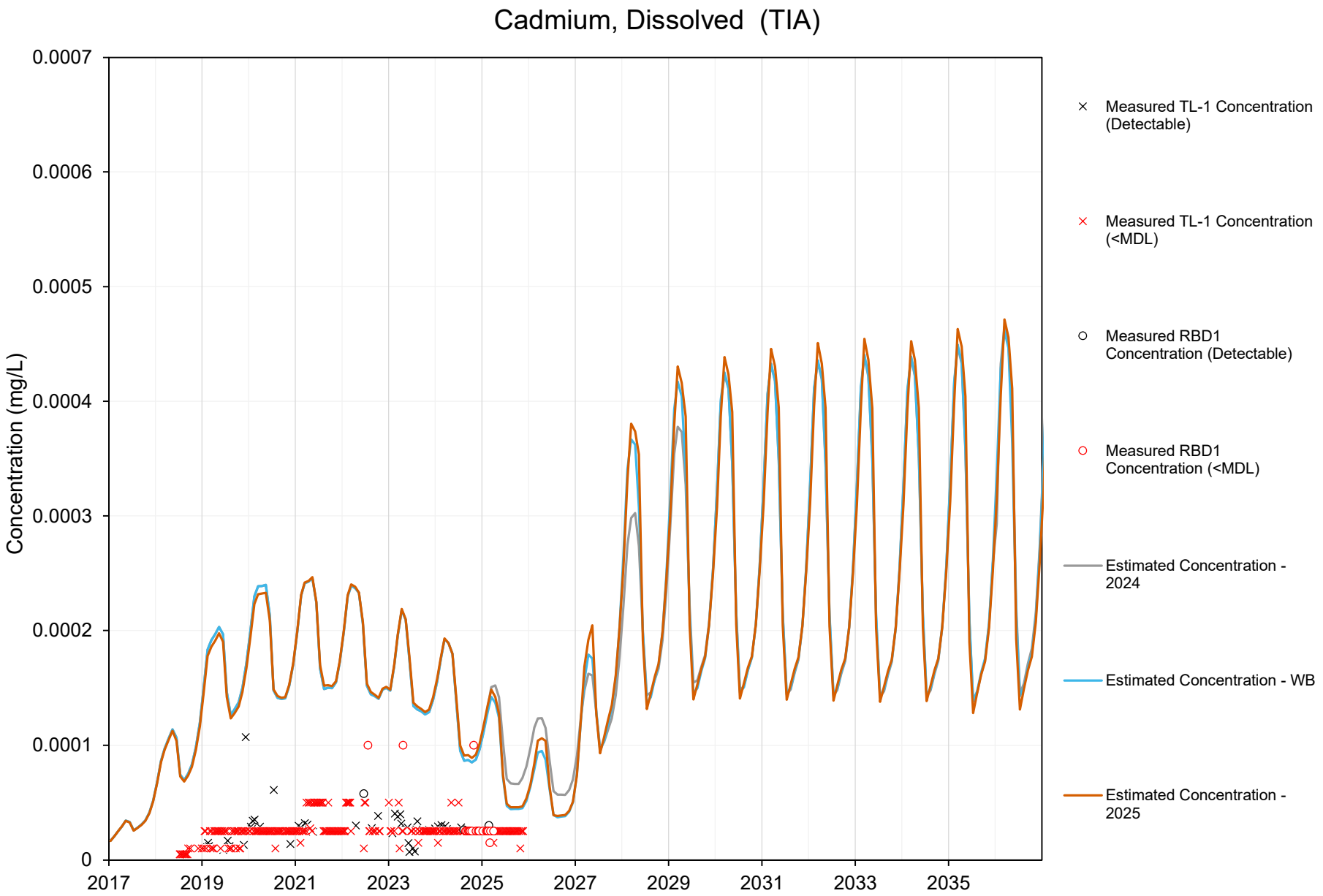

Nitrate as N (TIA)
Concentration (mg/L)
0
5
10
15
20
25
30
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

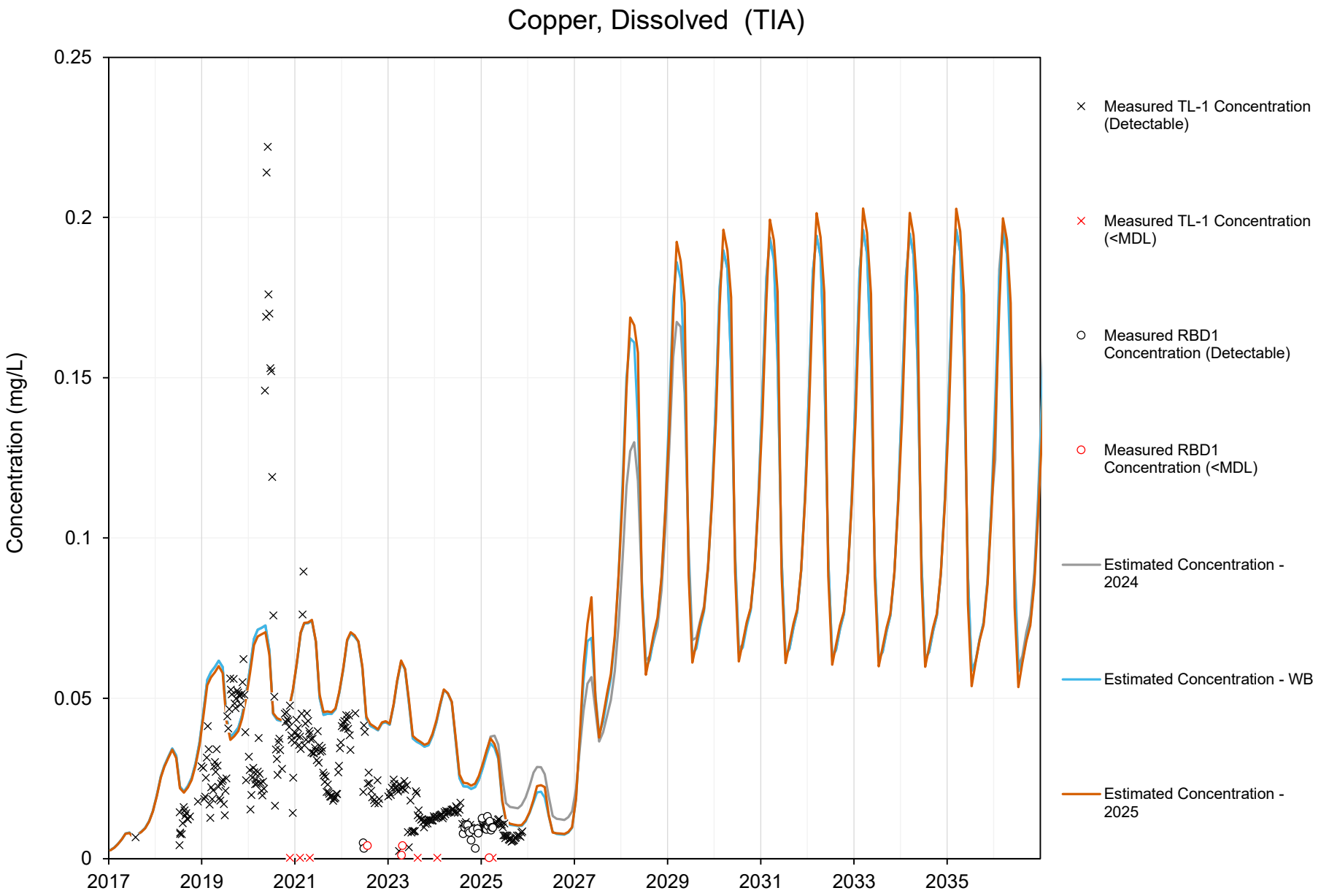

Nitrite as N (TIA)
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

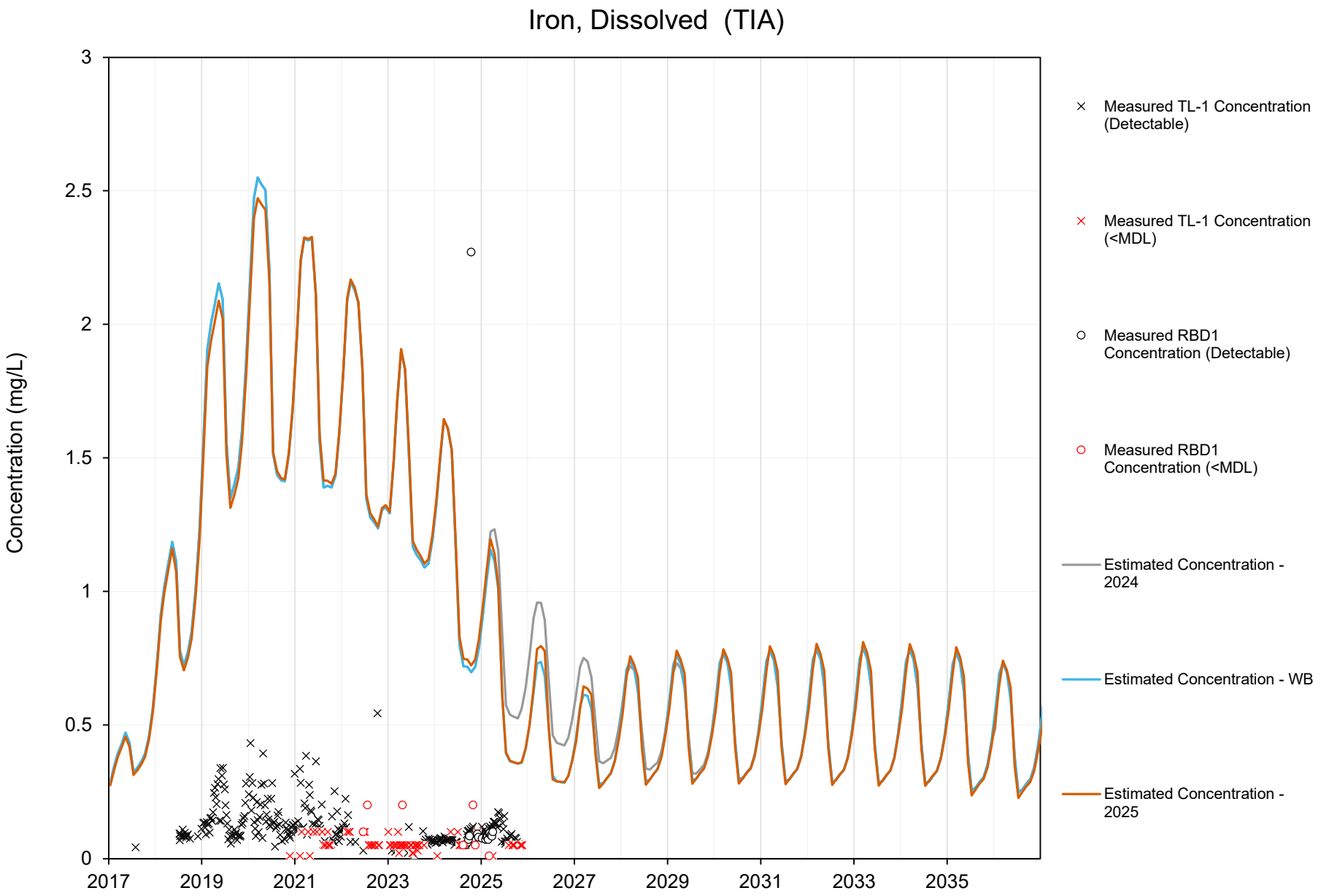

Sulfate (TIA)
Concentration (mg/L)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

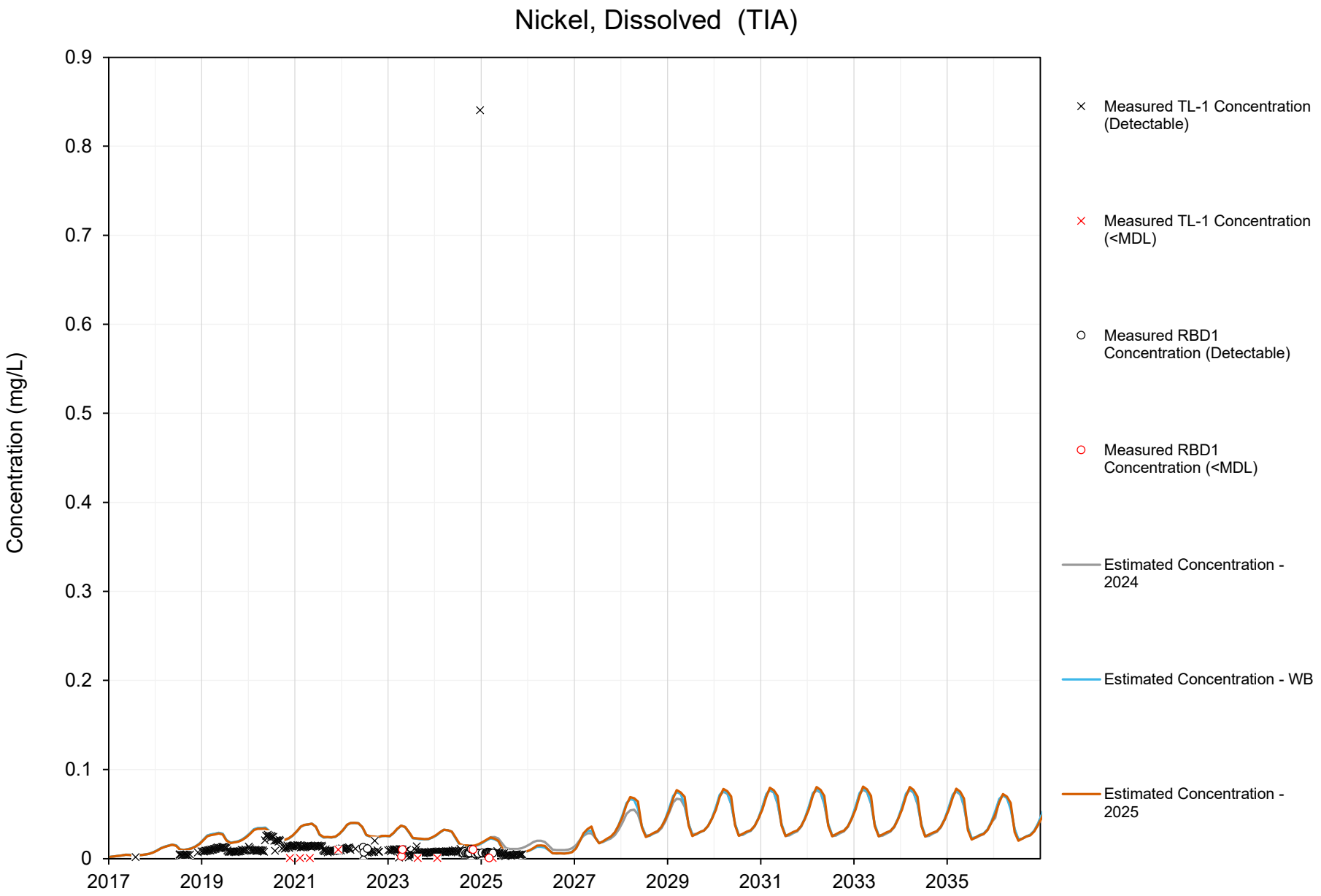
Arsenic, Dissolved (TIA)



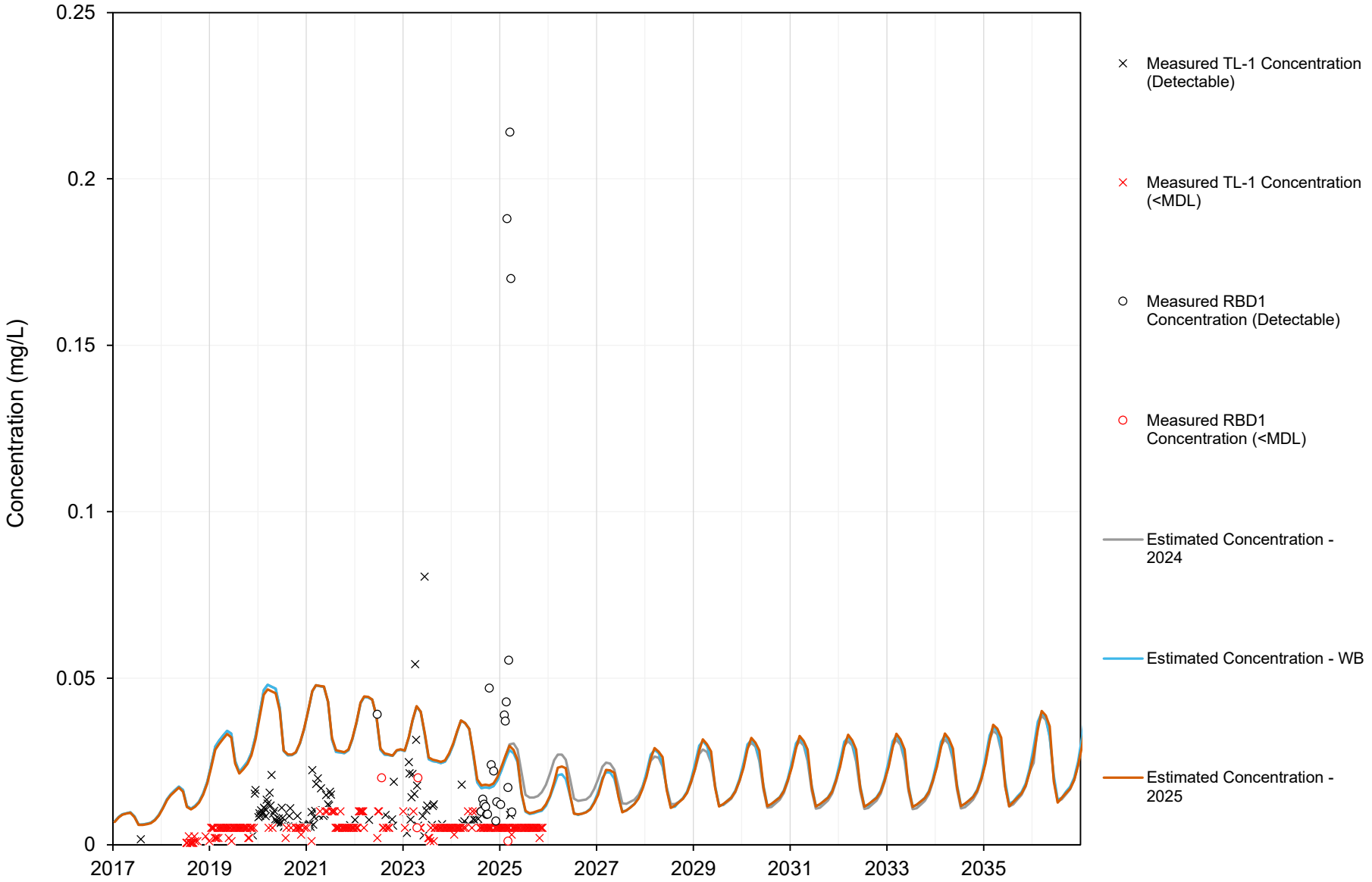

Cadmium, Dissolved (TIA)
Concentration (mg/L)
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025


Copper, Dissolved (TIA)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

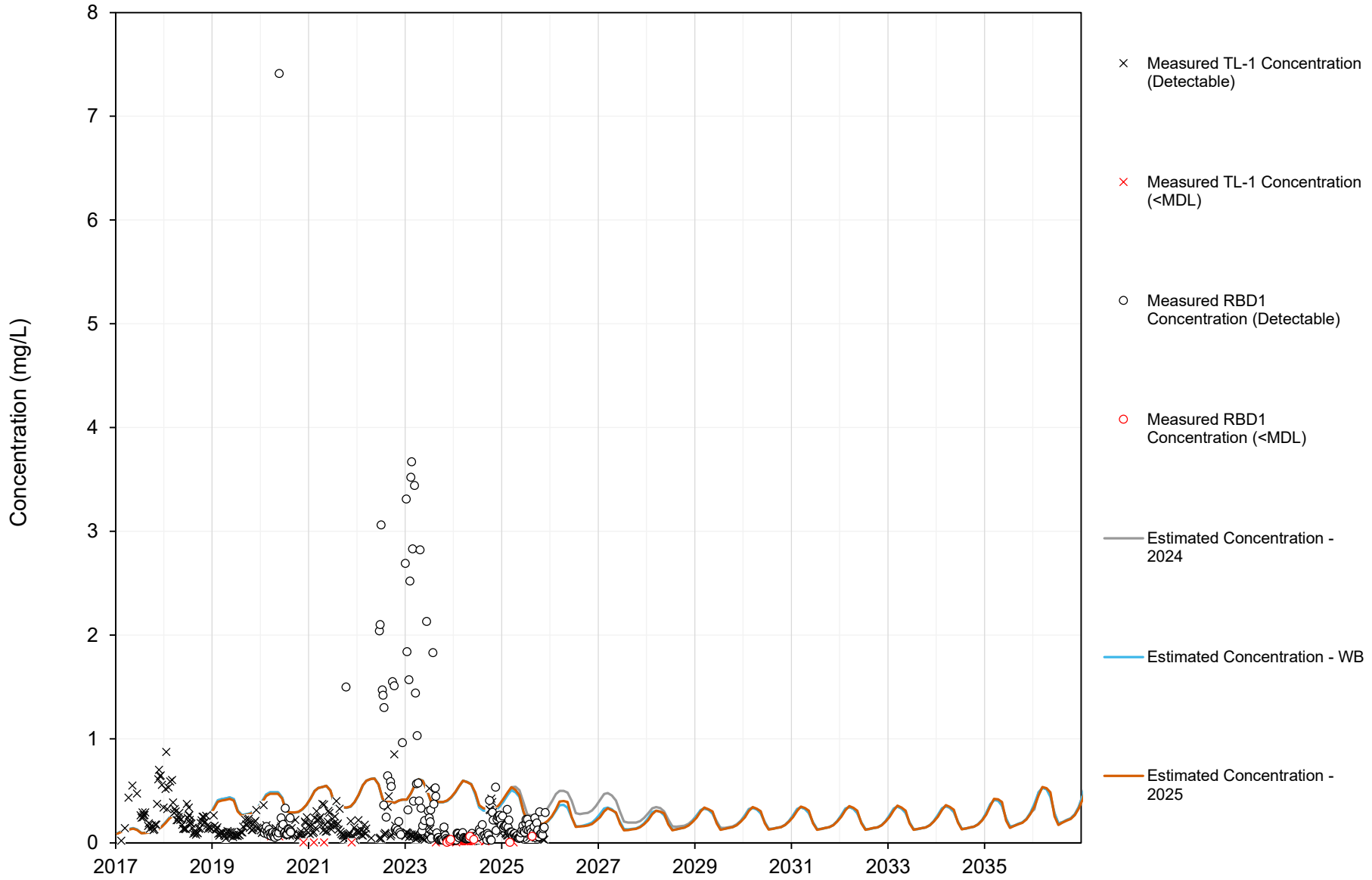

Iron, Dissolved (TIA)
Concentration (mg/L)
3
2.5
2
1.5
1
0.5
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

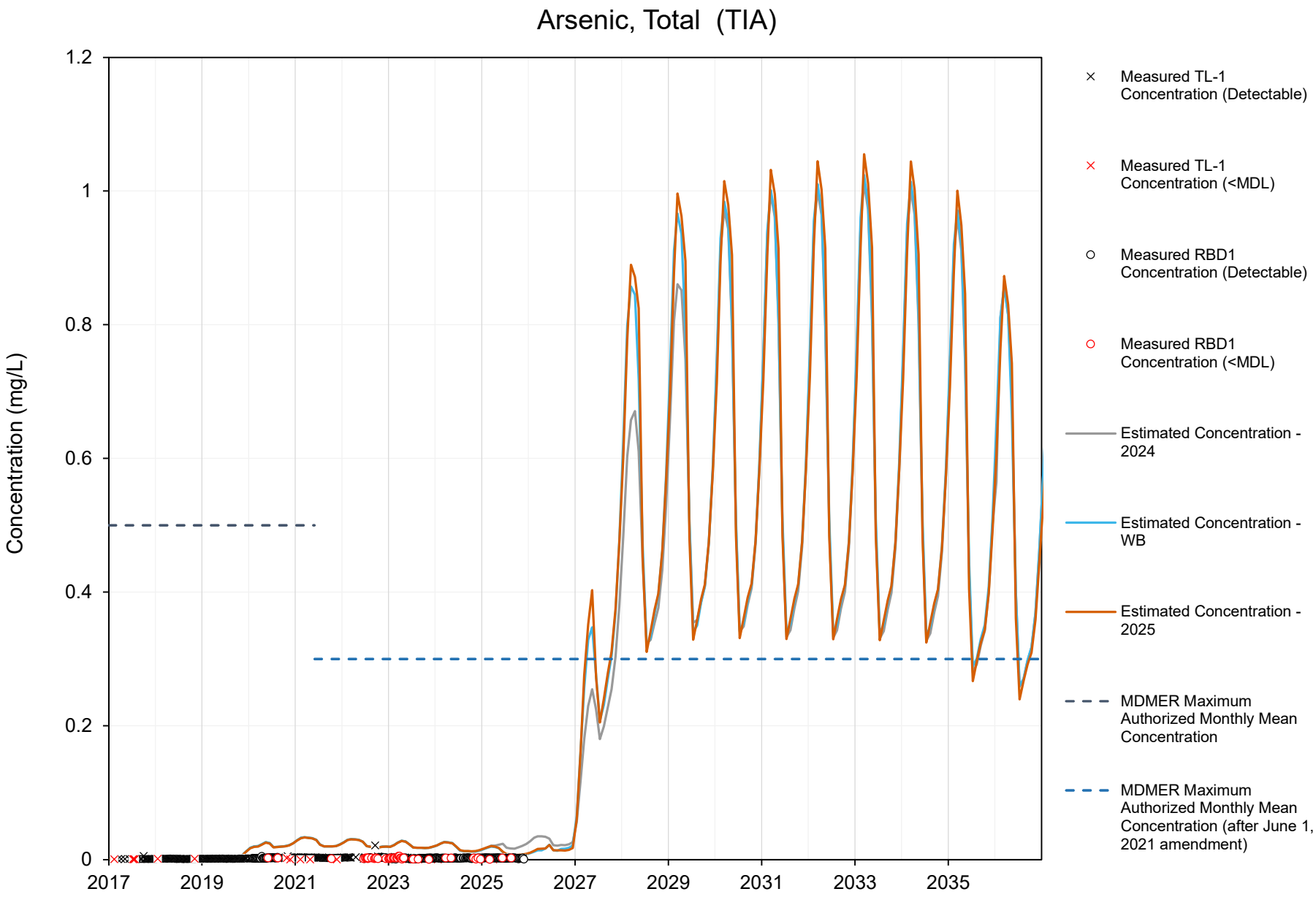

Nickel, Dissolved (TIA)
Concentration (mg/L)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

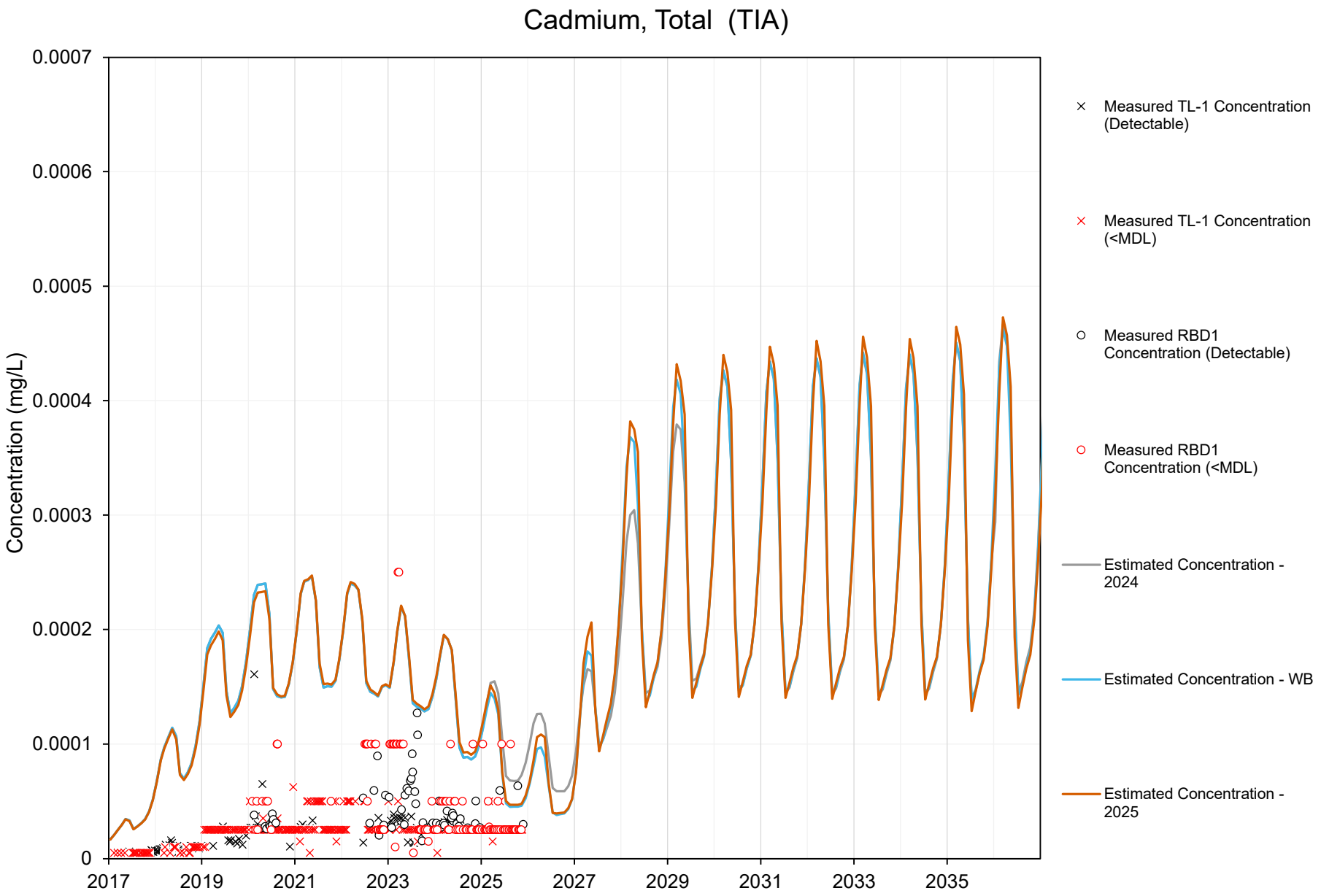
Zinc, Dissolved (TIA)

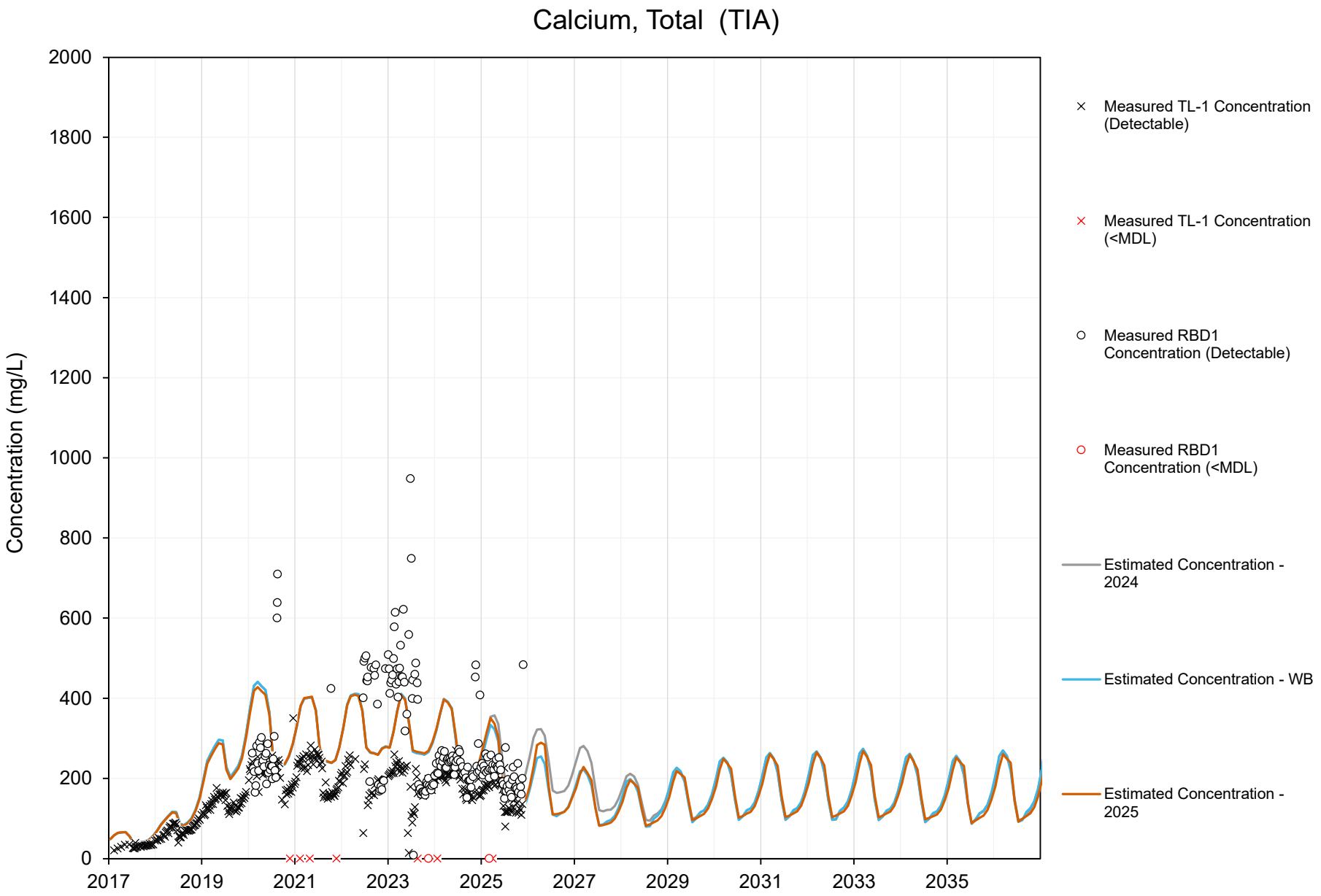


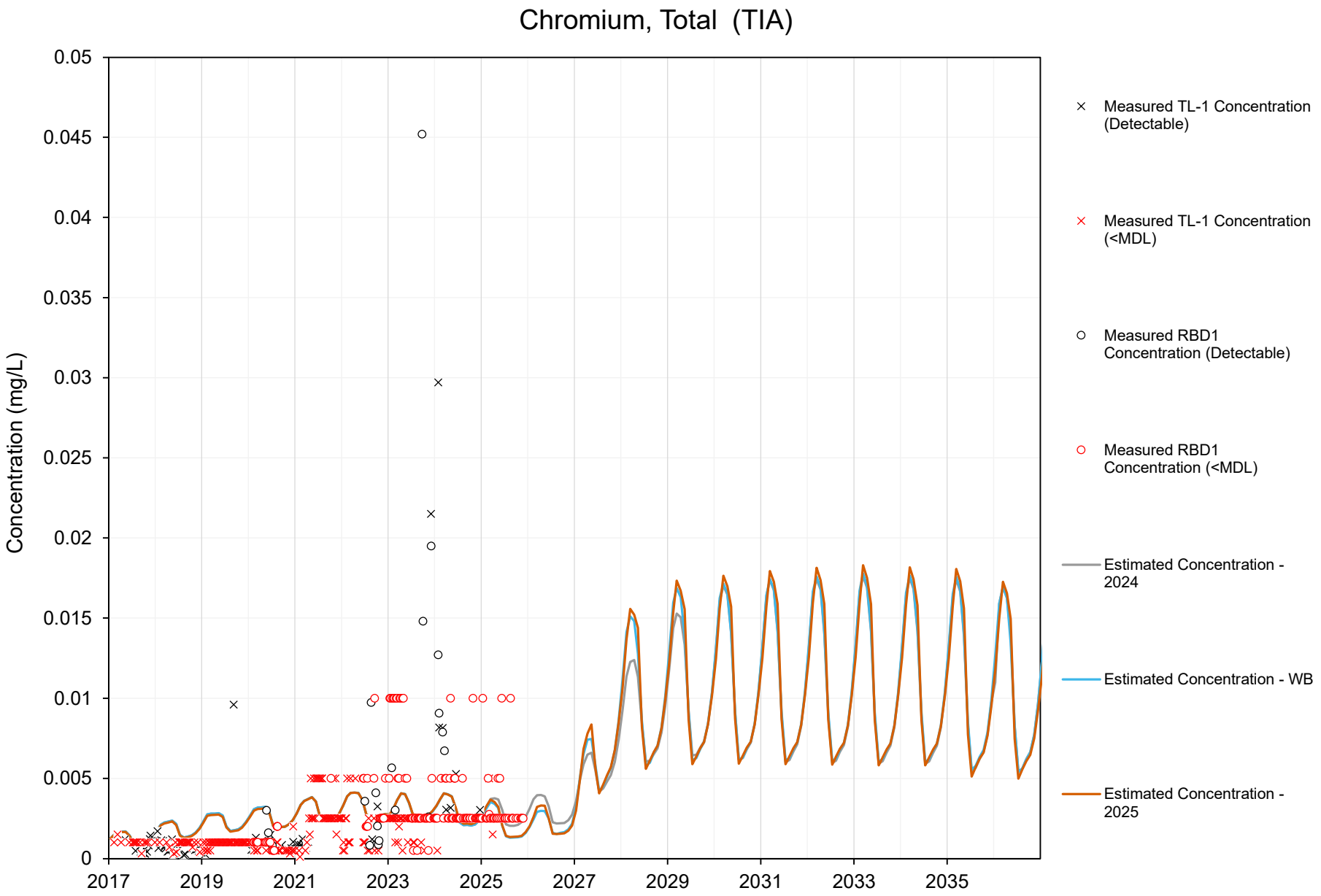
Aluminum, Total (TIA)

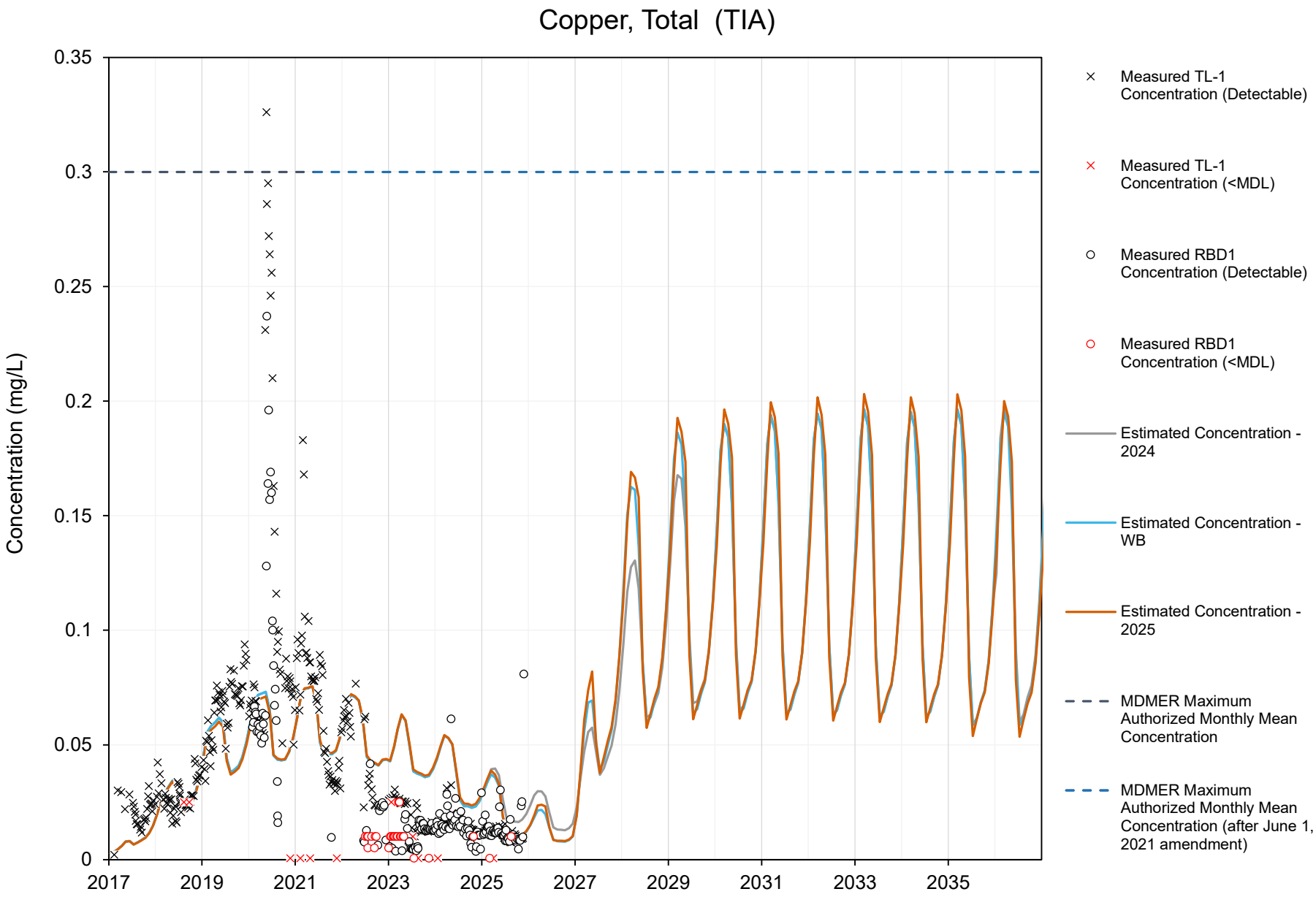


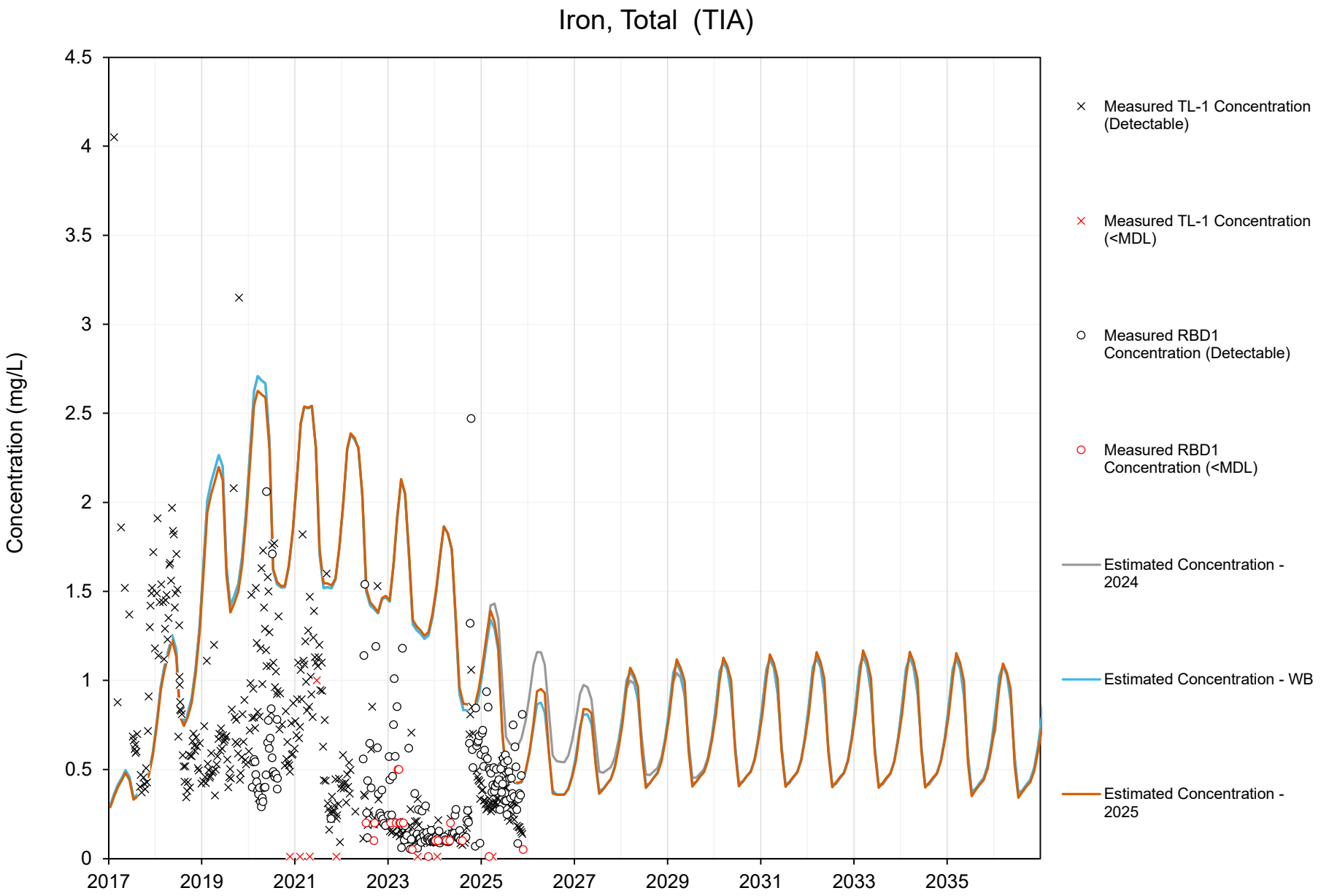

Arsenic, Total (TIA)
Concentration (mg/L)
1.2
1
0.8
0.6
0.4
0.2
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025
MDMER Maximum Authorized Monthly Mean Concentration
MDMER Maximum Authorized Monthly Mean Concentration (after June 1, 2021 amendment)

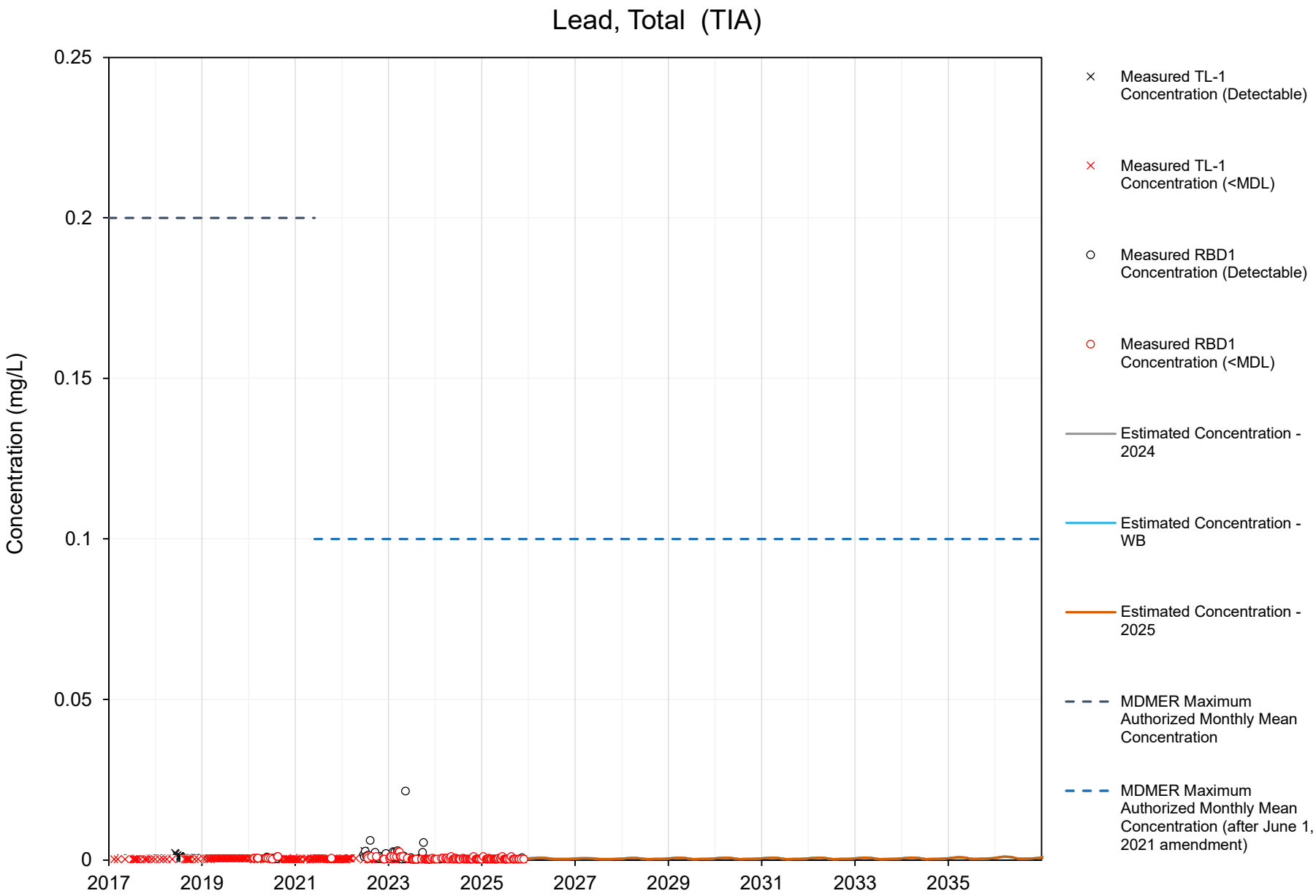

Cadmium, Total (TIA)
Concentration (mg/L)
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

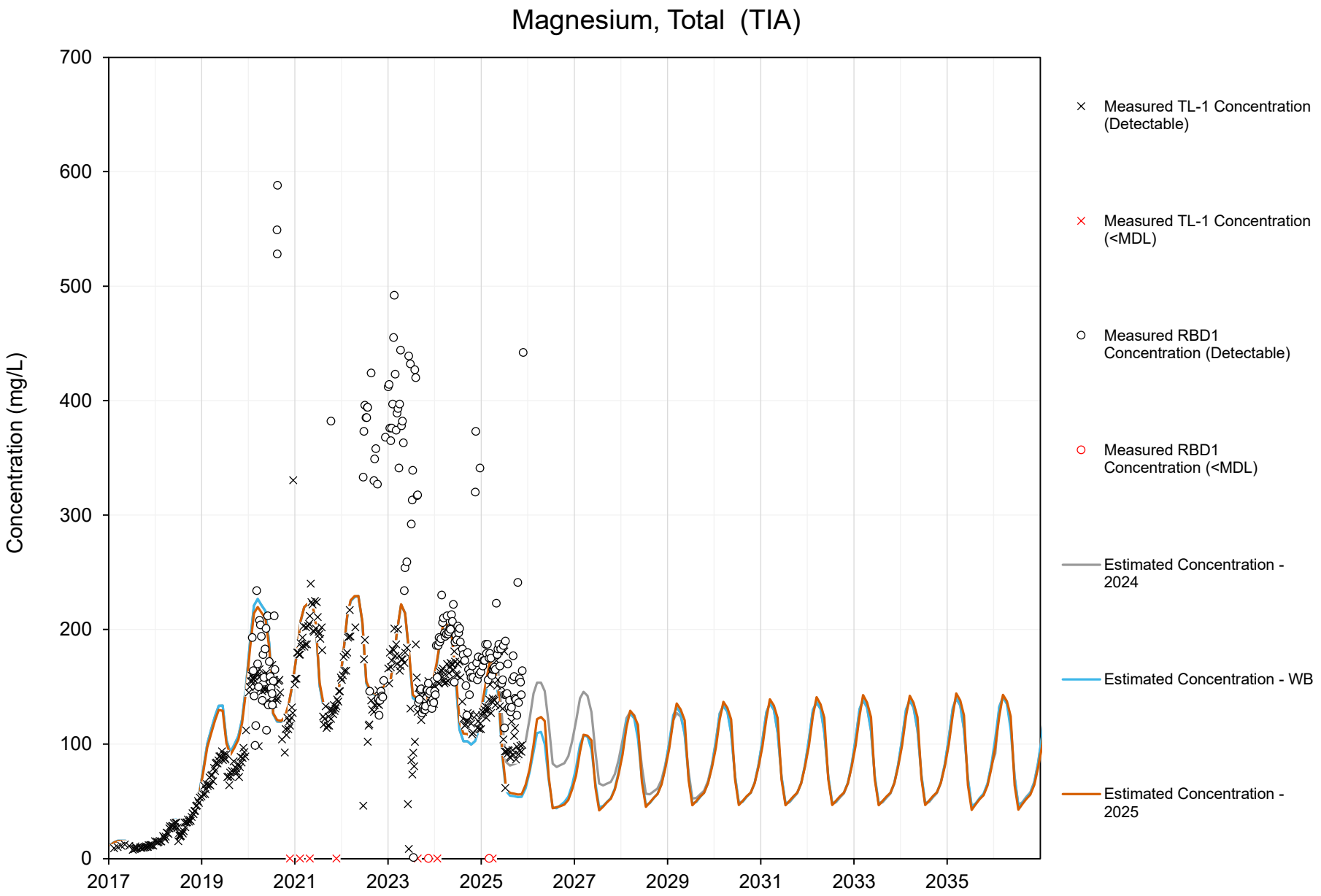

Calcium, Total (TIA)
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

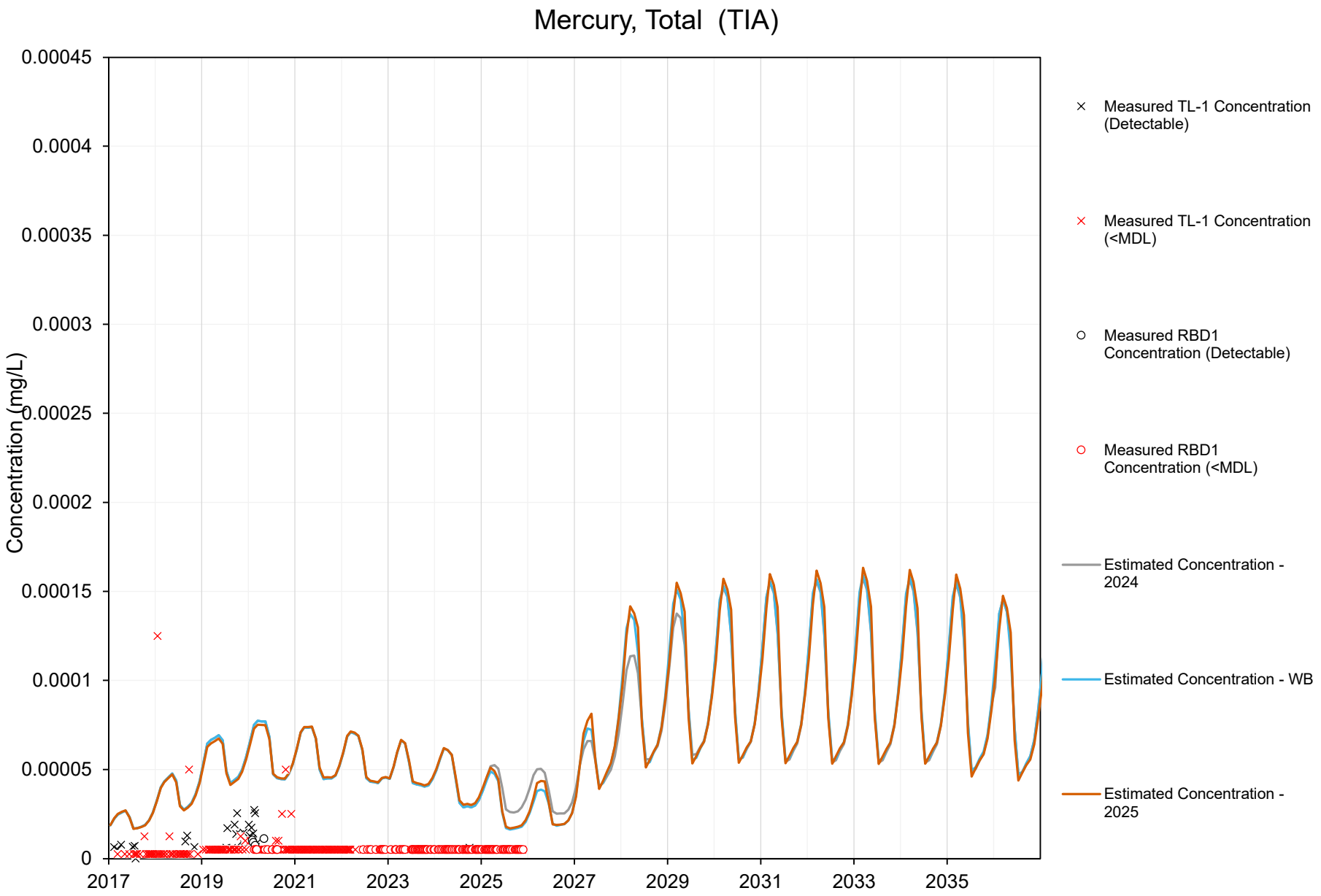

Chromium, Total (TIA)
Concentration (mg/L)
0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

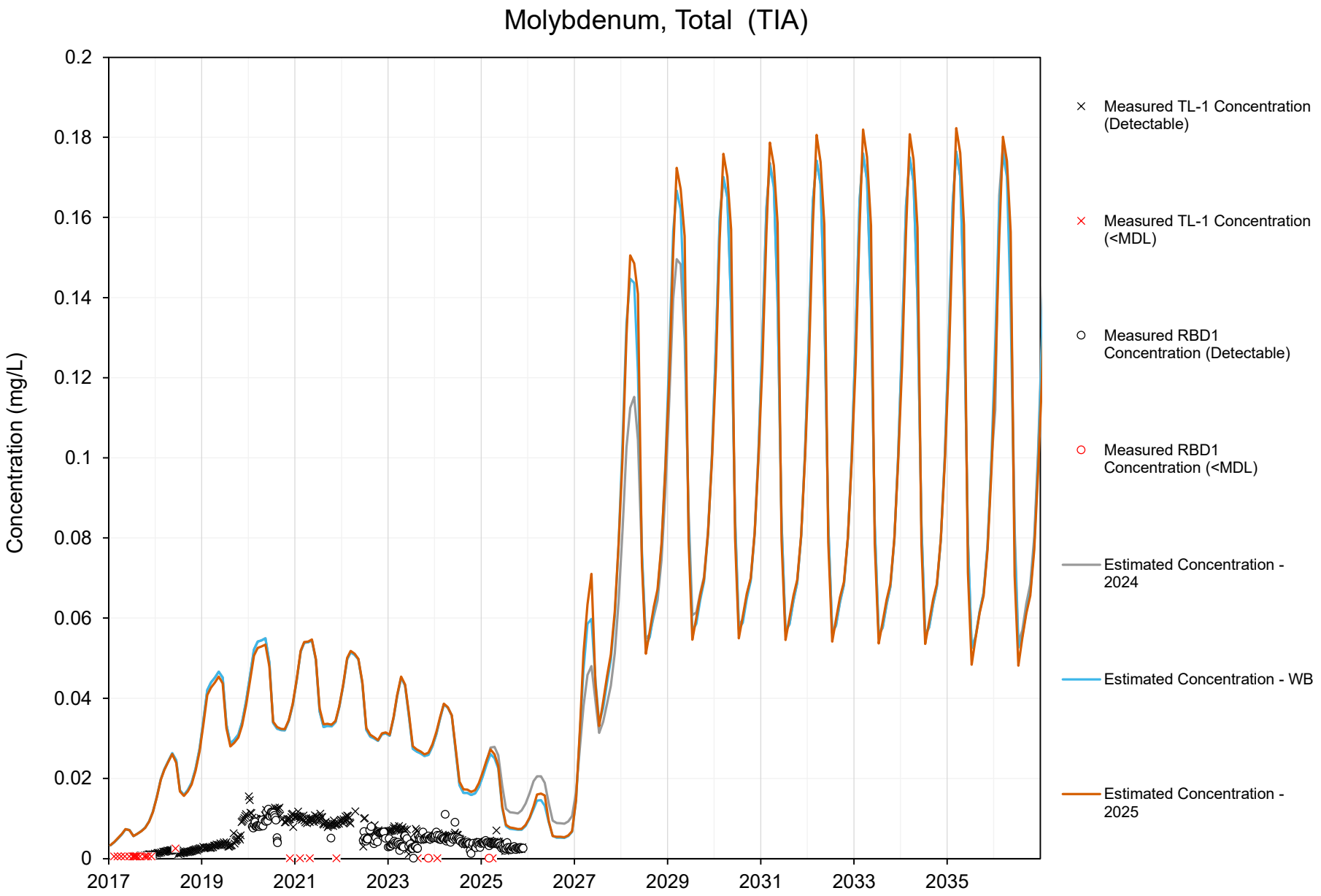

Copper, Total (TIA)
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025
MDMER Maximum Authorized Monthly Mean Concentration
MDMER Maximum Authorized Monthly Mean Concentration (after June 1, 2021 amendment)


Iron, Total (TIA)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

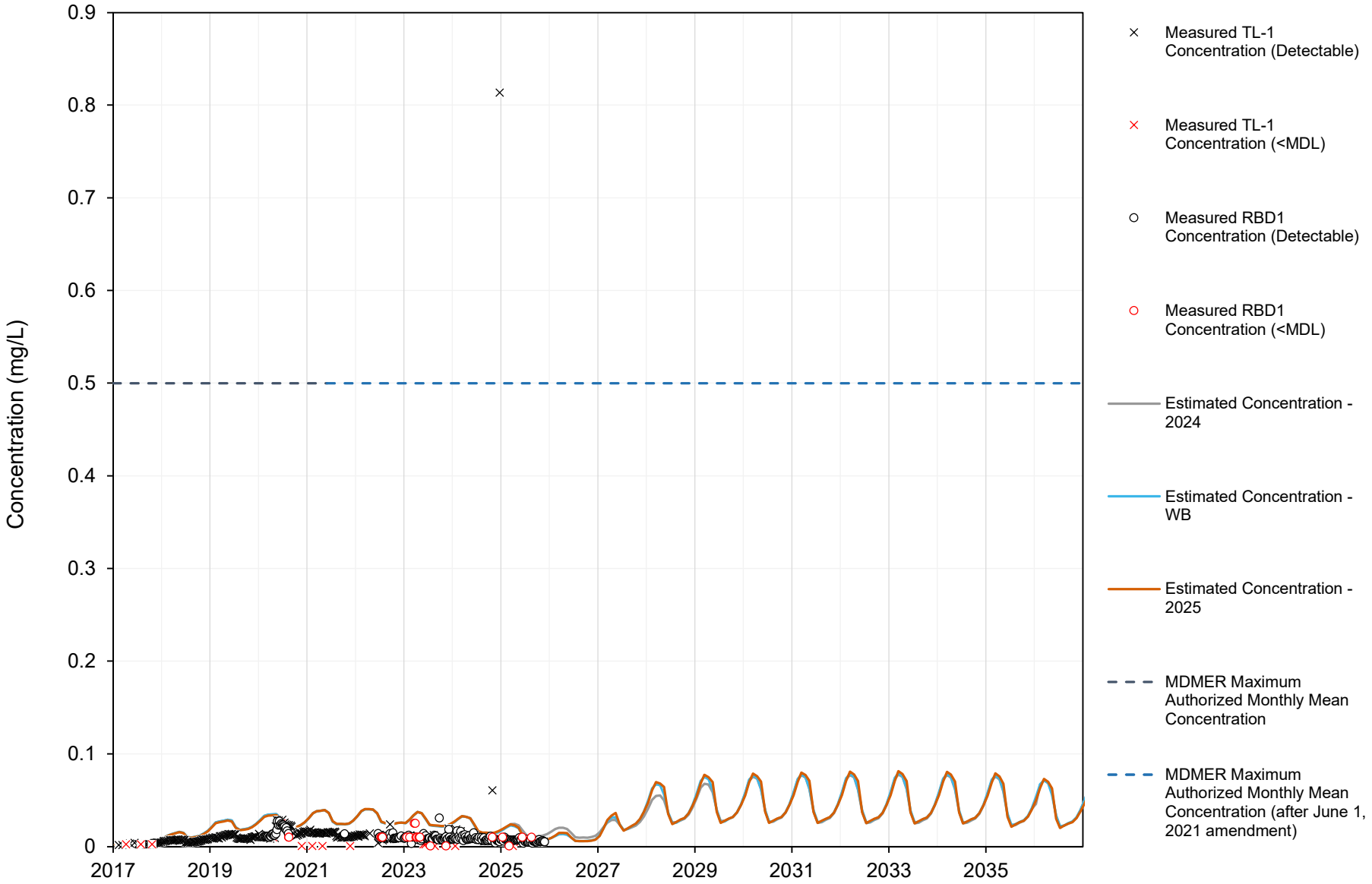

Lead, Total (TIA)
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025
MDMER Maximum Authorized Monthly Mean Concentration
MDMER Maximum Authorized Monthly Mean Concentration (after June 1, 2021 amendment)


Magnesium, Total (TIA)
Concentration (mg/L)
0
100
200
300
400
500
600
700
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

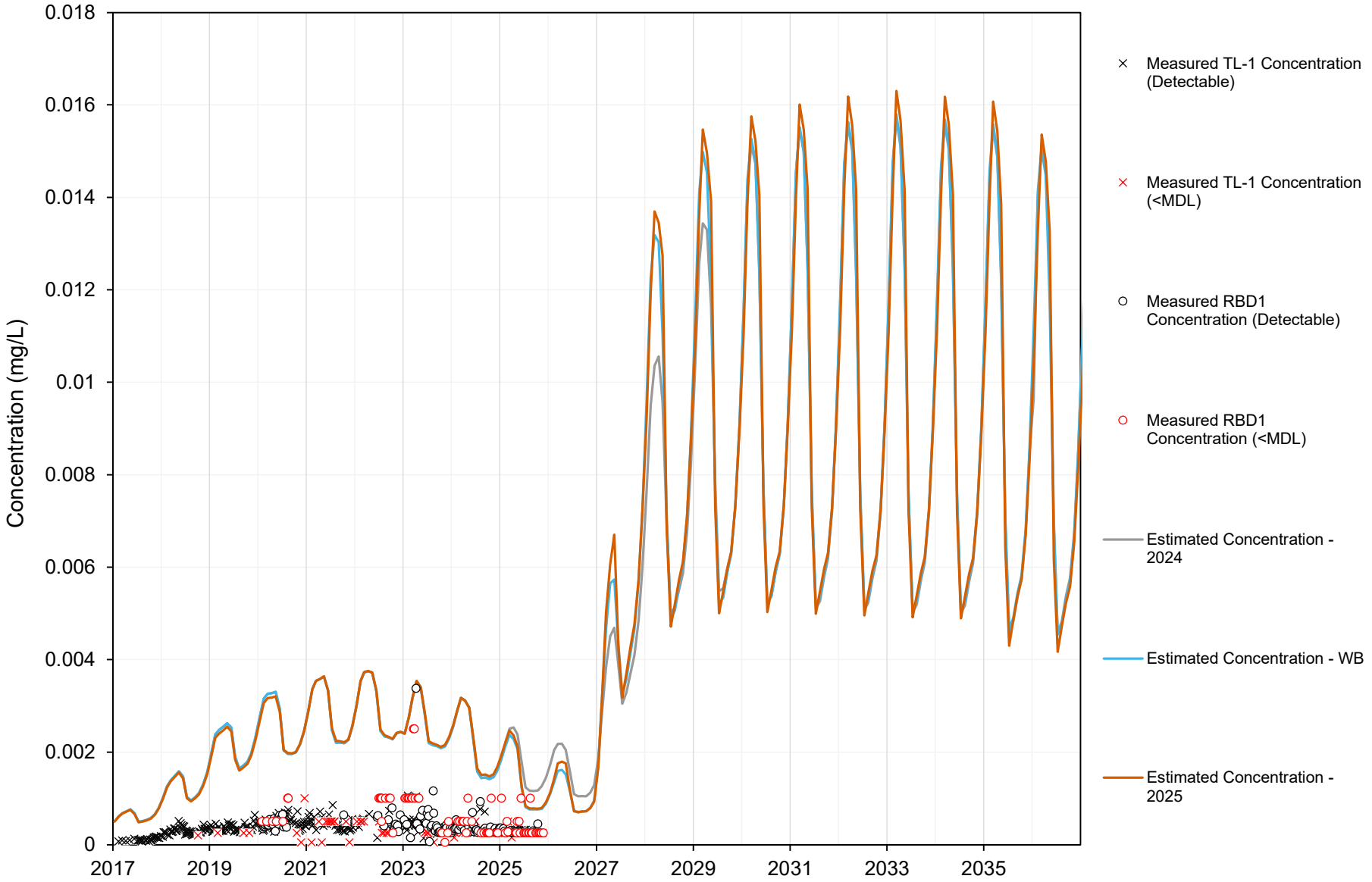

Mercury, Total (TIA)
Concentration (mg/L)
0.00045
0.0004
0.00035
0.0003
0.00025
0.0002
0.00015
0.0001
0.00005
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

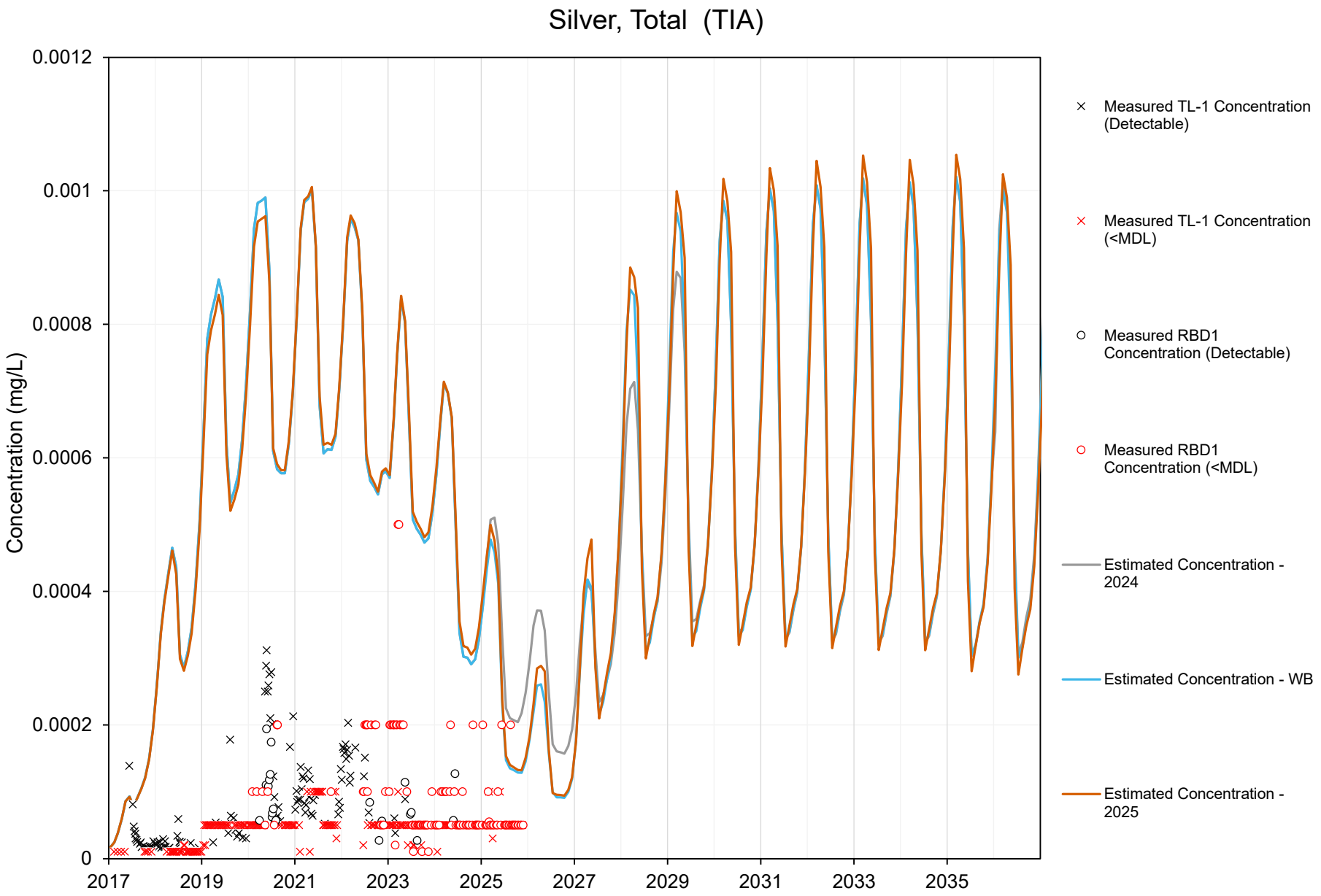

Molybdenum, Total (TIA)
Concentration (mg/L)
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025

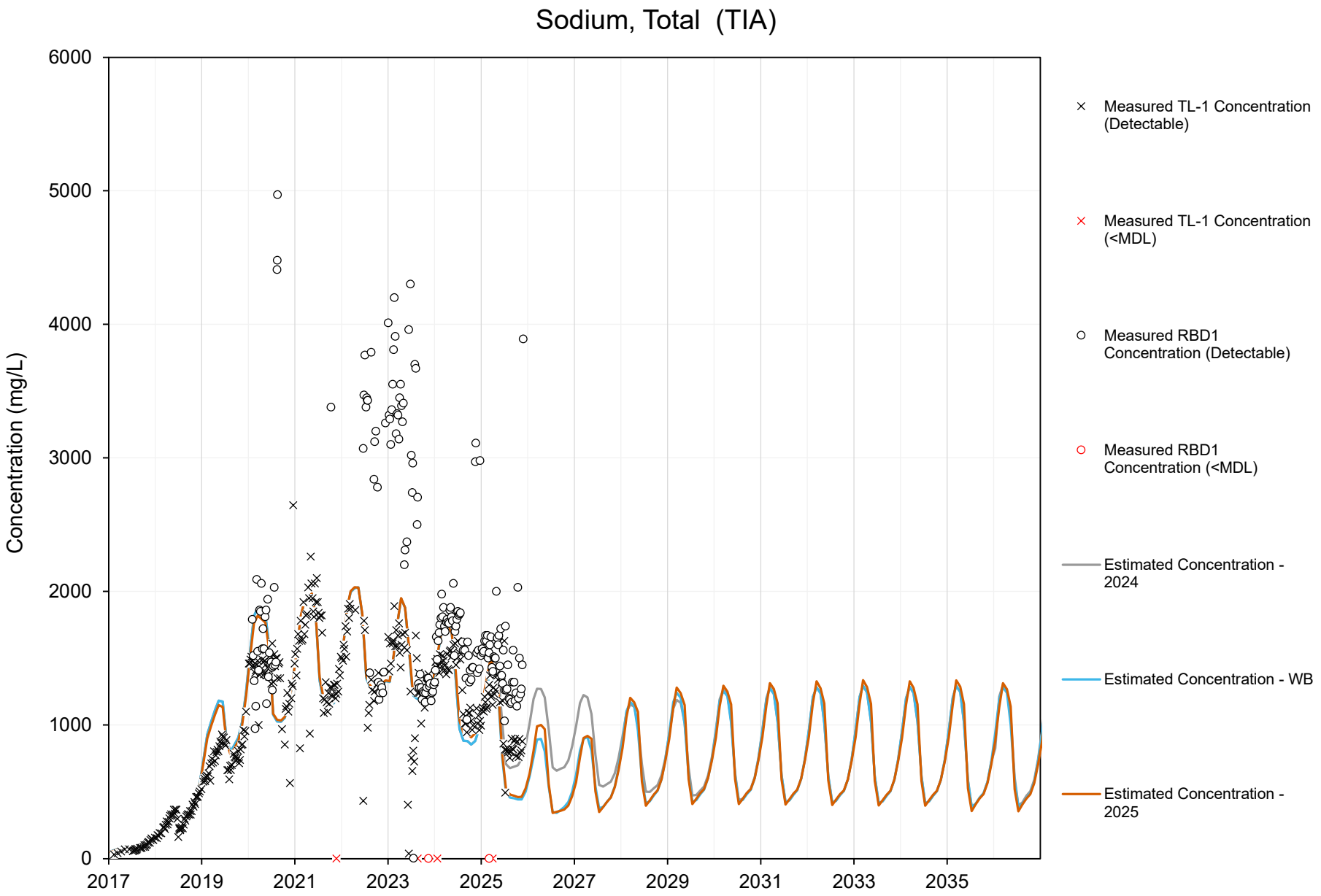
Nickel, Total (TIA)

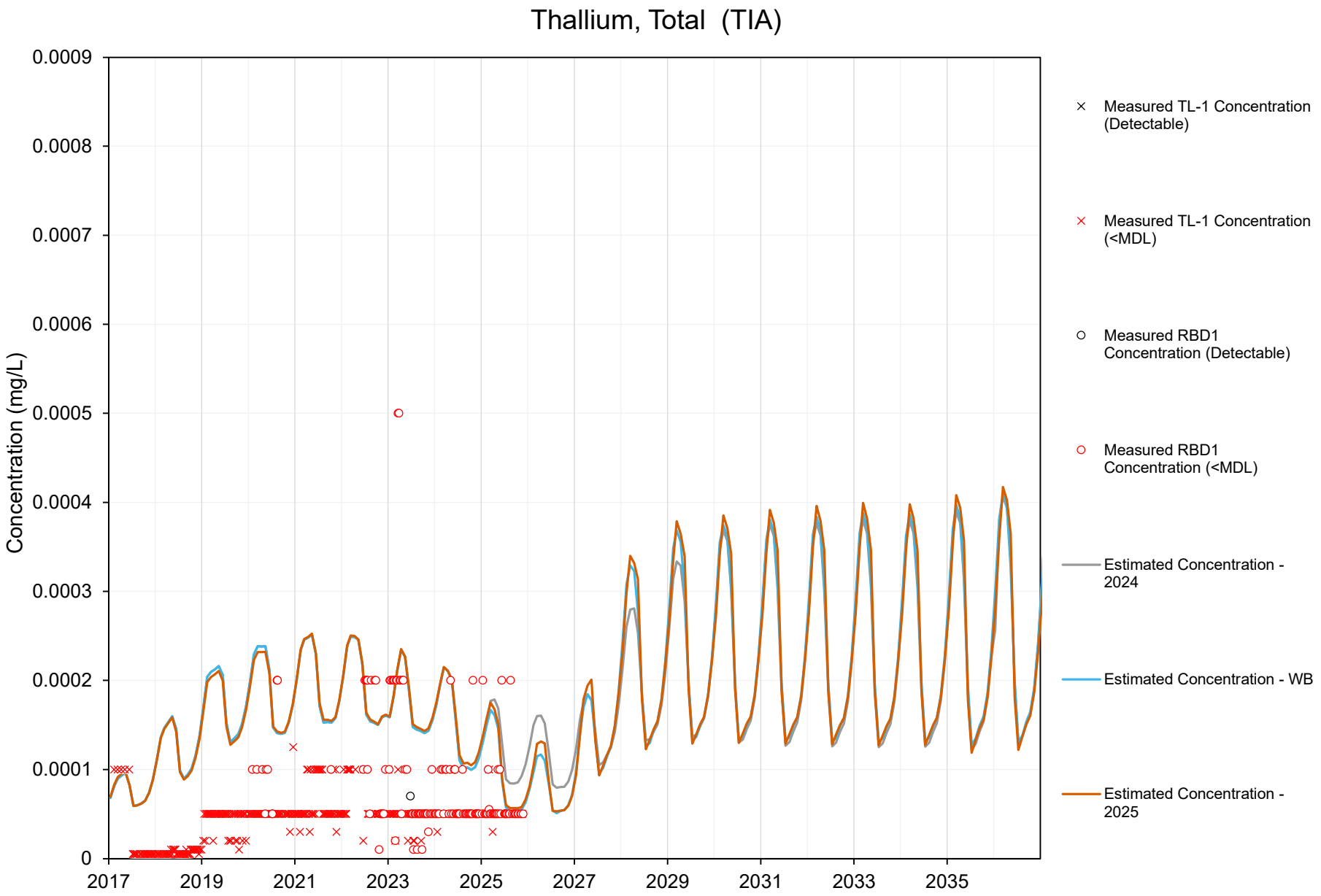


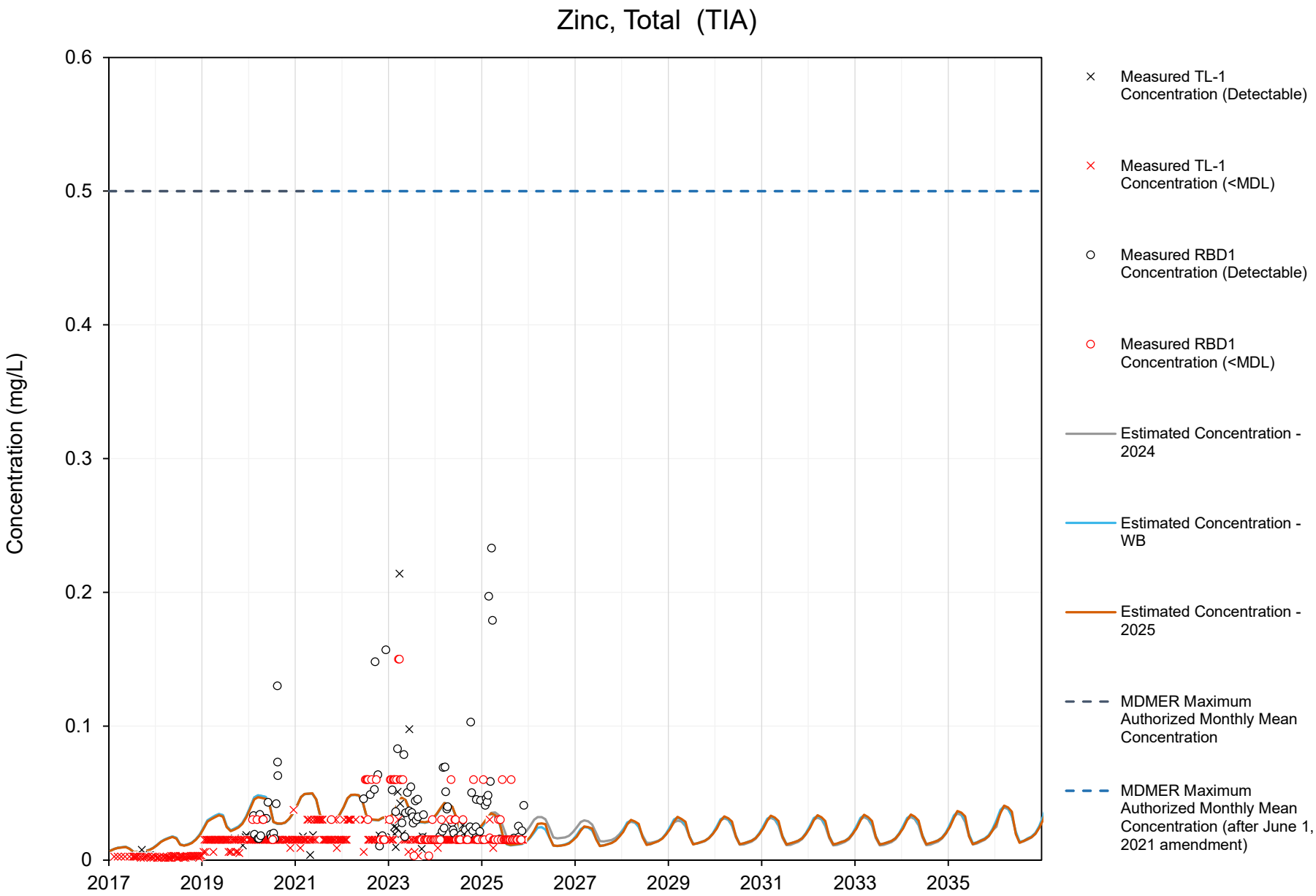
Selenium, Total (TIA)




Silver, Total (TIA)
Concentration (mg/L)
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025


Sodium, Total (TIA)
Concentration (mg/L)
6000
5000
4000
3000
2000
1000
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025


Thallium, Total (TIA)
Concentration (mg/L)
0.0009
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025


Zinc, Total (TIA)
Concentration (mg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
2017
2019
2021
2023
2025
2027
2029
2031
2033
2035
Measured TL-1 Concentration (Detectable)
Measured TL-1 Concentration (<MDL)
Measured RBD1 Concentration (Detectable)
Measured RBD1 Concentration (<MDL)
Estimated Concentration - 2024
Estimated Concentration - WB
Estimated Concentration - 2025
MDMER Maximum Authorized Monthly Mean Concentration
MDMER Maximum Authorized Monthly Mean Concentration (after June 1, 2021 amendment)

Phosphorus, Total (TIA)