Savannah River NUCLEAR SOLUTIONS℠

Effectiveness Monitoring Report (EMR) for the C-Area Groundwater (CAGW) Operable Unit (OU) Removal Action (U)

July 2023 through June 2024

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TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

LIST OF ABBREVIATIONS AND ACRONYMS

1,2-DCE	1,2-dichloroethylene
2Q22	second calendar quarter of 2022
2Q23	second calendar quarter of 2023
4Q22	fourth calendar quarter of 2022
amsl	above mean sea level
bgs	below ground surface
CAGW	C-Area Groundwater
CBRP	C-Area Burning/Rubble Pit
cis-1,2-DCE	cis-1,2-dichloroethylene
cm	centimeter
cm/yr	centimeters per year
CSM	conceptual site model
DO	dissolved oxygen
DPT	direct push technology
EMP	Effectiveness Monitoring Plan
EMR	Effectiveness Monitoring Report
ERH	electrical resistance heating
EQL	Estimated Quantitation Limit
FMB	Fourmile Branch
ft	feet
ft/yr	feet per year
gal	gallon
GAU	Gordon Aquifer Unit
GCU	Gordon Confining Unit
in	inch
in/yr	inches per year
IROD	Interim Record of Decision
km^2	square kilometers
L	liter
LAZ	Lower Aquifer Zone
µg/L	microgram per liter
m	meter
MAZ	Middle Aquifer Zone
MCL	maximum contaminant level
MDL	method detection limit
mi	mile
ML	multi-level
MNA	monitored natural attenuation
NTC	non-time critical
ORP	Oxidation-reduction potential
OU	Operable Unit
pCi/mL	picocurie per milliliter
PCE	tetrachloroethylene

LIST OF ABBREVIATIONS AND ACRONYMS *(Continued/End)*

RADP	removal action design plan
RA	removal action
RAO	removal action objective
RCRA	Resource Conservation and Recovery Act
RSER/EE/CA	Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis
SCDES	South Carolina Department of Environmental Services[1]
sMMO	Soluble methane monooxygenase
SQL	Sample Quantitation Limit
SRNS	Savannah River Nuclear Solutions, LLC
SRS	Savannah River Site
SVE	Soil vapor extraction
TCCZ	Tan Clay Confining Zone
TCE	trichloroethylene
TCLC	Tan Clay Lower Clay
TCUC	Tan Clay Upper Clay
TOC	total organic carbon
TPH	total petroleum hydrocarbons
trans-1,2-DCE	trans-1,2-dichloroethylene
UAZ	Upper Aquifer Zone
USDOE	U.S. Department of Energy
USEPA	U.S. Environmental Protection Agency
UTRA	Upper Three Runs Aquifer
VC	vinyl chloride
VOC	volatile organic compound
WSRC	Westinghouse Savannah River Company (before October 2005)
yr	Year

[1] South Carolina Department of Environmental Services (SCDES) was known as South Carolina Department of Health and Environmental Control (SCDHEC) prior to July 1, 2024.

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1.0 INTRODUCTION

Groundwater associated with the C-Area Groundwater (CAGW) Operable Unit (OU) is contaminated with tritium and volatile organic compounds (VOCs), primarily trichloroethylene (TCE), due to releases associated with reactor operations. The U.S. Department of Energy (USDOE), U.S. Environmental Protection Agency (USEPA), and South Carolina Department of Environmental Services (SCDES) agreed to conduct a non-time critical (NTC) removal action (RA) at the CAGW OU to reduce potential risk to human health and the environment. The CAGW OU NTC RA, conducted in July and August of 2019, focuses on the TCE contamination in the distal portion of the groundwater plume. This Effectiveness Monitoring Report (EMR), in addition to presenting annual data for the entire CAGW OU, is the fifth of five annual reports to document the effectiveness of the CAGW OU NTC RA.

2.0 OPERABLE UNIT DESCRIPTION AND HISTORY

C Area is situated near the center of the Savannah River Site (SRS) (Figure 1). The primary SRS operational facility in C Area was C-Reactor, which operated between 1955 and 1985. Known sources associated with reactor operations, such as the C-Reactor Seepage Basins (904-66G, -67G, -68G), C-Reactor Area TCE Vadose Zone Source, C-Reactor Purification Area Tritium Source, and other non-specified sources, resulted in tritium and VOC contamination in groundwater. Figure 2 depicts the various sources of contamination during operations and the 2023 CAGW OU TCE groundwater plume.

The CAGW OU is located in the Fourmile Branch (FMB) watershed and encompasses groundwater beneath C Area, which flows west to FMB and south to Castor Creek. The CAGW OU includes a groundwater subunit and a surface water subunit. The nature and extent of contamination at the CAGW OU was comprehensively investigated beginning in 1998 using groundwater monitoring wells and direct push technology (DPT) samples (Westinghouse Savannah River Company [WSRC] 2004). The groundwater subunit consists of two plumes: 1) a southern TCE and tritium plume originating near the Reactor Building (105-C) extending west to FMB and south to Castor Creek, and 2) a northern tritium plume in the vicinity of the Twin

Lakes drainage, originating near the Retention Basin for 100-C Containment (904-89G) and extending to FMB. VOC contamination in the Twin Lakes area is associated with releases from the C-Area Burning/Rubble Pit (CBRP) OU that is being remediated by monitored natural attenuation (MNA) and is not part of the CAGW OU scope.

The 2023-24 CAGW OU TCE groundwater plume extends south from the C Area Reactor Building (105-C) to Castor Creek and an unnamed tributary to Castor Creek (Figure 2). The fourth calendar quarter of 2023 (4Q23) CRGW OU TCE plume is depicted in Figure 2, because more C Area stations were sampled in 4Q23 than in the second calendar quarter of 2024 (2Q24).

SRS has identified the area in which groundwater contamination exceeds applicable MCLs and developed a boundary for the CAGW OU. The CAGW OU boundary (Figure 2) encompasses the groundwater exceeding tritium and/or TCE MCLs from C Area west to FMB and south to Castor Creek. The CAGW OU boundary comprises approximately 3.28 square kilometers (km^2) (811 acres). The TCE groundwater plume covers an area of approximately 0.48 km^2 (119 acres).

2.1 Removal Action Characterization, Objectives, and Implementation

In December 2016, the USDOE, USEPA, and SCDES identified the distal portion of the CAGW OU TCE plume as a candidate for an NTC RA. The Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) for CAGW OU (SRNS 2018b) evaluated the following three cleanup alternatives based on effectiveness, ease of implementation, and cost analysis: 1) No Action, 2) Treatment Barrier Using Emulsified Edible Oil, and 3) In Situ Chemical Oxidation Using Sodium Persulfate. The RSER/EE/CA was approved in 2018, and the Action Memorandum selected a Treatment Barrier Using Emulsified Edible Oil as the technology to implement in the distal portion of the plume. Tritium is not part of the CAGW OU NTC RA, but it is an important constituent to monitor in the overall CAGW OU.

To support the CAGW OU NTC RA, additional characterization of the discharge area of the distal plume conducted in 2017 to 2019 demonstrated that the TCE contamination is limited to the Middle Aquifer Zone (MAZ), which is about 3 meters (m) (10 feet [ft]) thick in the injection areas and about 5 m (16.4 ft) thick along the discharge zone to the unnamed tributary. The 2019 pre-injection baseline data, included on Figure 3, indicate the margins of the distal TCE plume have

shifted slightly towards the east relative to the 2016 CAGW OU TCE plume location. Six wells (CRW023C, CRW024C, CRW025C, CRW026C, CRW027C, and CRW028C) were installed in 2018 and 2019 to collect baseline data and monitor the effectiveness of the CAGW OU NTC RA (Figure 3). Of these six wells, well CRW024C had the highest TCE result (30.6 microgram per liter [µg/L]) in the 2019 baseline sampling. CRW024C was installed up-gradient of CAGW OU Oil Injection Area 1, and CRW023C was installed up-gradient of CAGW OU Oil Injection Area 2 (Figure 3). At well CRW023C the highest TCE result in the 2019 baseline sampling was 18.1 µg/L. In 2019, TCE was above the maximum contaminant level (MCL) (5.0 µg/L) in three surface water stations: CCT-03 (10.9 µg/L), CCT-02 (6.62 µg/L), and CCT-01 (9.38 µg/L). These three surface water stations are located on the small unnamed tributary that discharges to Castor Creek (Figure 3). TCE has been detected in Castor Creek above detection limits but has not been detected above the MCL.

The CAGW OU NTC removal action objective (RAO) is to protect human health and the environment by reducing the mass of TCE in groundwater (USDOE 2018). The CAGW OU NTC RA will reduce TCE concentrations discharging to surface water and support the final remedial action for the CAGW OU. There is no current or projected future use of groundwater or surface water as a drinking water source at the CAGW OU, and site access is currently controlled by SRS facility security and administrative controls. Site specific land use controls are expected to be part of the final remedial action for the CAGW OU.

As stated in the Removal Action Design Plan (RADP) (SRNS 2018a), the selected NTC RA for the CAGW OU groundwater TCE plume consisted of injecting an emulsified oil mixture and bioaugmentation supplement along two transects to create two treatment barriers in the MAZ perpendicular to the groundwater flow (Figure 3). The design is for emulsified oil to sequester TCE, create an anoxic zone, and then allow *Dehalococcoides* to biodegrade TCE within the barriers. This is in addition to other MNA mechanisms (e.g., sorption, volatilization, diffusion, dilution, dispersion, and decay). Fifteen DPT injection points were used to create two treatment barriers (Figure 3): 5 injection points approximately 20.2 to 23.2 m (66 to 76 ft) below ground surface (bgs) and 10 injection points approximately 10.1 to 13.1 m (33 to 43 ft) bgs in the distal portion of the groundwater plume location. Each injection was within a 3.05-m (10-ft) section of

the MAZ where the groundwater TCE contamination is present. The groundwater was augmented with 2 liters (L) (0.528 gallons [gal]) of unconcentrated EOS Bioaugmentation Culture (BAC-9), an enriched bioaugmentation culture of *Dehalococcoides mccartyi* and enzymes in a water-based medium, known to biodegrade TCE. The emulsified oil mixture consisted of EOS100™ emulsified oil, dilution water with a dechlorination agent (ascorbic acid), and a buffer (EOS CoBupHMg™) to raise the groundwater pH to approximately 7. After half of the emulsified oil mixture was injected at a location, then 2 L (0.528 gal) of unconcentrated EOS BAC-9 was injected, then the 2nd half of the oil mixture, followed by 151 L (40 gal) of EOS CoBupHMg™ mixed with 757 L (200 gal) of water, and finally 1,135 L (300 gal) of chase water.

2.2 CAGW OU NTC RA Boundary and Monitoring Network

The NTC RA treatment barriers address the distal portion of the TCE groundwater plume along a linear area of 357 m^2 (3,840 ft^2) prior to discharging into an unnamed tributary to Castor Creek (Figure 3). The total treatment area from the NTC RA treatment barriers to the unnamed tributary is approximately 12,000 m^2 (2.97 acres).

As outlined in the RADP with Effectiveness Monitoring Plan (EMP) (SRNS 2018a), the monitoring network at the NTC RA includes five primary monitoring wells (CRW23C, CRW024C, CRW026C, CRW027C, and CRW028C) and four primary surface water stations (CCT-01, CCT-02, CCT-03, and CC-08) (Figure 3). In 2022, two additional primary monitoring wells (CRW029C and CRW030C) were installed within each transect of the two emulsified oil BioBarriers in the subsurface (Figure 4). Wells CRW029C and CRW030C will identify conditions within each injection zone three to five years after injections. In addition, semi-annual sampling is conducted at nine peripheral monitoring stations: three monitoring wells (CSB 15D, CSB020C, and CRW025C), four seepline stations (CCSL-08, CCSL-11, CCSL-14, and CCSL-23R) and two surface water stations (CC-05 and CC-07). CSB 15D and CSB020C serve as NTC RA background well locations, and the other peripheral stations are monitored to determine if there are changes in groundwater quality outside the treatment area. Analyses include the following: VOCs (tetrachloroethylene [PCE], TCE, cis-1,2-dichloroethylene (cis-1-2-DCE), chloroethene [vinyl chloride (VC)]), and dissolved gases (ethylene, ethane, and methane), chloride, pH, dissolved oxygen (DO), nitrate, oxidation-reduction potential (ORP), sulfate, and total organic carbon (TOC)

to identify the effects of the edible oil injections. Results for pH, DO, methane, nitrate, ORP, sulfate, and TOC are used to assess the conditions favorable for anaerobic biodegradation as a result of emulsified oil injections in an aquifer. The PCE, TCE, cis-1-2-DCE, VC, ethylene and chloride results are used to observe reductive dechlorination. Semi-quantitative microbiological analyses are conducted at applicable well locations to supplement the assessment of reductive biological processes, as well as aerobic biological processes.

2.3 Physiographic Setting

The CAGW OU boundary extends west and south of C Area (Figure 1). It is located on a broad, convex ridge within the FMB watershed. Local relief ranges from 89.9 m (295 ft) above mean sea level (amsl) to 48.2 m (158 ft) amsl along FMB and 48.8 m (160 ft) amsl along Castor Creek. The ground surface slopes gently to the west from the C Area to FMB and Castor Creek, though during reactor operations the reactor discharge water eroded Castor Creek downward approximately 4.6 to 6.1 m (15 to 20 ft). FMB discharges into the Savannah River floodplain and associated swamps about 13 km (8 miles [mi]) downstream from its confluence with Castor Creek.

2.4 Hydrogeologic Setting

A detailed description of the hydrostratigraphic units relevant to the CAGW OU can be found in the Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation report (WSRC 2004a).

The Floridan aquifer system is the aquifer system of concern within the CAGW OU area. The system is divided into two aquifer units separated by a confining unit. From top to bottom, they are known as the Upper Three Runs Aquifer (UTRA), the Gordon Confining Unit (GCU), and the Gordon Aquifer Unit (GAU). The UTRA occurs between the water table surface and the GCU. The UTRA is divided into three aquifer zones: The Upper Aquifer Zone (UAZ); the MAZ; and the Lower Aquifer Zone (LAZ). The UAZ and LAZ are divided by an informal aquitard referred to as the “Tan Clay Confining Zone” (TCCZ). The MAZ resides as a sand to silty-sand to clayey-silty-sand zone between the Tan Clay Upper Clay (TCUC) and Tan Clay Lower Clay (TCLC) layers of the TCCZ (Figure 5). The MAZ is the target of the NTC RA in the distal portion of the TCE plume and consists of a permeable sand to silty-sand in that area. While the hydraulic conductivities vary

within each of the aquifer zones, the overall average groundwater velocity is 70 feet per year (ft/yr) for the UTRA between C Area and the points of discharge along FMB and Castor Creek (WSRC 2001).

The Conceptual Site Model (CSM) for the CAGW OU TCE plume included results from a vadose zone VOC source area south of the C-Reactor Assembly Area that was depleted by electrical resistance heating and soil vapor extraction (ERH-SVE) in 2006. TCE is then transported in the UAZ towards Castor Creek. Particle track analysis indicates it takes between 20 and 35 years for groundwater in C Area to reach points of discharge along Castor Creek (WSRC 2001). As TCE is transported from C Area to the point of discharge, the plume descends into the MAZ, and attenuation decreases the concentration of TCE in the groundwater during transport. Very little biodegradation occurs during transport from C Area to Castor Creek, rather the CSM considers biodegradation to occur only at the wetland areas along Castor Creek as the TCE plume is discharging through the organic rich sediments. The CAGW OU NTC RA was designed to augment biodegradation in the MAZ before groundwater discharges into an unnamed tributary to Castor Creek (Figure 6).

The average rainfall for SRS, based on 1990 through 2021 data, is 120.3 centimeters per year (cm/yr) (47.36 inches per year [in/yr]), based on data from the 773-A rain gauge (SRNL 2022). The average annual rainfall since SRS began collecting data (1952 - 2019) is 122.3 cm/yr (48.14 in/yr) (SRNL 2020). In 2023, SRS received 157.56 centimeters (cm) (62.03 inches [in]) of rainfall, based on data from the C Area rain gauge, which is significantly higher than the SRS 30-year average. In 2024, C Area has received 53.34 cm (21.00 in) of rainfall from January 1 to June 30, 2024, based on data from the C Area rain gauge. This is lower than the average for the first half of the year, which is 63.25 cm (24.9 in). The annual average groundwater recharge is estimated at 31.75 cm/yr (12.5 in/yr), while the remainder is lost to evapotranspiration or run-off to surface water (WSRC 2003).

3.0 MONITORING AND REPORTING

3.1 Groundwater Monitoring Network

Monitoring results are discussed in text and presented in the appendices. Appendix A tabulates monitoring data from July 2023 to June 2024 for all wells in the CAGW OU NTC RA monitoring network. Appendix B presents hydrographs of water levels at the CAGW OU NTC RA monitoring locations since 2000. Appendix C consists of time-series plots of VOCs, methane and tritium at the CAGW OU NTC RA monitoring points since 2000. Appendix D contains plume maps with 4Q23 TCE concentrations depicted and includes all the CAGW OU monitoring stations. Appendix E contains the potentiometric surface maps for the various aquifers for the 4Q23 using all the CAGW OU monitoring stations. Appendix F contains all the broader CAGW OU monitoring data.

3.1.1 CAGW NTC RA Groundwater Monitoring Network

The CAGW OU NTC RA start date was on July 10, 2019; all injection activities ended on August 12, 2019.Sampling of the CAGW OU NTC RA monitoring network began in November 2019. The sampling and reporting schedule for monitoring wells, seepline stations, and surface water stations was established in the RADP with EMP (SRNS 2018a) as shown in Table 1.

The CAGW OU NTC RA monitoring network now includes a total of 20 monitoring stations (10 wells, 4 seepline stations, and 6 surface water stations). The 4Q23 TCE concentrations for the CAGW OU NTC RA are depicted in Figure 4. Monitoring data from the 20 primary and peripheral effectiveness monitoring stations are used to assess the effectiveness of the CAGW OU NTC RA treatment barriers on TCE groundwater concentrations. The effectiveness monitoring network overall is designed to verify the attainment of the CAGW OU NTC RAOs.

In April through June of 2019, three rounds of baseline sampling were conducted on the nine primary stations (CRW023C, CRW024C, CRW026C, CRW027C, CRW028C, CCT-01, CCT-02, CCT-03, and CC-08), and one round of sampling was conducted on the nine peripheral/background stations (CRW025C, CSB 15D, CSB020C, CCSL-08, CCSL-11, CCSL-14, CCSL-23R, CC-05, and CC-07). In October through December 2019, the first round of effectiveness monitoring sampling was conducted on the same nine primary stations, which consisted of three monthly samples. However, because the BioTrap samples, which provide DNA

evidence of microbial populations in the subsurface, require a 30-day deployment period, the actual sample collection occurred one month later (November, December, and January). In November 2019, one round of sampling was conducted on the nine peripheral stations. In 2020, effectiveness monitoring quarterly samples were collected in February, June, September, and December for the nine primary stations. In June and December 2020, semi-annual effectiveness monitoring samples were collected at the nine peripheral stations. In 2021 and 2022, the first semi-annual samples were collected in June for the nine primary stations and the nine peripheral stations, and the second semi-annual samples were collected in November 2021 and 2022. In 2023, the first semi-annual samples were collected in June for the now 11 primary stations and the nine peripheral stations, and the second semi-annual samples were collected in December 2023. In 2024, the first semi-annual samples were collected in June for the 11 primary stations and the nine peripheral stations, and the second semi-annual samples will be collected in December 2024.

3.1.2 CAGW OU Groundwater Monitoring Network

The CAGW OU monitoring network includes an additional 63 monitoring stations (49 wells, 4 seepline stations, and 10 surface water stations) (Figure 7), which were sampled annually for VOC and tritium analyses in 2023. Wells CRW 1A and CRW 1D are background wells for the CAGW OU monitoring network. In 2024, the CAGW OU multi-level (ML) monitoring wells, monitoring wells, and seepline stations will be sampled annually, while the surface water stations will be sampled semi-annually. ML monitoring wells have two or three screen zones that are isolated from each other and have two or three 1-inch PVC risers within a 4-inch PVC casing to each screen zone for sampling. The overall CAGW OU monitoring network is used to evaluate if the tritium and VOC plumes are contracting or expanding in the UTRA, and attenuation over time as the plumes travel from the source areas to the points of discharge (Figure 2).

3.2 Groundwater Elevation Measurements and Groundwater Flow Direction

Historic groundwater elevations, extending from 2000 to present, are displayed as hydrographs in Appendix B. Potentiometric surfaces for December 2023 are also mapped for each aquifer (Appendix E).

Within the CAGW OU boundary, groundwater in the UTRA flows west from C-Area OU toward FMB and south toward Castor Creek (Appendix E). Water elevations in the UAZ within C Area at long-term water table wells (CDB 1, CDB 2, and CDB003D) show a historic low of approximately 62.5 m (205 ft) amsl in 2012, followed by an increasing trend of up to 66.0 m (216.55 ft) amsl in 2020 at CDB 2, but since then they had a decreasing trend to approximately 63.7 m (209 ft) amsl at CDB003D in November 2023 (Figure 8). Groundwater within the GAU flows west toward FMB.

Within the CAGW OU NTC RA area, the top of the water table is within the MAZ, and groundwater discharges towards the unnamed tributary to Castor Creek and to Castor Creek (Figure 3). Water elevations in MAZ NTC RA background wells CSB 15D and CSB020C, side-gradient to the CAGW OU NTC RA areas, had a similar pattern as the CDB wells with historic lows in 2012 (51.3 m [168.18 ft] amsl and 53.5 m [175.5 ft] amsl, respectively), then increasing until June 2020 (52.5 m [172.36 ft] amsl and 55.3 m [181.47 ft] amsl, respectively). In May 2024, the MAZ water elevations ranged between 52.9 m (173.43 ft) amsl at CSB 15D and 54.3 m (178.24 ft) amsl at CSB020C along Road 3 (Figure 9).

3.3 Groundwater Sampling and Analyses

3.3.1 CAGW OU NTC RA Groundwater Sampling and Analyses

Per the EMP (SRNS 2018a), monitoring station samples are analyzed for 14 laboratory constituents:

- 1,2-dichloroethylene (1,2-DCE)
- chloride
- cis-1,2-DCE
- ethylene
- methane
- microbial population counts
- nitrate
- sulfate
- PCE
- TOC
- trans-1,2-DCE
- TCE
- tritium
- VC

Per the EMP (SRNS 2018a), monitoring well samples are analyzed for eight field constituents:

- ORP
- DO
- pH
- conductivity
- alkalinity
- turbidity
- water temperature
- depth to water (wells)

Tritium is not part of the CAGW OU NTC RA, but it is an important constituent in the overall CAGW OU. The sampling frequency for all effectiveness monitoring stations and analyses is provided in Table 1. Sample results are evaluated to determine if biodegradation is increasing within the NTC RA area. The concentrations of the VOC constituents are also compared to the respective MCLs (Table 2).

CRW023C and CRW024C were installed slightly up-gradient of Oil Injection Area 1 and Area 2, respectively (Figure 3). Field and laboratory data indicate the oil injections have impacted these wells, therefore CRW023C and CRW024C are included with the down-gradient primary wells for data evaluation. Monitoring wells (CRW026C through CRW030C) within and down-gradient of injection areas were expected to have TCE groundwater concentrations decreasing below 5 µg/L over a 3- to 5-year period. An increase in TCE biodegradation products (e.g., cis-1,2-DCE, VC, and ethylene) and chloride was also expected to occur at the down-gradient wells over a 3- to 5-year period. Changes in field measurements, such as increasing pH, and alkalinity with decreasing oxygen and ORP, indicate conditions favorable for TCE biodegradation and were expected to be observed over a 3- to 5-year period. Microbial counts, especially of anaerobic bacteria, were also expected to increase in the groundwater samples over a 3- to 5-year period.

Methane is an indication of anaerobic conditions, but methane has also been shown to stimulate indigenous aerobic microbes that can (co)metabolize TCE (Hazen 2010). (Co)metabolism is the process by which a contaminant (e.g., TCE) is fortuitously degraded by an enzyme or cofactor produced during microbial metabolism of another compound (e.g., methane). The aerobic (co)metabolic microbes are dependent upon enzymes (e.g., methane monooxygenase, toluene dioxygenase, toluene monooxygenase, and ammonia monooxygenase) to biodegrade chlorinated VOCs (Hazen 2010). These enzymes are extremely strong oxidizers (e.g., methane monooxygenase is known to degrade over 300 different compounds) (Hazen 2010). Soluble methane monooxygenase (sMMO) induces the formation of TCE-epoxide from TCE (Hazen

2010). All of the TCE-epoxide daughter compounds are either unstable or small and easily metabolizable compounds, thus making the almost immediate end products, carbon dioxide and chloride salts (Hazen 2010).

3.3.2 CAGW OU Groundwater Sampling and Analyses

The routine CAGW OU monitoring station samples are analyzed for the following laboratory constituents:

- 1,2-DCE
- cis-1,2-DCE
- PCE
- total petroleum hydrocarbons (TPH)*
- trans-1,2-DCE
- TCE
- tritium
- VC

* Only well CRW022D samples are analyzed for TPH diesel range organics, as it monitors a remediated diesel storage tank site.

The routine CAGW OU monitoring stations receive the following field measurements:

- ORP*
- DO*
- pH
- conductivity
- alkalinity
- turbidity
- water temperature
- depth to water (Wells)

* Only measured at seepline stations

The sampling and analysis frequency for the CAGW OU monitoring stations is annual with semi-annual sampling for 13 wells, seepline stations, and surface water stations (Table 4). Sample results are evaluated to determine overall long-term trends for the tritium and TCE plumes.

3.4 Groundwater and Surface Water Compliance

All prescribed effectiveness monitoring samples were successfully collected in 4Q23 and 2Q24. Appendix A provides the results for all the CAGW OU NTC RA groundwater and surface water sampling. Appendix C provides time-series plots for the CAGW OU NTC RA stations for the VOCs, and tritium is included as it is a CAGW OU contaminant of concern. TCE groundwater concentrations up-gradient of the CAGW OU NTC RA have remained elevated at CRW024C,

installed up-gradient of CAGW OU Oil Injection Area 1 (Figure 4 and Appendix A). From June 2020 to June 2022, TCE concentrations decreased slightly at six of the CAGW OU NTC RA primary effectiveness monitoring stations (CRW023C, CRW026C, CCT-01, CCT-02, CCT-03, and CC-08), but TCE concentrations have increased since then, and nearly all CAGW OU NTC RA primary effectiveness monitoring stations had significantly increased TCE concentrations from 2022 to June 2024 (Figure 10 and Figure 11). Only TCE and tritium exceeded MCLs in groundwater samples collected during the 4Q23 and 2Q24 sampling periods (Appendix A).

Appendix D consists of plume maps showing TCE concentrations in groundwater and surface water for 4Q23, as this is the quarter when the most wells are sampled. Other VOC contaminants associated with CAGW OU NTC RA are not included in Appendix D because they 1) generally coincide with the TCE contamination; 2) are below MCLs; and 3) behave similarly in groundwater as TCE.

TCE and tritium concentrations in groundwater for the overall CAGW OU during 2023-2024 generally showed continued long-term decreasing trends. In 2Q24, at wells CRW020D and CRW021DR, TCE groundwater concentrations (82.0 µg/L and 33.0 µg/L, respectively) indicate the former source area is below 100 µg/L near the C Area Reactor Building (105-C) in the UAZ of the UTRA (Figure 12). In 2Q24, CSB 15D and CSB020C groundwater TCE concentrations (30.2 µg/L and 28.6 µg/L, respectively) exceeded the TCE MCL (5 µg/L) (Figure 10). NTC RA background wells CSB 15D and CSB020C are located at the distal portion of the plume up- and side-gradient to the CAGW OU NTC RA areas in the MAZ of the UTRA. CSB 15D and CSB020C are located within the MAZ TCE plume in a portion that is not impacted by the NTC RA and therefore provide background data for comparison. In the middle portion of the CAGW OU TCE plume, lower levels of VOC contamination are present (Appendix D). Results from samples of the unnamed tributary to Castor Creek indicated elevated levels of TCE and tritium (Figure 11 and Appendix A). Sample results for specific constituents are described below for both the CAGW OU NTC RA effectiveness monitoring stations and the overall CAGW OU monitoring stations.

3.4.1 CAGW OU NTC RA

3.4.1.1 Trichloroethylene

Wells CRW023C and CRW024C are slightly upgradient of the oil injection areas, but field and laboratory data indicate the oil injections have impacted these wells, therefore these wells are included with the down-gradient wells for data evaluation. Wells CRW029C and CRW030C are included in the 2022 through 2024 average calculations for TCE concentrations within the RA areas to provide the best current estimate of groundwater TCE concentrations.

In 2019, the maximum baseline TCE groundwater concentration was 41.3 µg/L at well CSB 15D for the 18 CAGW OU NTC RA effectiveness monitoring stations. In 4Q23, the maximum TCE result was 40.1 µg/L at well CRW027C for the 2023 CAGW OU NTC RA effectiveness monitoring stations. In November 2022, at primary groundwater monitoring well CRW023C TCE concentrations decreased to 3.69 µg/L, but in 2Q24 well CRW023C had the maximum TCE result (51.1 µg/L) for all 20 CAGW OU NTC RA effectiveness monitoring stations (Table 3).

At primary groundwater monitoring well CRW024C, TCE concentrations have decreased in 2022 and 2023, but increased in 2024 with a 2Q24 concentration of 15.4 µg/L (Figure 10). At NTC RA background wells CSB 15D and CSB020C, the 4Q23 and 2Q24 maximum groundwater concentrations exceed the MCL (5 µg/L), though groundwater TCE concentrations decreased in 4Q23 and then slightly increased 2Q24 (Figure 14). Monitoring well CRW023C had increasing TCE groundwater concentrations in 4Q23 and in 2Q24 (Figure 10). TCE sample concentrations exceeded the MCL at 15 of the 20 monitoring stations during the 4Q23-2Q24 sampling period, including the newly installed wells CRW029C and CRW030C. All three surface water stations (CCT-01, CCT-02 and CCT-03) in the unnamed tributary had TCE concentrations exceeding the MCL in 4Q23, but in 2Q24 all three stations had slightly lower TCE concentrations (Figure 11). The MAZ and surface water body within the CAGW OU NTC RA portion of the TCE plume is discussed in detail below.

Middle Aquifer Zone (MAZ)

TCE concentrations for MAZ stations are shown in Appendix A, Appendix C (C-124 to C-127; C-131 to C-140) and Appendix F, while the TCE plume for the combined UAZ-MAZ is depicted in Appendix D, Figure D-1.

The CAGW OU NTC RA targeted TCE contamination in the MAZ before groundwater discharges to an unnamed tributary to Castor Creek. All 20 CAGW OU NTC RA monitoring stations are screened in the MAZ or monitor surface water receiving groundwater discharge from the MAZ. In 2Q24, CAGW OU NTC RA monitoring wells CRW023C and CRW026C had the highest TCE groundwater concentrations (51.1 µg/L and 43.2 µg/L, respectively), which exceed the MCL (5 µg/L) and these TCE concentrations are an increase from June 2022. Wells CRW024C and CRW023C are slightly up-gradient of injection Areas 1 and 2, respectively, but have shown some changes from the CAGW OU NTC RA. Groundwater at these wells had decreasing groundwater TCE concentrations in 4Q22, but both had increasing TCE concentrations in 2Q24 (Figure 10). Down-gradient wells CRW026C, CRW028C, CRW029C and CRW030C had increasing groundwater TCE concentrations in June 2024 (Figure 10).

The overall average groundwater concentrations within the CAGW OU NTC RA treatment area had initially decreased relative to the 2019 baseline conditions. In June 2022, the average TCE concentration was 7.65 µg/L for the seven primary groundwater monitoring wells (CRW023C, CRW024C, CRW026C, CRW027C, CRW028C, CRW029C, and CRW030C), which was about a 28% decrease from the June 2019 average TCE concentration (12.32 µg/L) for the five primary groundwater monitoring wells (CRW023C, CRW024C, CRW026C, CRW027C, and CRW028C) (Figure 15). Since 2Q22, the average TCE concentration has increased to 36.29 µg/L in 2Q24 for the seven primary groundwater monitoring wells (CRW023C, CRW024C, CRW026C, CRW027C, CRW028C, CRW029C, and CRW030C), and indicating the BioBarriers are no longer effective (Figure 15). In comparison, the two NTC RA background wells, CSB 15D and CSB020C decreased to an average TCE concentration of 29.40 µg/L in 2Q24, down from the June 2019 baseline average of 33.6 µg/L, about a 12.5% decrease.

From 2019 baseline to 2Q22, the difference in TCE reduction between the primary NTC RA groundwater monitoring wells and the NTC RA background monitoring wells is an indication the CAGW OU NTC RA initially helped to reduce TCE concentrations in the MAZ through a combination of TCE sequestration by the emulsified oil, anaerobic biodegradation, and aerobic (co)metabolism. This is in addition to other MNA mechanisms (e.g., sorption, volatilization, diffusion, dilution, dispersion, decay), which occur during TCE transport in the subsurface. From 2Q22 to 2Q24, the increase in TCE concentrations is likely from the breakdown of the BioBarriers and the emulsified oil, such that biodegradation is no longer occurring and sequestered TCE is now releasing back to groundwater.

Surface Water

Six surface water stations are part of the CAGW OU NTC RA monitoring network: CCT-01, CCT-02, CCT-03, CC-05, CC-07, and CC-08. The three surface water stations (CCT-01, CCT-02, and CCT-03) monitoring the unnamed tributary had surface water TCE concentrations ranging from 4.59 µg/L to 8.53 µg/L in May 2024, and overall slightly lower TCE concentrations than in 4Q22 (Figure 11). Comparing the June 2019 average TCE concentration (7.80 µg/L) for the tributary stations (CCT-01, CCT-02, and CCT-03) to the May 2024 average TCE concentration (6.28 µg/L) for the same three stations indicates a slight reduction of TCE concentrations in the tributary (Figure 15).

The three surface water stations (CC-05, CC-07, and CC-08) monitoring Castor Creek near the unnamed tributary had surface water TCE concentrations ranging from 0.54 µg/L to 0.72 µg/L in May 2024. Monitoring stations CC-05 and CC-07 had slightly lower TCE concentrations in 2Q24 relative to the June 2022 TCE concentrations, and all three 2Q24 Castor Creek sample results are below the MCL (Figure 14).

Surface water data are tabulated in Appendix A, and the November 2023 TCE plume data are shown in Appendix D (Figure D-1).

3.4.1.2 Tetrachloroethylene

PCE is a minor component of the CAGW OU VOC groundwater plume, which has not exceeded the MCL (5 µg/L) at any CAGW OU monitoring station since 2006, before the implementation of the ERH-SVE system. In 4Q23, for the 20 CAGW OU NTC RA effectiveness monitoring stations, the maximum PCE result was 0.41 µg/L at background well CSB020C. In 2Q24, for the 20 CAGW OU NTC RA effectiveness monitoring stations, the maximum PCE result was an estimated value of 0.46 µg/L at well CRW024C (Table 3). In 4Q23 and 2Q24, all CAGW OU NTC RA surface water stations monitoring the unnamed tributary and Castor Creek had samples with PCE concentrations below the detection limits.

3.4.1.3 Cis-1,2-Dichloroethylene

Between June 2022 and May 2024, cis-1,2-DCE was detected in seven CAGW OU NTC RA monitoring wells (CRW023C, CRW024C, CRW026C, CRW027C, CRW028C, CRW029C and CRW030C), and three surface water stations (CCT-01, CCT-02 and CCT-03) monitoring the unnamed tributary. No sample concentration exceeded the cis-1,2-DCE MCL (70 µg/L), with a maximum concentration of 6.86 µg/L in the CWR026C 2Q24 sample (Table 3). The CAGW OU NTC RA was expected to increase cis-1,2-DCE concentrations in monitoring wells (CRW026C, CRW027C, and CRW028C) down-gradient of Injection Areas 1 and 2 from the biodegradation of TCE. In 2Q23, it was the first time all 3 wells had detectable cis-1,2-DCE, and in 2Q24 all down-gradient wells had detectable levels of cis-1,2-DCE. In previous sample events, cis-1,2-DCE may have been below detection limits at the down-gradient wells because cis-1,2-DCE was being (co)metabolized by aerobic microbes, based on the presence of toluene monooxygenase, toluene monooxygenase 2 and phenol hydroxylase, sMMO, and toluene dioxygenase enzymes in the BioTrap data (Figure 16) (Atashgahi 2017 and Hazen 2010). Cis-1,2-DCE and VC oxidation has also been observed in the presence of humic acid under sulphate-reducing and methanogenic conditions (Dolinova 2017). It also appears anaerobic reductive dechlorination by the CAGW OU NTC RA is not as extensive as anticipated by SRS, and not as much cis-1,2-DCE was produced by the RA. The 4Q23 and 2Q24 cis-1,2-DCE data are tabulated in Appendix A.

3.4.1.4 Vinyl Chloride

During the 4Q23 and 2Q24 sampling period, VC was not detected in any of the CAGW OU NTC RA monitoring stations, or in any of the CAGW OU monitoring stations, which is consistent with previous years. The CAGW OU NTC RA was expected to increase VC concentrations in monitoring wells (CRW026C, CRW027C, and CRW028C) down-gradient of Injection Areas 1 and 2 from the biodegradation of TCE, but this hasn't been observed. In 2Q24, new wells CRW029C and CRW030C did not have detectable concentrations of VC. VC may be below detection limits at the down-gradient wells because cis-1,2-DCE and VC are being (co)metabolized by aerobic microbes, based on the presence of toluene monooxygenase 2 and phenol hydroxylase enzymes in the BioTrap data (Atashgahi 2017 and Hazen 2010). Cis-1,2-DCE and VC oxidation has also been observed in the presence of humic acid under sulphate-reducing and methanogenic conditions (Dolinova 2017). It also appears anaerobic reductive dechlorination by the CAGW OU NTC RA is not as extensive as anticipated by SRS, and not as much VC was produced by the RA. The 4Q22 and 2Q23 VC data are tabulated in Appendix A and Appendix F.

3.4.1.5 Ethylene

During the 4Q23 sampling period, ethylene was detected at estimated values between 0.92 µg/L and 1.3 µg/L in the seven wells down-gradient of the injection areas (CRW024C, CRW025C, CRW026C, CRW027C, CRW028C, CRW029C, and CRW030C) and two NTC RA background wells (CSB 15D and CSB020C). During the 2Q24 sampling period, ethylene was not detected in any of the wells down-gradient of the injection areas (Figure 17). Laboratory problems led to elevated ethylene method detection limits (MDLs), from 0.008 µg/L to 10.0 µg/L, for all samples collected from 2Q20 through 2Q22, which rendered the results of little value. In 2Q22, new wells CRW029C and CRW030C did not have detectable concentrations of ethylene. SRS worked with the laboratories to use a method with lower ethylene MDLs, and in 4Q23 and 2Q24 the MDL was 0.79 µg/L. The initial ethylene data are an indication that complete anaerobic biodegradation of TCE did occur, including biodegradation of VC, within portions of the injection areas.

Similarly, during the 4Q19-1Q20 sampling period, low concentrations (<1.00 µg/L) of ethylene were detected in four surface water stations (CCT-01, CCT-02, CCT-03, and CC-08), which

receive groundwater discharge from the MAZ treated by the CAGW OU NTC RA. All the detectable results occurred in the December 2019, January 2020, and February 2020 samples, and none of the previous samples from these surface water stations had detectable levels of ethylene. In 4Q23, only surface water station CCT-001 had an ethylene concentration at an estimated value of 1.10 µg/L. In 4Q23, seepline station CCSL-023R had the highest ethylene concentration at an estimated value of 23.1 µg/L, but this location is considered outside the influence of the NTC RA and likely naturally occurring. These ethylene data are an indication biodegradation did, and may still, occur within portions of the injection areas. There is no MCL for ethylene, as it is considered a harmless compound. The ethylene data are tabulated in Appendix A.

3.4.1.6 Methane

Methanogenesis indicates anaerobic conditions exist in portions of the TCE plume, and these anaerobic conditions may be favorable to the biodegradation of TCE. Methanogens also produce methane monooxygenases capable of (co)metabolism of TCE, and methane in groundwater down-gradient of anaerobic areas can stimulate indigenous aerobic microbes that are capable of (co)metabolism of TCE, cis-1,2-DCE and VC (Hazen 2010). Elevated methane concentrations continued at CRW026C in 4Q23 and 2Q24 (616 µg/L and 1,100 µg/L, respectively) in the post RA samples. All the CRW026C baseline samples were below the detection limits for methane (Figure 19). In 4Q23, wells CRW027C, CRW028C, CRW029C and CRW030C had detectable levels of methane between 4.40 µg/L and 4.50 µg/L. All the detectable results in groundwater monitoring wells occurred after the completion of the RA, and none of the groundwater samples prior to the CAGW OU NTC RA from these wells had detectable levels of methane. The presence of methane above NTC RA background concentrations in areas with chlorinated solvents is an indication that the groundwater geochemical conditions are favorable for anaerobic reductive dechlorination, and stable methane concentrations over three sample events (e.g., CRW026C) indicate more optimal conditions for anaerobic biodegradation (USAF 2007).

During the 4Q23 and 2Q24 sampling periods, methane was detected (50.8 and to 77.3 µg/L, respectively) in the post-RA samples at surface water station CCT-01. Station CCT-01 is down-gradient of CRW026C and receives more groundwater from the MAZ than CCT-02 and CCT-03, which had methane concentrations of 5.8 µg/L and 9.2 µg/L, respectively, in 2Q24. Station

CCT-03 is located furthest upstream in a heavily vegetated portion of the wetland and historically had the highest levels of methane (13.0 µg/L) in the 2019 baseline samples. This may indicate that wetland areas of the CAGW OU NTC RA may be more conducive to anaerobic reductive dechlorination.

From the 4Q18 to 2Q24 sampling periods, large variations in methane concentrations have been observed at seepline station CCSL-23R (Appendix C, C-67). Methane concentrations at CCSL-23R increased from a minimum of 6.20 µg/L in October 2018 to 133 µg/L in June 2021, then methane concentrations declined to 10.2 µg/L in November 2021, and methane concentrations have been below detection limits from June 2022 to June 2024. CCSL-23R is the farthest seepline station from the CAGW OU NTC RA areas, so it is likely these variations in methane are from natural origins.

The increase in methane concentrations at some stations indicates conditions are more favorable for anaerobic TCE biodegradation in some areas within the RA area, and aerobic (co)metabolism of TCE in down-gradient areas is aided by methane monooxygenase produced by the methanogens. The methane data are tabulated in Appendix A.

3.4.1.7 Chloride, Nitrate and Sulfate

Chloride groundwater concentrations are expected to increase in areas where reductive dechlorination of TCE is occurring due to microbes. The average chloride concentration of five baseline samples from station CRW023C is 1.90 mg/L, while the average for all post-RA samples is 2.08 mg/L. In 2Q24, chloride concentration of 1.93 mg/L was obtained at CRW023C. The average chloride concentration of four baseline samples from station CRW026C is 1.79 mg/L, while the average for all post-RA samples is 2.09 mg/L. The chloride concentration was estimated to be 1.85 mg/L at CRW026C in 2Q24. Wells CRW023C and CRW026C baseline and post-RA chloride samples indicate a possible increase in reductive dechlorination of TCE within the emulsified oil BioBarrier (Figure 18 and Figure 19). While TCE groundwater concentrations initially increased at both wells, TCE groundwater concentrations decreased at both CRW023C and CRW26C until November 2022 and June 2022, respectively, and then TCE concentrations began increasing again (Figure 10). Alternatively, fluctuations in chloride concentrations could be

from natural groundwater variations or an artifact of the initial injections, because even complete dechlorination of all the TCE would only amount to a small increase in chloride concentrations, which may not be measurable.

High nitrate groundwater concentrations may interfere with the reductive dechlorination pathway. Two monitoring wells (CRW023C and CRW26C) indicated a reduction in nitrate concentrations (Figure 18 and Figure 19). The average nitrate concentration of four baseline samples from station CRW023C is 1.53 mg/L, while the average for all post-RA samples is 1.11 mg/L. The average nitrate concentration of three baseline samples from station CRW026C is 1.33 mg/L, while the average for all post-RA samples is 0.40 mg/L. The nitrate concentrations were found to be 1.36 mg/L and 0.43 mg/L at CRW023C and CRW026 respectively in 2Q24. These wells may indicate some portions of the injection areas were anaerobic and more conducive to reductive dechlorination of TCE. CRW028C is the only other monitoring station indicating a slight decrease in the nitrate groundwater concentrations in the post-RA samples. Nitrate concentrations have been increasing since 2022 in both CRW023C and CRW026C (Figure 18 and Figure 19). In 2Q23, new wells CRW029C and CRW030C had relatively low nitrate concentrations of 1.20 mg/L and 1.10 mg/L, respectively.

High sulfate groundwater concentrations may interfere with the reductive dechlorination pathway, but some geochemical settings with elevated sulfate concentrations can also be favorable for reductive dechlorination of TCE (Mao 2017). Two monitoring wells (CRW023C and CRW26C) indicated an increase in sulfate concentrations during the first year of monitoring but then had decreasing sulfate concentrations (Figure 18 and Figure 19), approaching baseline conditions in 2022. From 2023 to May 2024 CRW023C had a large increase in sulfate concentrations, which was accompanied by a large increase in TCE concentrations. In 2Q23, new wells CRW029C and CRW030C had relatively low sulfate concentrations of 0.67 mg/L and 0.37 mg/L, respectively, similar to other wells. No other monitoring stations indicated a change in the sulfate groundwater concentrations in the post-RA samples.

3.4.1.8 Total Organic Carbon (TOC)

TOC is used as an indicator of the amount of emulsified oil in the groundwater, as groundwater within the CAGW OU tends to have very little (<1 mg/L) to no organic carbon. The emulsified oil depletes oxygen creating anoxic zones, the emulsified oil coats sediment grains and sequesters TCE as TCE readily dissolves into oil, more so than water. Wells CRW023C and CRW026C had a large increase in TOC in the December, January, and February 2019-2020 sample events, but by the June 2020 sample event, groundwater concentrations had decreased to baseline conditions (Figure 20). In late-2020, TOC groundwater concentrations increased to 3.652 mg/L at CRW026C and remained elevated until a decrease in May 2024 to 1.05 mg/L (Figure 20). Elevated TOC concentrations at CRW026C promotes anaerobic conditions in the subsurface, and the TOC concentrations correlate to methane concentrations in CRW026C (Figure 19 and Figure 20). None of the other monitoring wells showed a significant increase in TOC concentrations, and new wells CRW029C and CRW030C did not have detectable levels of TOC in 4Q22 or 2Q23. It is possible CRW023C and CRW026C lie within a preferential pathway from the emulsified oil BioBarriers, that the zone of influence from the BioBarriers expanded temporarily and then contracted, or the overall zone of influence is smaller than anticipated by SRS.

Seepline stations CCSL-21R, CCSL-22R, and CCSL-23R have the highest groundwater TOC concentrations, which appear to be naturally occurring based on baseline conditions and distance from the RA areas (Figure 21). These three stations are in or near an organic-rich layer adjacent to Castor Creek.

Surface water stations CCT-01, CCT-02, and CCT-03 had increased TOC concentrations in late-2019 and early-2020, but TOC concentrations have been decreasing since mid-2020 (Figure 22). The elevated TOC concentrations were most likely from the oil injections but have returned to baseline conditions in 2023 and 2024. The TOC concentrations ranged from 1.65 mg/L in CCT-01 to 3.33 mg/L in CCT-03

3.4.1.9 BioTrap QuantArray-Chlor® Microbial Data

Quantification of *Dehalococcoides*, the only known bacterial group capable of complete reductive dechlorination of PCE and TCE to ethylene, has become an indispensable component of

assessment, remedy selection, and performance monitoring at sites impacted by chlorinated solvents. The EOS Bioaugmentation Culture (BAC-9) is an enriched bioaugmentation culture of *Dehalococcoides mccartyi*, which was included in the oil injections. While undeniably a key group of halorespiring bacteria, *Dehalococcoides* are not the only bacteria of interest in the subsurface because reductive dechlorination is not the only potential biodegradation pathway operating at contaminated sites, and chlorinated ethenes are not always the primary contaminants of concern. The QuantArray®-Chlor analyses of the BioTraps not only include a variety of halorespiring bacteria (*Dehalococcoides, Dehalobacter, Dehalogenimonas*, etc.) to assess the potential for reductive dechlorination of chloroethenes, chloroethanes, chlorobenzenes, chlorophenols, and chloroform, but also provide quantification of functional genes involved in aerobic (co)metabolic pathways for biodegradation of chlorinated solvents and even competing biological processes.

BioTraps were installed in the seven primary monitoring wells (CRW023C, CRW024C, CRW026C, CRW027C, CRW028C, CRW029C, and CRW030C) and seven peripheral/ background stations (CRW025C, CSB 15D, CSB020C, CCSL-08, CCSL-11, CCSL-14, and CCSL-23R). BioTraps remained in place a minimum of 30 days prior to collection for analyses. All of the QuantArray®-Chlor analysis data are in Table 5. Wells CRW023C and CRW026C showed the greatest increase in microbial activity, and the microbial count charts for CRW026C (November 2019 to June 2023) are depicted in Figures 23-34. For the five primary wells (CRW023C, CRW024C, CRW026C, CRW027C, and CRW028C) the microbial activities are depicted in Figures 35-39. Overall microbial activity increased at these wells from November 2019 through June 2021 and microbial activity decreased in the November 2021 and June 2022 BioTrap samples continuing through the most recently collected samples. New well CRW029C had elevated levels of sulfate reducing bacteria, *Desulfuromonas* spp. and total eubacteria, while new well CRW030C had elevated levels of *Desulfitobacterium* spp., *Desulfuromonas* spp., and total eubacteria. The presence of *Desulfitobacterium* spp. and *Desulfuromonas* spp. indicate anaerobic conditions exist near CRW029C and CRW030C. The June 2021 BioTrap data for CRW026C indicated an increase in the anaerobic microbial activity (Figure 30 and Figure 35) followed by decreasing microbial activity in 4Q22 and 2Q23 (Figure 33, Figure 34, and Figure 35). Dehalobacter, sulfate reducing bacteria, desulfitobacterium, and methanogens are the most abundant anaerobic microbes observed at CRW026C (Figure 35), and these microbes are capable

of reductive dechlorination (Holliger 1998 and Islam 2021), though these microbes decreased in 4Q22 and 2Q23 there was a slight increase in abundance in 2Q24 (Figure 35). *Dehalococcoides* had a slight increase in microbial activity at CRW026C in December 2019 (Figure 35), which coincided with the ethylene increase at CRW026C (Figure 19), but it has been below detection since then. Similar trends for *Dehalococcoides* counts were observed at the other primary wells (CRW023C, CRW024C, CRW027C, and CRW028C) (Figures 36 to 39). New wells CRW029C and CRW030C did not have detectable levels of *Dehalococcoides*. It appears the geochemical conditions for *Dehalococcoides* only existed for a brief time and in isolated areas. It is possible the conditions conducive to anaerobic microbial activity are more localized and temporary than originally anticipated by SRS.

Aerobic (co)metabolic microbial activity is indicated by detectable levels of phenol hydroxylase, sMMO, toluene monooxygenase, and toluene monooxygenase 2 on the BioTraps at nearly all monitoring wells (Figures 40 to 44). In contrast, the NTC RA background wells (CSB 15D and CSB020C) had lower levels of the aerobic (co)metabolic enzymes (Figure 45 and Figure 46). New well CRW029C had elevated levels of phenol hydroxylase, toluene monooxygenase, toluene monooxygenase 2, and detectable toluene dioxygenase, while new well CRW030C had elevated levels of phenol hydroxylase, toluene monooxygenase, and toluene monooxygenase 2 (Table 5).

Bacteria (e.g., *Psuedomonas putida, Psuedomonas stutzeri and Burkholderia cepacia*), which produce toluene and phenol oxygenases, are associated with the (co)metabolism of TCE, DCE and VC, when TCE is at relatively low concentrations (<50 µg/L) (Cafaro 2004 and Wilson 2019). These bacteria can be present in the absence of petroleum products and are ubiquitous in the environment (Canada 2017 and Morya 2020). Methane increases in the aquifer can stimulate microbe activity, especially microbes associated with sMMO production (Hazen 2010). While aerobic (co)metabolism is a slower process than anaerobic biodegradation (Wilson 2019), it may explain the lack of cis-1,2-DCE and VC in the down-gradient wells. Aerobic (co)metabolism is not dependent on special geochemical conditions as the native microbes producing the enzymes are already acclimated to aquifer conditions (Hazen 2010).

3.4.1.10 Field Measurements

Groundwater field measurements for pH, DO, ORP, and total alkalinity help assess if the conditions within the CAGW OU NTC RA area are favorable for anaerobic biodegradation as a result of emulsified oil mixture injections. An increase in pH to between 7 and 9 and a decrease in DO to below 0.5 mg/L are the optimum conditions for microbial activity to degrade TCE (DOD 2006). Groundwater field measurements on samples from wells CRW023C (January 2020 sampling event only) and CRW026C indicate these conditions may exist in portions of the CAGW OU NTC RA area (Figure 47 and Figure 48). Though conditions are not optimal throughout the CAGW OU NTC RA areas, in general as DO and ORP decrease and alkalinity and pH increase, anaerobic microbial activity tends to increase (Figure 47 and Figure 48). ORP and DO levels are lower in the groundwater at CRW026C than other wells, indicating more anaerobic conditions existed at this location.

3.4.2 CAGW OU

3.4.2.1 Trichloroethylene

TCE is the major VOC contaminant in the CAGW OU VOC groundwater plume. In the overall CAGW OU monitoring network, the highest TCE groundwater concentration was 82.0 µg/L for the 2Q24 sample from monitoring well CRW020D. CRW020D monitors the uppermost aquifer beneath the vadose zone remediated by ERH-SVE, and the historic maximum TCE groundwater concentration was 11,600 µg/L in November 2006 at CRW020D (Figure 12).

As TCE is the primary contaminant in the CAGW OU VOC plume, its occurrence can be used to delineate the physical extent of the total groundwater contaminant plume. The groundwater plume emanates south and westward from C Area extending to Castor Creek and toward FMB (Figure 2). It is constrained vertically to the UTRA and can be found within all three aquifer zones of the UTRA. The 4Q23 TCE plume has decreased in concentration since reported in the 2018 CAGW OU RADP with an EMP (SRNS 2018a). The vadose zone VOC source area wells (CRW020D and CRW021DR) are continuing their long-term decline, indicating that the 2006 Interim Record of Decision (WSRC 2004b) remedial action south of C-Reactor was successful in

cutting off the contamination pathway to groundwater. The aquifers and surface water bodies within the CAGW OU NTC RA portion of the TCE plume are discussed in detail below.

Upper Aquifer Zone (UAZ)

Analytical data for TCE in the UAZ are shown in Appendix F, and an UAZ-MAZ map is depicted in Appendix D, Figure D-1 (4Q23). The 4Q23 TCE plume emanates south and west from just south of the C-Reactor Assembly Area with the highest concentrations in wells CRW020D and CRW021DR, which are just down-gradient of the former vadose zone VOC source area. These source area wells show decreased groundwater TCE concentrations in 2Q24 relative to historic highs but remain above the MCL (Figure 12). The TCE plume infiltrates into the LAZ at low concentrations, and presumably into the MAZ, as it moves down-gradient to CSB017 well cluster, which is just outside of the C Area fence line. The TCE plume also descends from the UAZ into the MAZ as it nears Road 3 and before discharging into Castor Creek as shown by wells CSB 15D and CSB020C (Figure 5). UAZ wells that are located down gradient to the south and west of wells CSB017D and CRW 5D continue to have groundwater TCE concentrations that are below the MCL, as indicated by several wells (CSB 9D, CRP 6DR, CRW 7D, CSB 11D, CSB021D, and CSB020D).

Middle Aquifer Zone (MAZ)

The mid-plume wells (CRW 4C, CRW 11D, CRW 15D, CRW010CU, CSB 3C, CSB 12D, CSB011C, and CSB019C) in the MAZ show slowly decreasing TCE groundwater concentrations in 4Q23 relative to historic highs or remain below the MCL (Figure 13). The distal-plume stations are within the CAGW OU NTC RA area and are discussed in section 4.4.1.1.

Lower Aquifer Zone (LAZ)

In 4Q23, TCE was present at concentrations exceeding the MCL (5 µg/L) in 2 wells (CRW 10C and CSB017B) of the 13 CAGW OU monitoring wells screened in the LAZ (Table 4). In November 2023, the CRW 10C and CSB017B groundwater TCE concentrations were 9.92 µg/L and 6.28 µg/L, respectively. These two wells monitor the portion of the CAGW OU TCE plume moving west towards Twin Lakes and FMB. Near Castor Creek, LAZ well CSL001 had

groundwater TCE concentrations below detection limits in 4Q23. The data for the LAZ are tabulated in Appendix A and Appendix F, while the map in Appendix D depicts the LAZ TCE plume (Figure D-2).

Gordon Aquifer (GA)

There are 10 wells screened in the GA as part of the broader CAGW OU monitoring network. All 10 GA monitoring wells were sampled in 4Q23, and all the TCE results were below detection limits. Analytical data for the GA wells are tabulated in Appendix F.

Surface Water

Five Castor Creek surface water monitoring stations (CC-01, CC-02, CC-03, CC-04 and CC-06) are part of the broader CAGW OU monitoring network. In contrast, Castor Creek surface water monitoring stations CC-05, CC-07 and CC-08 monitor the creek where the TCE plume is discharging to surface water. CC-01 and CC-02 have the longest monitoring history and indicate a decreasing TCE trend for Castor Creek since 2002 (Figure 49). Both down-stream surface water monitoring stations CC-01 and CC-02 samples TCE concentrations were the below detection limit (MDL = 0.333 µg/L) in 4Q23 and 2Q24, which is down from a maximum TCE concentration of 1.72 µg/L in May 2002. CC-06 is the farthest up-stream and eastward surface water monitoring station on Castor Creek, and the CC-06 sample TCE concentrations decreased to a non-detectable value in November 2023 and an estimated (J qualifier) value of 0.95 µg/L in May 2024, which is down from a high of 2.34 µg/L in 2012. CC-03 and CC-04 monitor FMB immediately above and below Castor Creek's confluence with FMB. CC-03 and CC-04 TCE sample concentrations remained below detection limits for all samples in 4Q23 and 2Q24.

3.4.2.2 Tetrachloroethylene

PCE is a minor component of the CAGW OU VOC groundwater plume, which had not exceeded the MCL (5 µg/L) at any CAGW OU monitoring station since 2006, before the implementation of the ERH-SVE system. However, in the CAGW OU monitoring network, the maximum 4Q23 PCE groundwater concentration was 1.06 µg/L at monitoring well CSB017D. In 2Q24, the maximum PCE result was 0.77 µg/L at monitoring well CRW020D. The PCE results are below the MCL for

both 4Q23 and 2Q24. However, in the CBRP OU monitoring network, the maximum 4Q23 and 2Q24 PCE groundwater concentrations were 5.14 µg/L and 6.39 µg/L, respectively, from monitoring well CRP 5C. The CRP 5C PCE results from 4Q23 and 2Q24 indicate values slightly above the MCL. VOCs at well CRP 5C are being remediated under the CBRP OU ROD. CRW021DR monitors the portion of the CAGW OU VOC plume immediately down-gradient of the TCE Source Area (Figure 2). Wells CRW 10C and CRW010CU had detectable levels (0.75 – 0.99 µg/L) of PCE in 4Q23, and these wells monitor the portion of the CAGW OU VOC plume migrating towards Twin Lakes and FMB (Figure 2). In 4Q23 and 2Q24, all CAGW OU surface water stations monitoring FMB had samples with PCE concentrations below the detection limits. In 4Q23 and 2Q24, all the surface water monitoring stations on Castor Creek had PCE concentrations below the MDL. The 4Q23 and 2Q24 PCE data are tabulated in Appendix F.

3.4.2.3 Cis-1,2-Dichloroethylene

In 4Q23 and 2Q24, in the broader CAGW OU monitoring network, cis-1,2-DCE is above detection limits only at the two monitoring wells (CRW020D and CRW021DR). The highest cis-1,2-DCE groundwater concentration (0.55 µg/L) was at well CRW020D, which is down-gradient of the former VOC vadose zone source area remediated by the ERH-SVE system. The 4Q23 distribution pattern for cis-1,2-DCE, which is present near the former VOC source area and in the wetland areas near Castor Creek, is consistent with previous years. In previous years, cis-1,2-DCE has been detected at low concentrations at a few CAGW OU mid-plume monitoring wells screened in the UAZ-UTRA or the MAZ-UTRA. The 4Q23 and 2Q24 cis-1,2-DCE data are tabulated in Appendix F.

3.4.2.4 Vinyl Chloride

During the 2023-2024 sampling period, none of the CAGW OU monitoring wells had results above detection for VC. Only CBRP OU wells (CRP20CU, CRP45A, CRP46A, CRP48B, CRP50A, and CRP50B) had detectable levels of VC with the highest concentration detected at CRP50B of 149 µg/L. The CAGW OU 4Q23 and 2Q24 VC data are tabulated in Appendix A and Appendix F.

3.4.2.5 Tritium

Overall, the CAGW OU tritium plume has decreased significantly in aerial extent and concentration since 2002 (Figure 50). The highest groundwater tritium concentrations are now in the distal portion of the plume in the CAGW OU NTC RA area, and those wells are showing slowly decreasing tritium trends (Figure 51). In May 2024, well CRW024C had the highest tritium groundwater concentration (842 picocurie per milliliter [pCi/mL]), which is slightly lower than the highest 4Q23 concentration (944 pCi/mL) at CSB017B. CSB017B had the highest tritium concentration (944 pCi/mL) in 4Q23 for the upgradient wells near C-Reactor. Tritium in surface water continues to decrease, with concentrations below the tritium MCL (20 pCi/mL) at all surface water stations except CCT-01, TL-03, CC-03, and CC-04, though stations TL-03, CC-03 and CC-04 are located in FMB and impacted by upstream sources from the General Separations Area. The 2Q24 tritium results show values below MCLs for CC03 and CC04. The tritium concentrations for 2Q24 at CCT-01 and TL-03 were 134 pCi/mL and 20.7 pCi/mL, respectively.

4.0 SUMMARY AND RECOMMENDATIONS

A summary of the CAGW OU NTC RA and CAGW OU monitoring data is discussed below, followed by recommendations based on the monitoring data.

4.1 Summary

Groundwater and surface water data from July 2022 through June 2023 indicate conditions in an area near CRW026C was conducive to anaerobic biodegradation of TCE. The presence of ethylene and methane in some groundwater and surface water samples after the implementation of the CAGW OU NTC RA was an indication of anaerobic biodegradation up-gradient of the wells and surface water stations. Initial TOC concentrations and field measurements (DO, ORP, and pH) indicated reduced oxygen conditions, which are favorable for anaerobic biodegradation of TCE, existed in some areas near CRW026C. In the last two sampling events, decreases in TOC and methane at all primary monitoring wells, and no detections of TOC in newly installed monitoring wells CRW029C and CRW030C indicate that the BioBarriers have broken down and are no longer effective.

The QuantArray®-Chlor analyses of the BioTraps indicated an increase in anaerobic microbial activity at some wells and aerobic (co)metabolic activity at most wells. Anaerobic microbial activity was primarily limited to wells CRW023C and CRW026C in 2020 and 2021, indicating limited aerial extent outside of the injection zone. However, in 4Q23 and 2Q24, anaerobic microbial activity was limited to well CRW026C, indicating a decreasing aerial extent outside of the injection zone. In 4Q23 and 2Q24, increases in groundwater TCE concentrations have been observed at most downgradient wells (CRW023C, CRW024C, CRW025C, CRW026C, CRW027C and CRW028C). In 4Q23 and 2Q24, cis-1,2-DCE was detected in downgradient wells CRW026C, CRW027C and CRW028C. In previous years, aerobic (co)metabolic activity from increased enzyme concentrations may explain the below detection concentrations of cis-1,2-DCE and VC in the downgradient monitoring wells. Alternatively, only minimal amounts of these anaerobic degradation products were produced.

In May 2024, the average TCE concentration for the MAZ wells in or downgradient of the treatment zone increased, relative to the 2019 baseline samples, although the average TCE concentrations in the unnamed tributary to Castor Creek were essentially the same from the 2019 baseline concentrations to May 2024. The greater increase of TCE in the MAZ wells within, or downgradient, of the treatment zone indicates the CAGW OU NTC RA BioBarriers are no longer effective. However, significant increases in the unnamed tributary to Castor Creek have not been observed.

Since 2002, the overall CAGW OU TCE and tritium plumes have decreased in extent and concentration but still exceed MCLs, most notably in the distal portion of the plumes near Castor Creek.

4.2 Recommendations

The original conceptual model for the CAGW OU NTC RA was that the MAZ areas around the injection zones would become anaerobic and colonized by *Dehalococcoides* for three to five years. Based on the data collected over the past four years, it appears the anaerobic areas in the MAZ have been less extensive, the life span was about three years, and the barriers are no longer effective. It also appears the *Dehalococcoides* colonies were relatively short-lived and are inactive

or gone. The data also indicate an unexpected increase in aerobic (co)metabolism by native microbes, as evidenced by increased enzyme levels produced by the microbes.

For about two years, the CAGW OU NTC RA helped to reduce TCE concentrations in the MAZ through a combination of TCE sequestration by the emulsified oil, anaerobic biodegradation, and aerobic (co)metabolism. This is in addition to other MNA mechanisms (e.g., sorption, volatilization, diffusion, dilution, dispersion, and decay), which occur during TCE transport in the subsurface. However, the CAGW OU NTC RA no longer appears to be effective at reducing TCE in the MAZ near Castor Creek. Based on the limited success of the NTC RA, SRS does not recommend another bioaugmented oil injection in the CAGW OU. As the overall plume concentrations continue to decrease and tritium is now below MCLs in Castor Creek, CAGW OU monitoring will be continued to gather data to support a final ROD Issuance of April 2030, as identified in Appendix E.3 of the FFA.

This is the fifth and final of five scheduled CAGW OU NTC RA EMRs. SRS recommends continued annual reporting for the CAGW OU, focusing on the overall tritium and VOC plumes in C Area, to be submitted in about October 2025.

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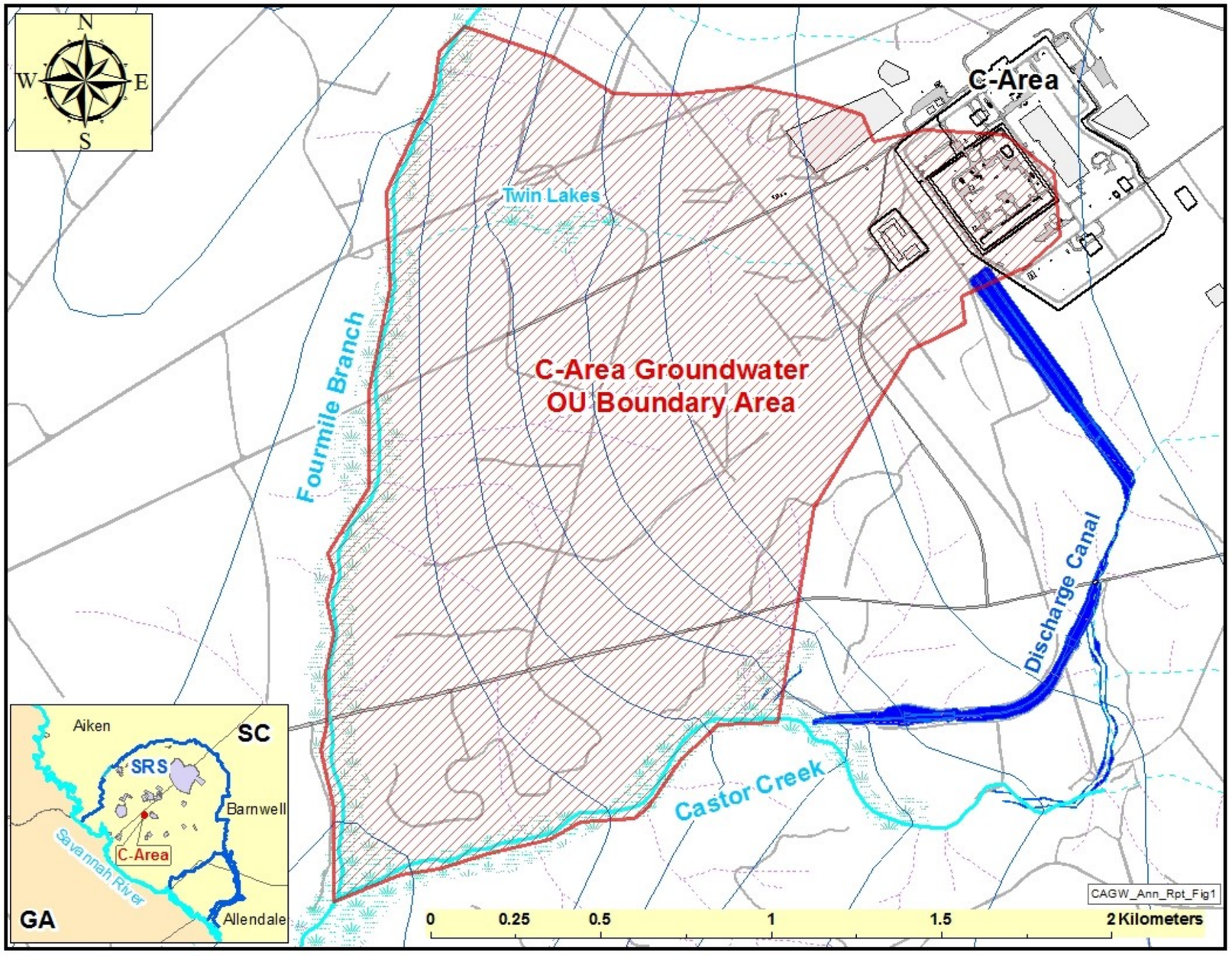

Figure 1. Location of CAGW OU in Relation to the C-Reactor Facilities

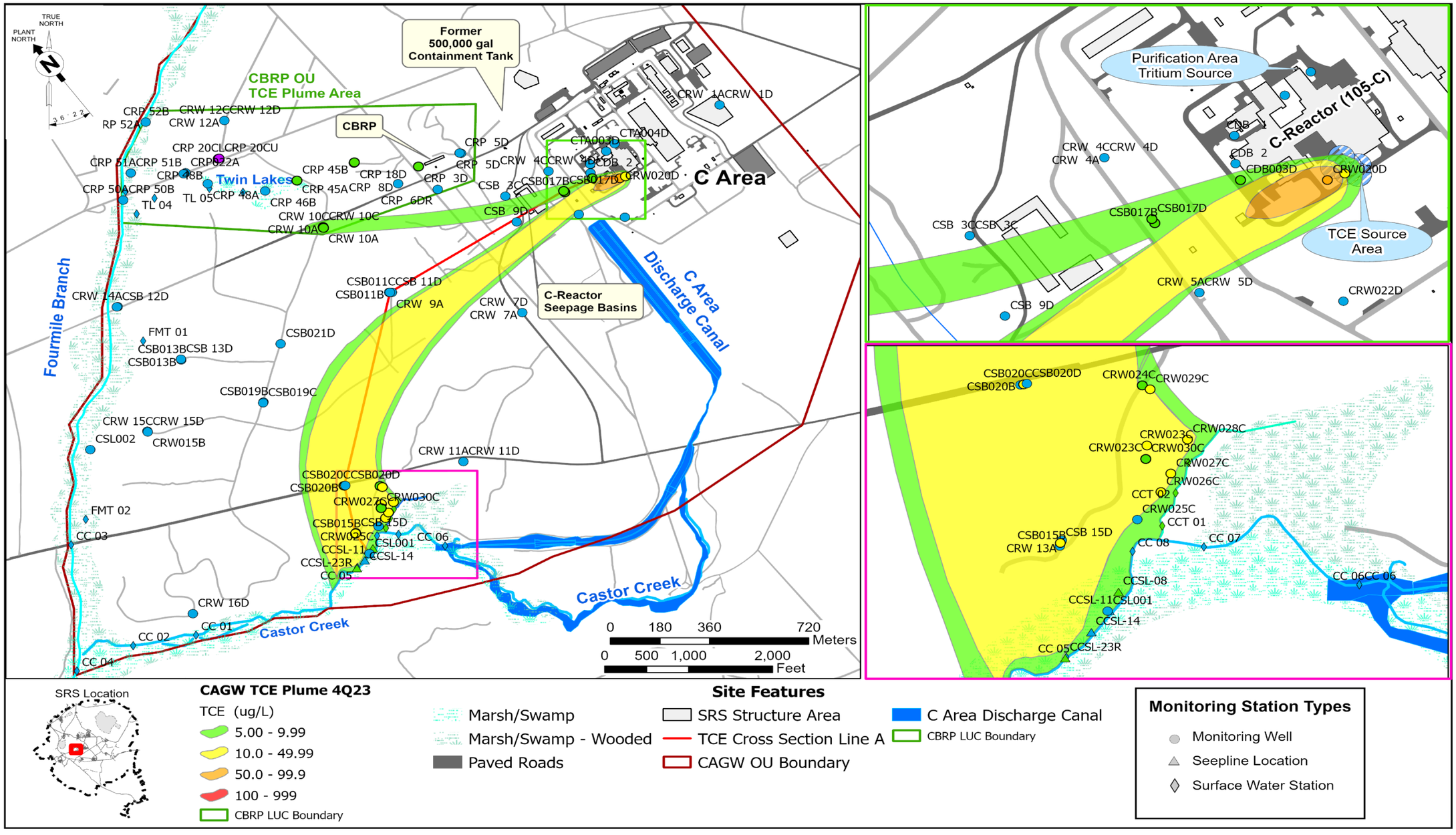

Figure 2. CAGW OU TCE Plume 4Q2023

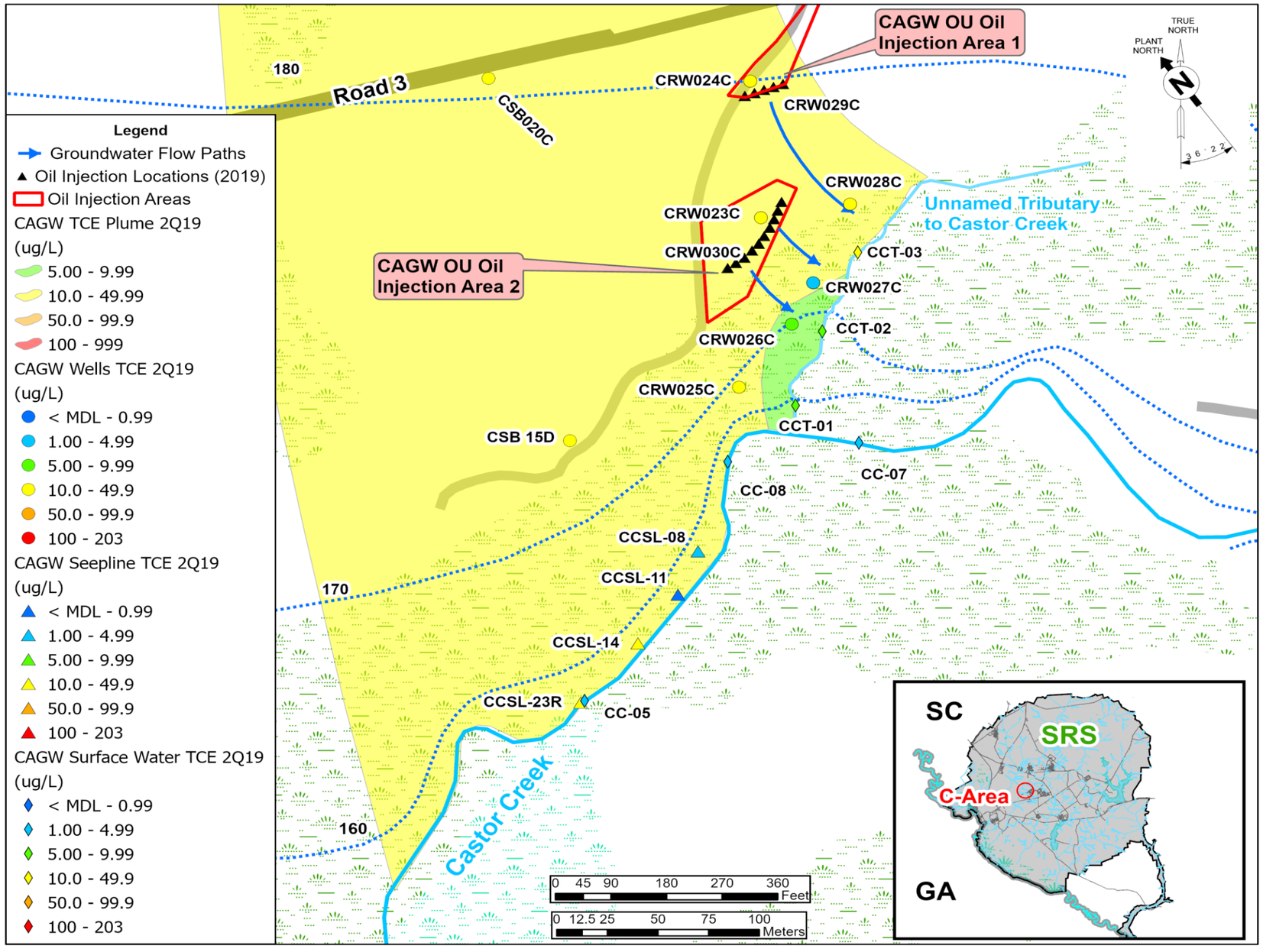

Figure 3. CAGW OU NTC RA Areas (2019 Baseline Conditions)

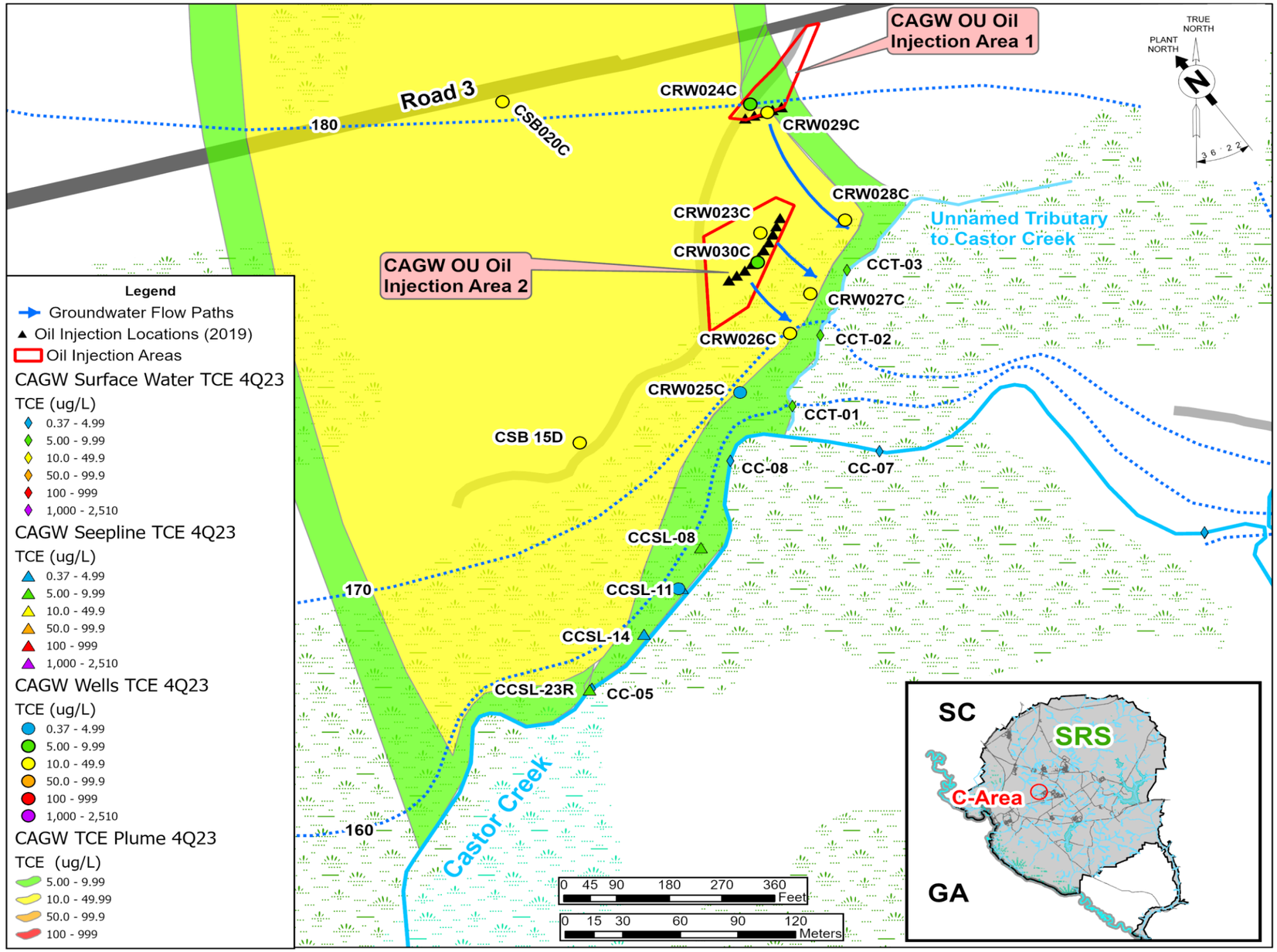

Figure 4. CAGW OU NTC RA Areas (4Q2023)

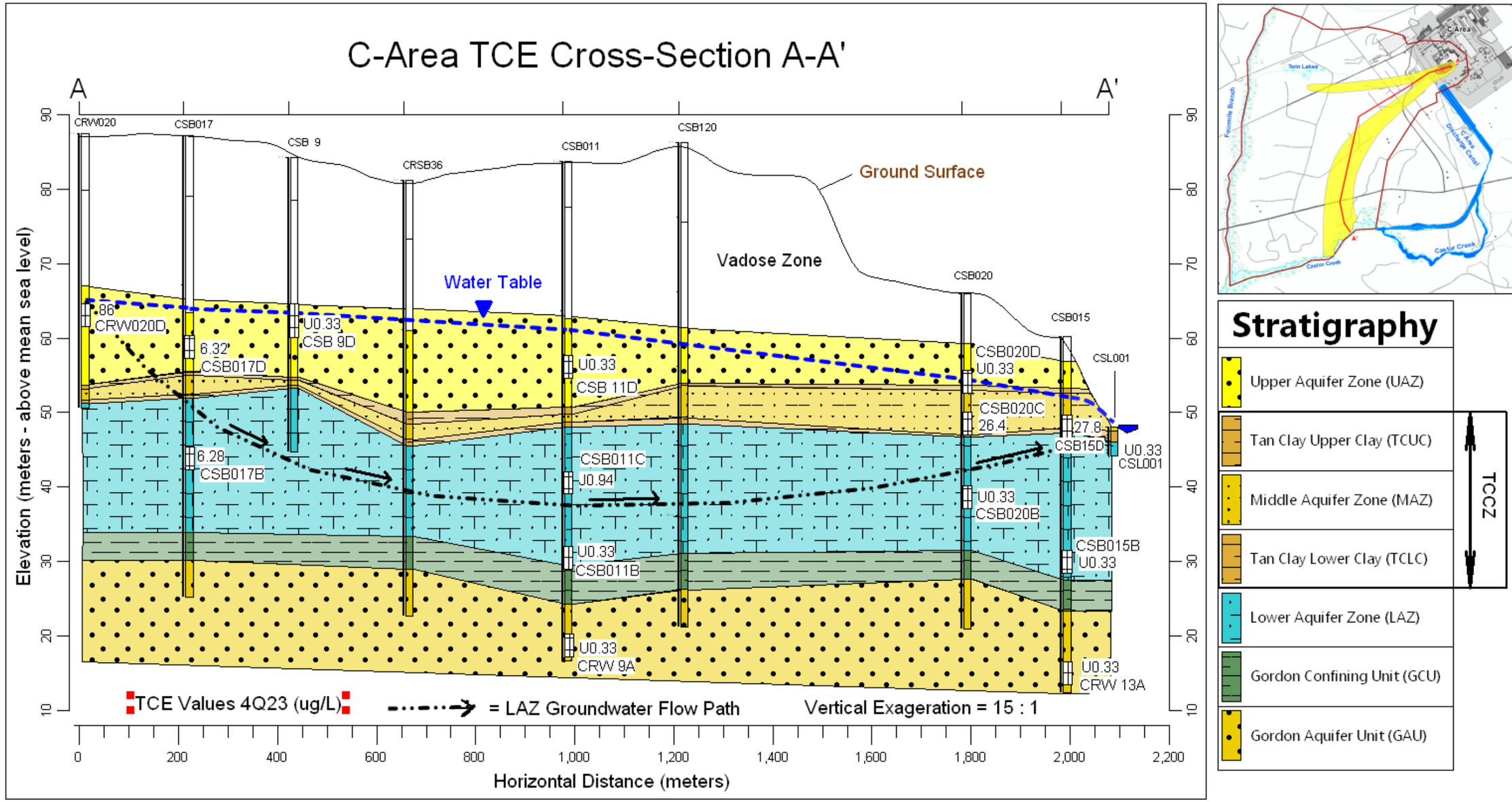

Figure 5. CAGW OU TCE Transport from C Area to Castor Creek

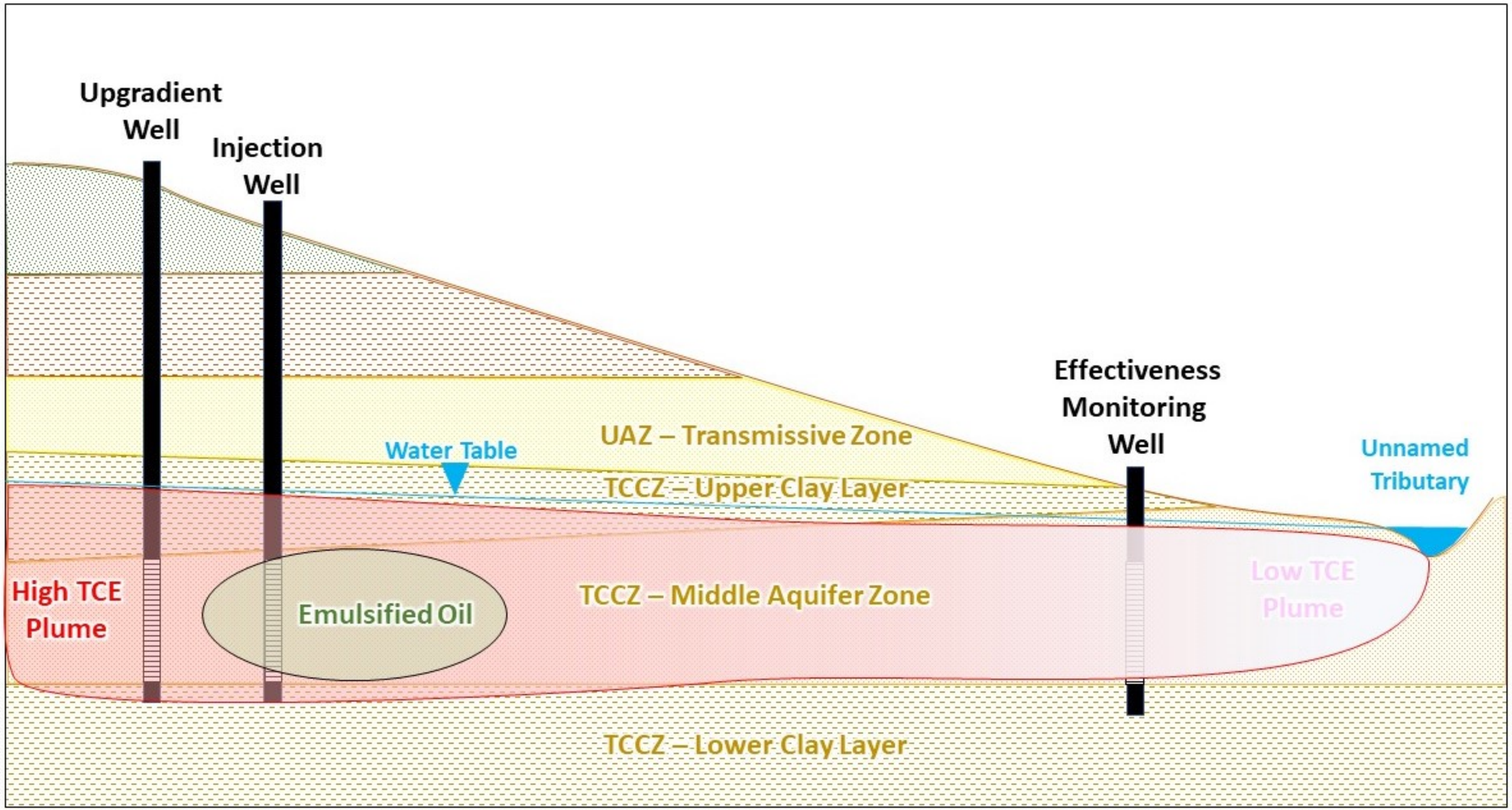

Figure 6. Schematic of Emulsified Oil Treatment Barrier

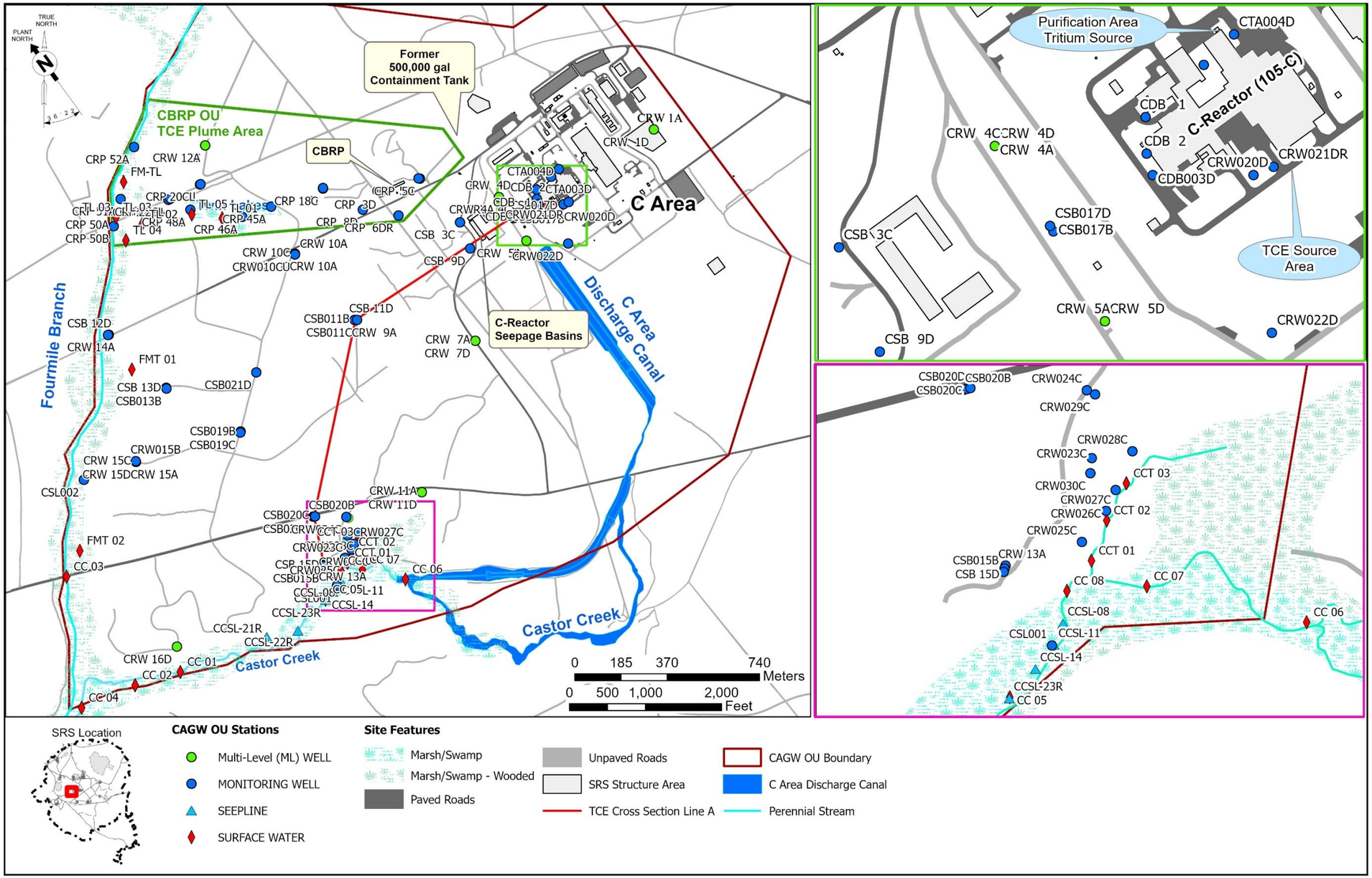

Figure 7. CAGW OU Monitoring Stations

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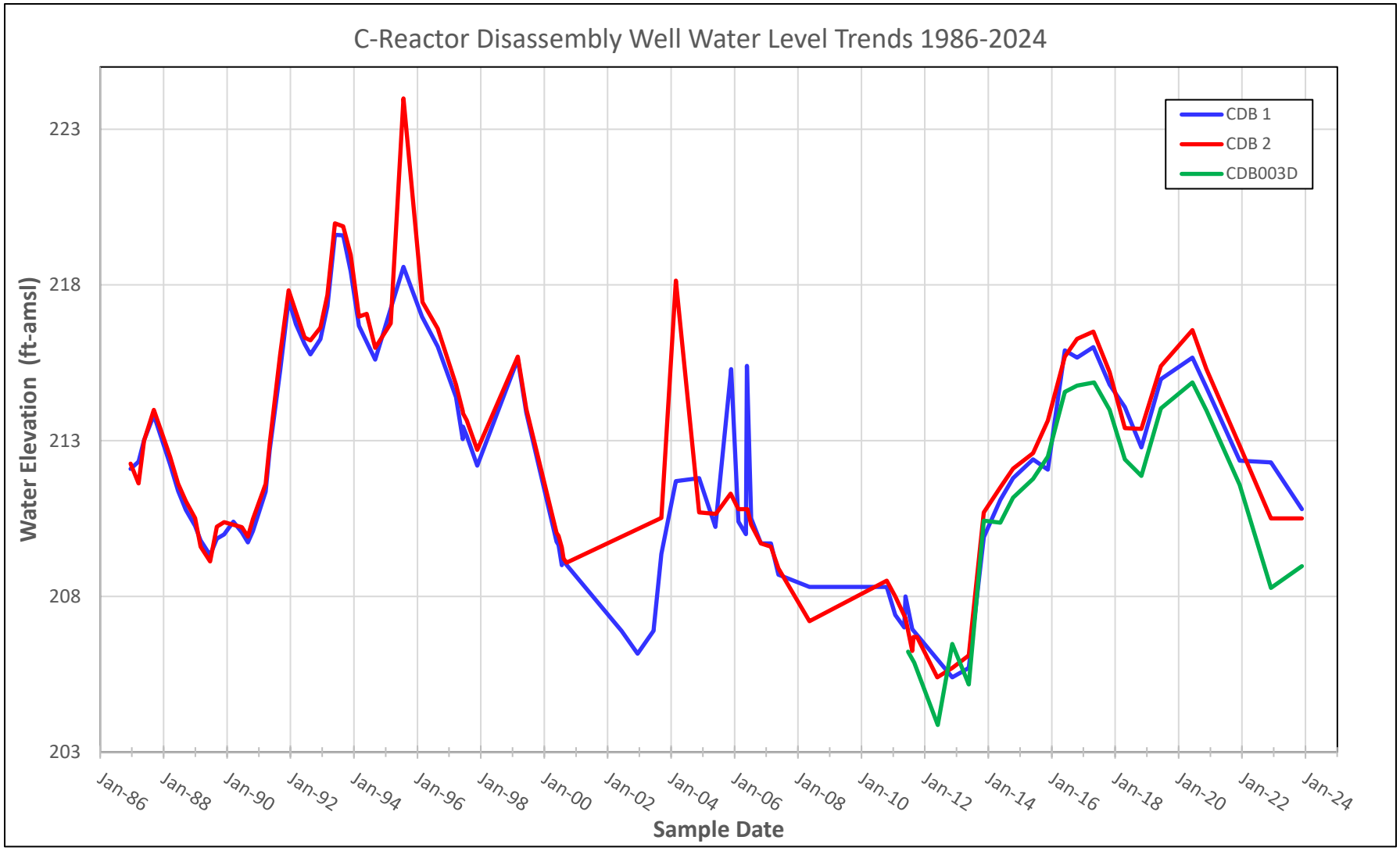

Figure 8. Water Table Trends Near C-Reactor

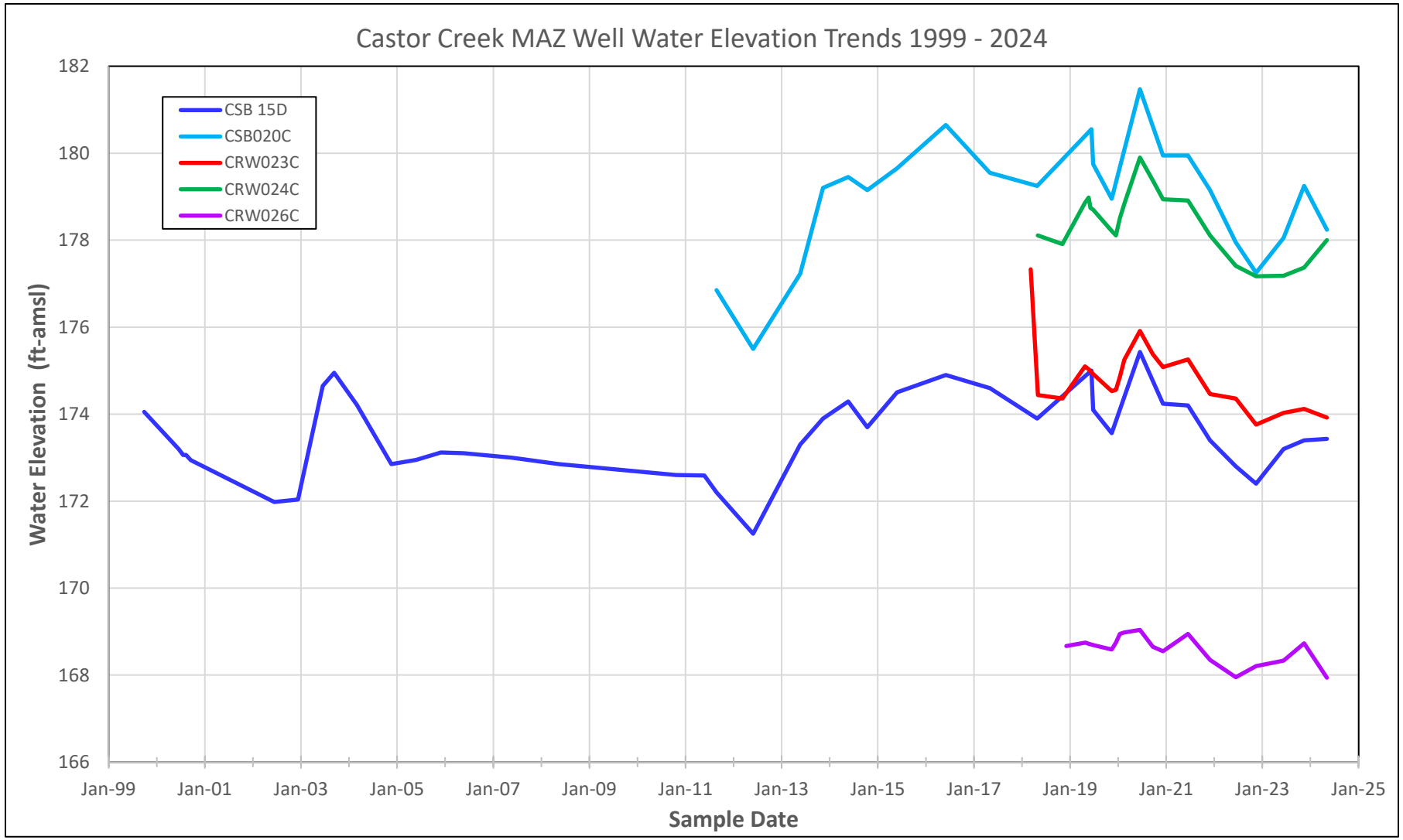

Figure 9. Water Table Trends Near Castor Creek

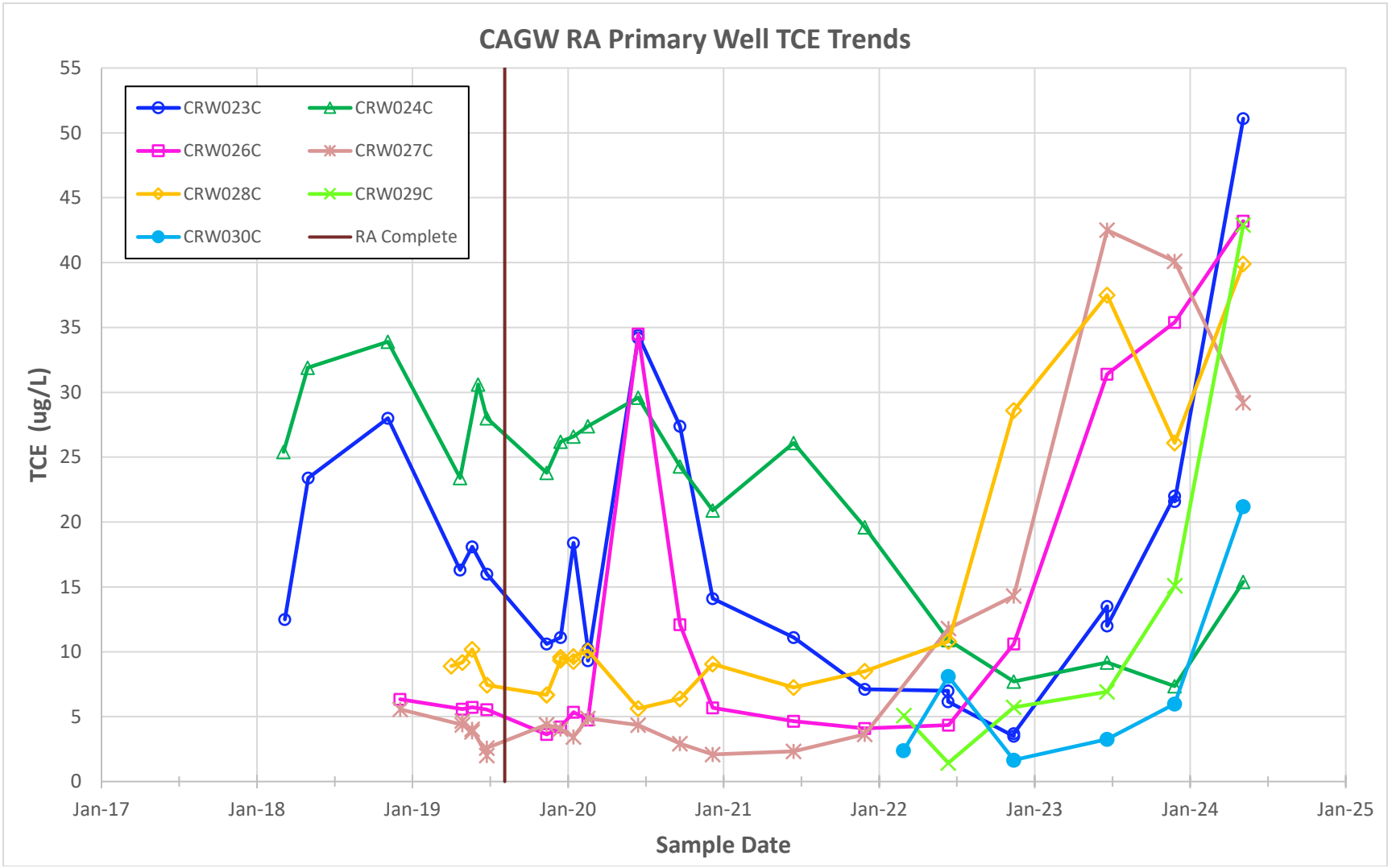

Figure 10. Groundwater TCE Trends in Primary Wells

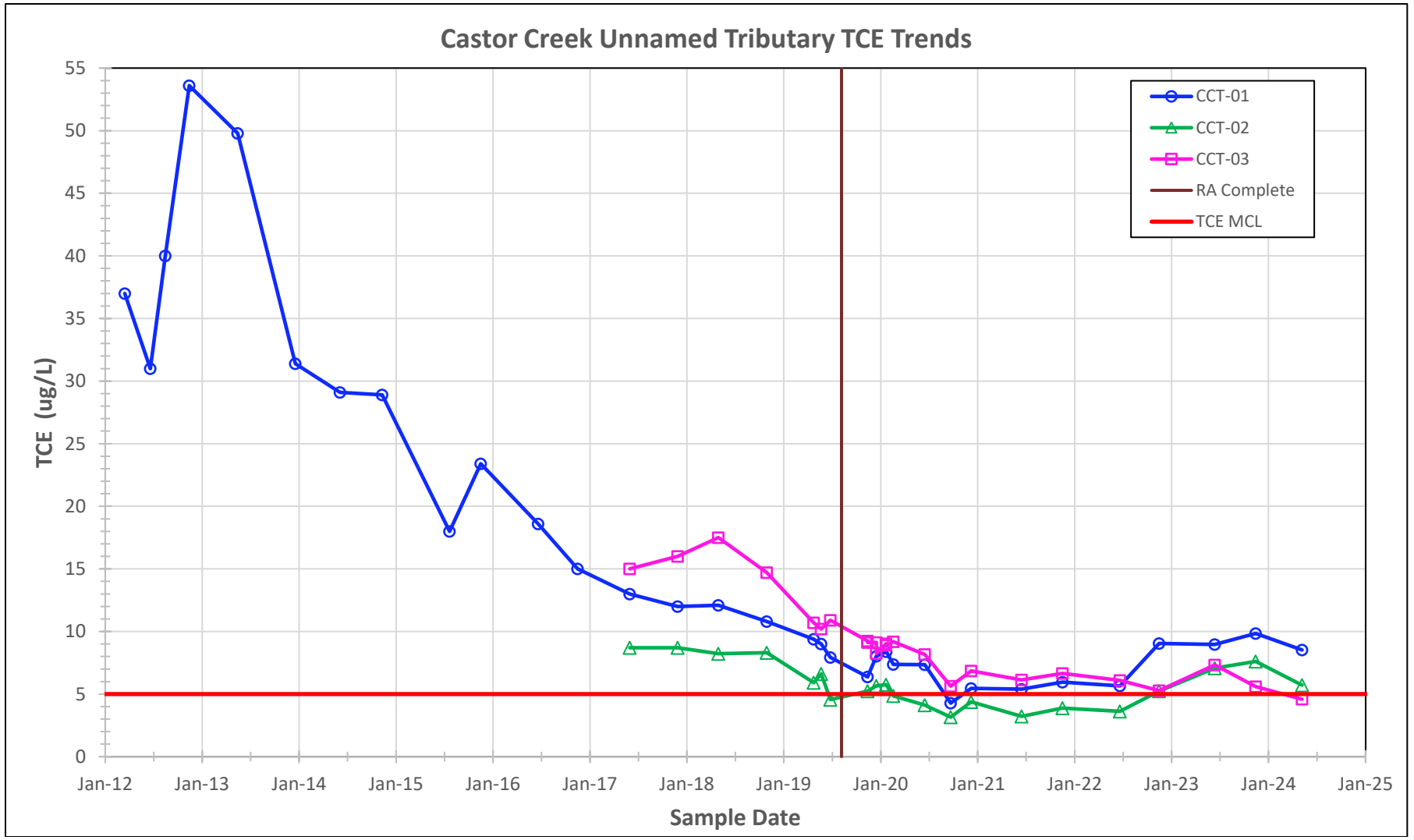

Figure 11. Castor Creek Tributary Surface Water TCE Trends

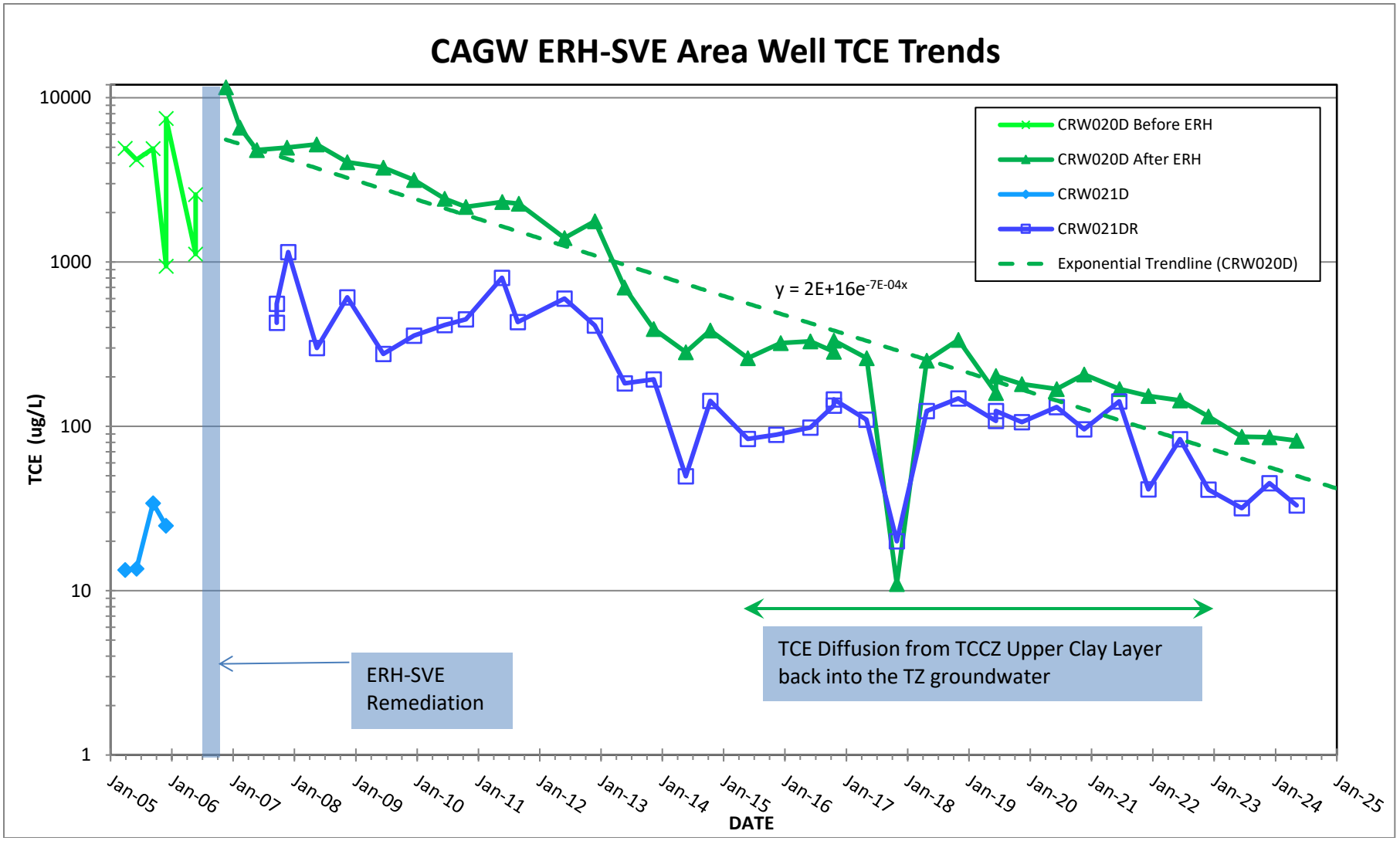

Figure 12. CAGW OU Former ERH-SVE TCE Source Area Trends

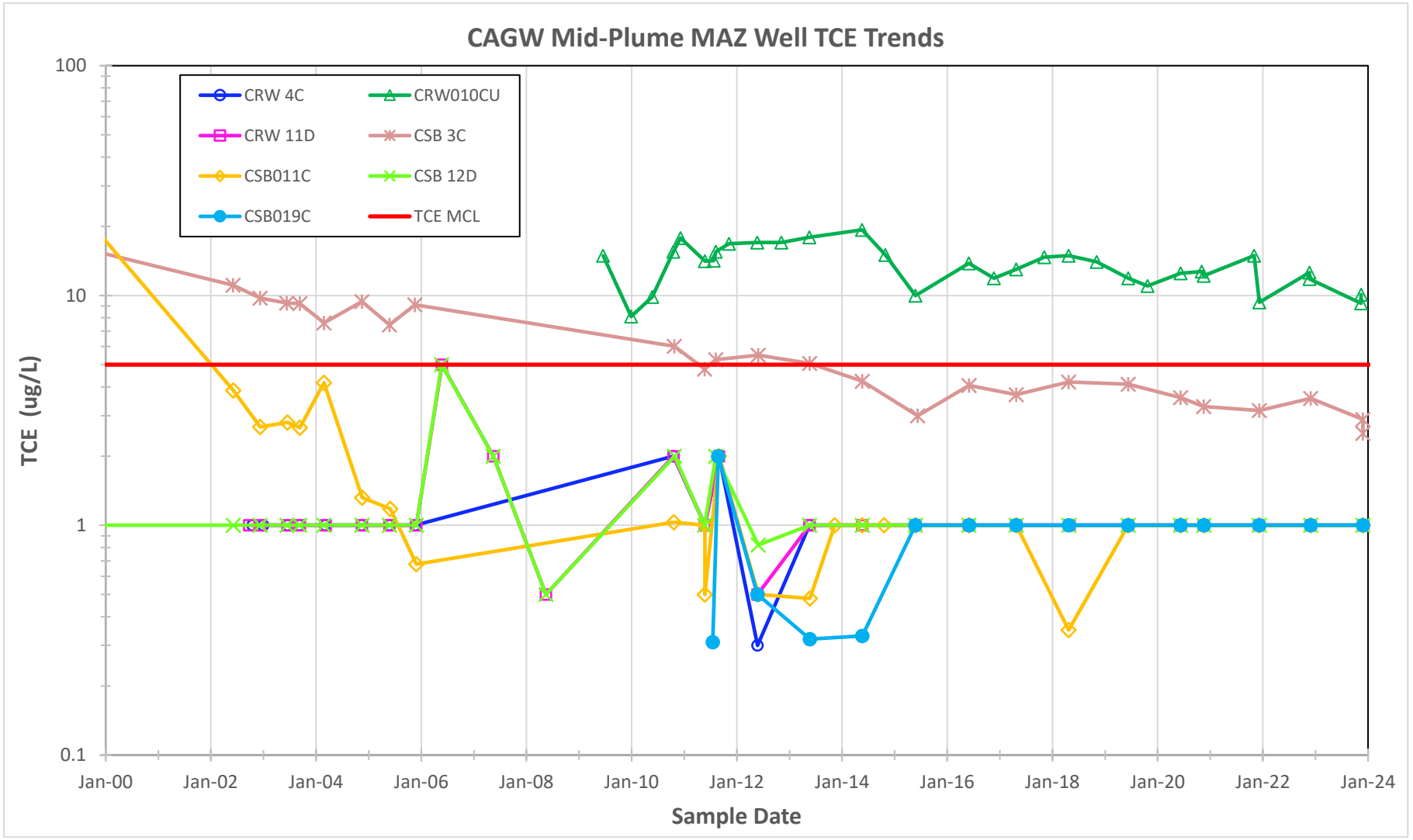

Figure 13. MAZ Well Mid-Plume TCE Trends

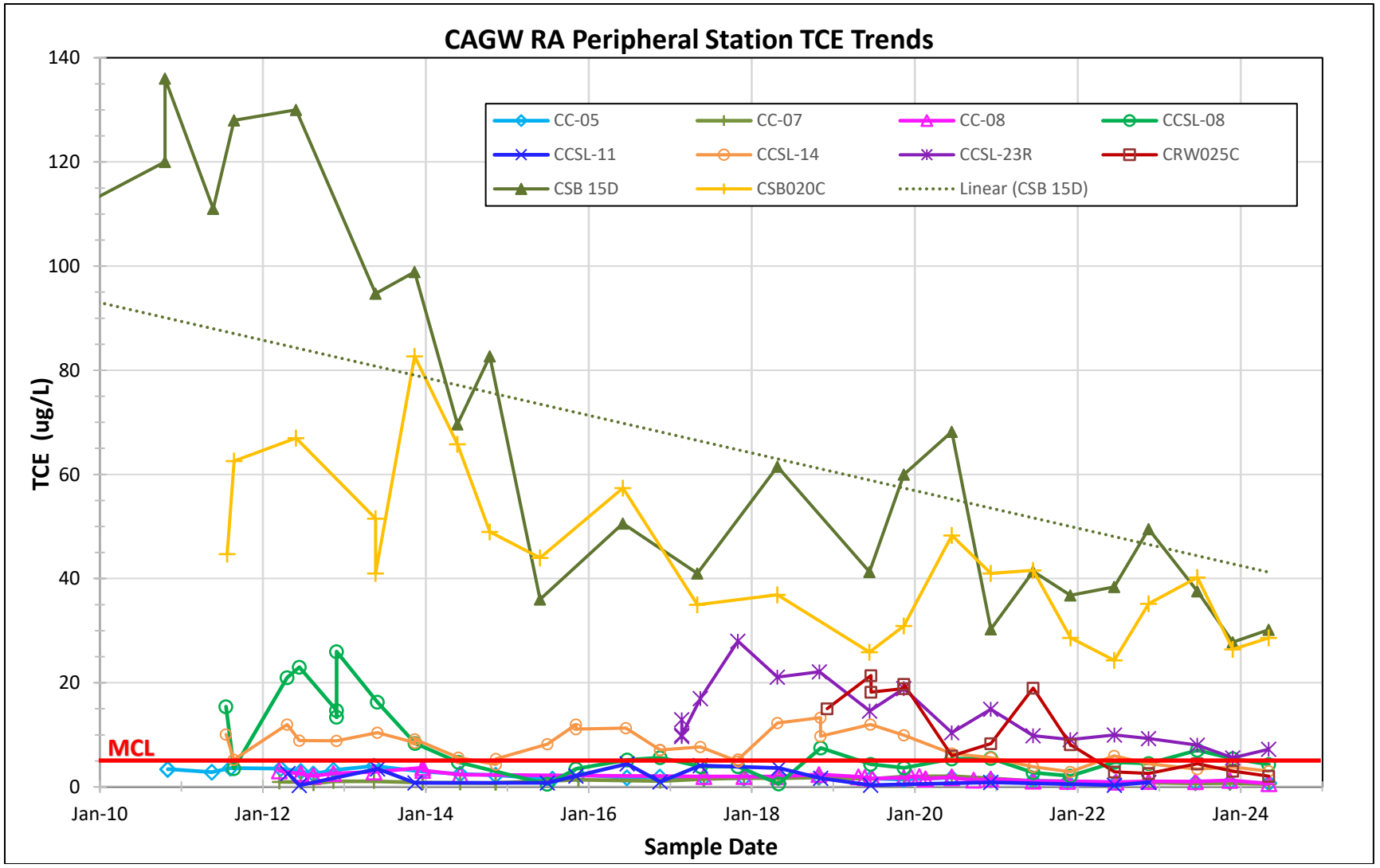

Figure 14. CAGW RA Peripheral Stations TCE Trends

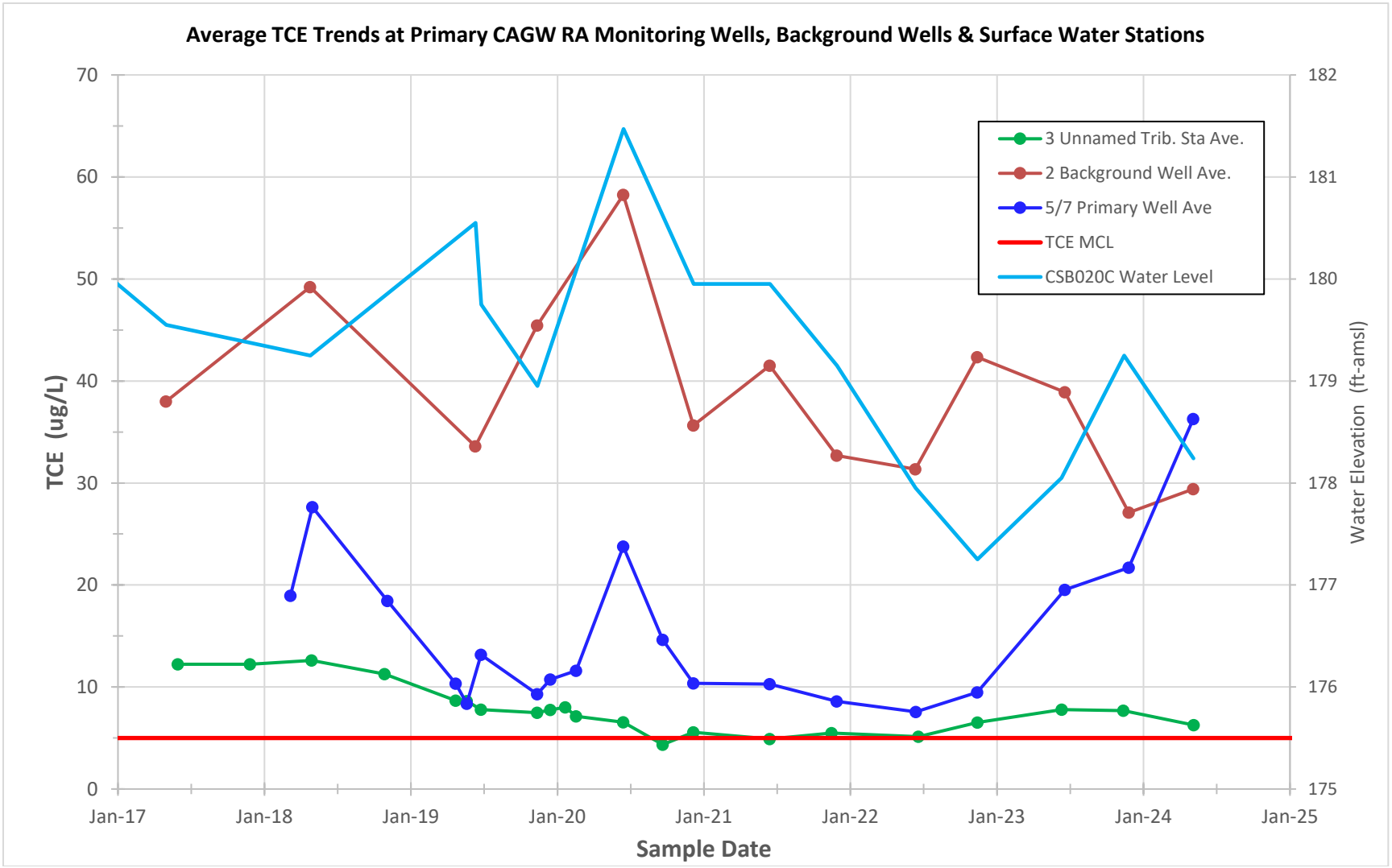

Figure 15. Groundwater and Surface Water TCE Ave. Trends

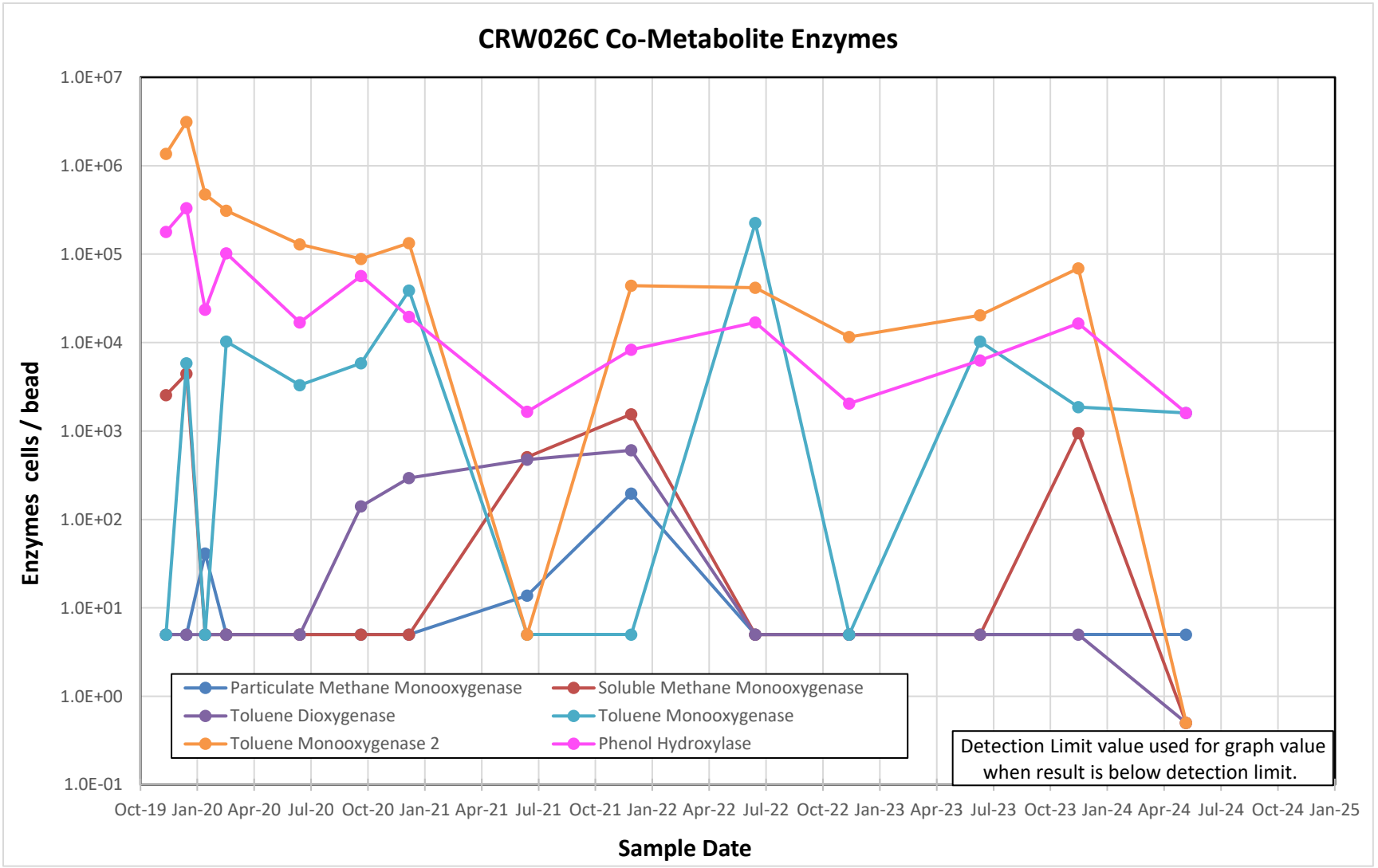

Figure 16. (Co)Metabolic Enzymes in Down-Gradient Well CRW026C

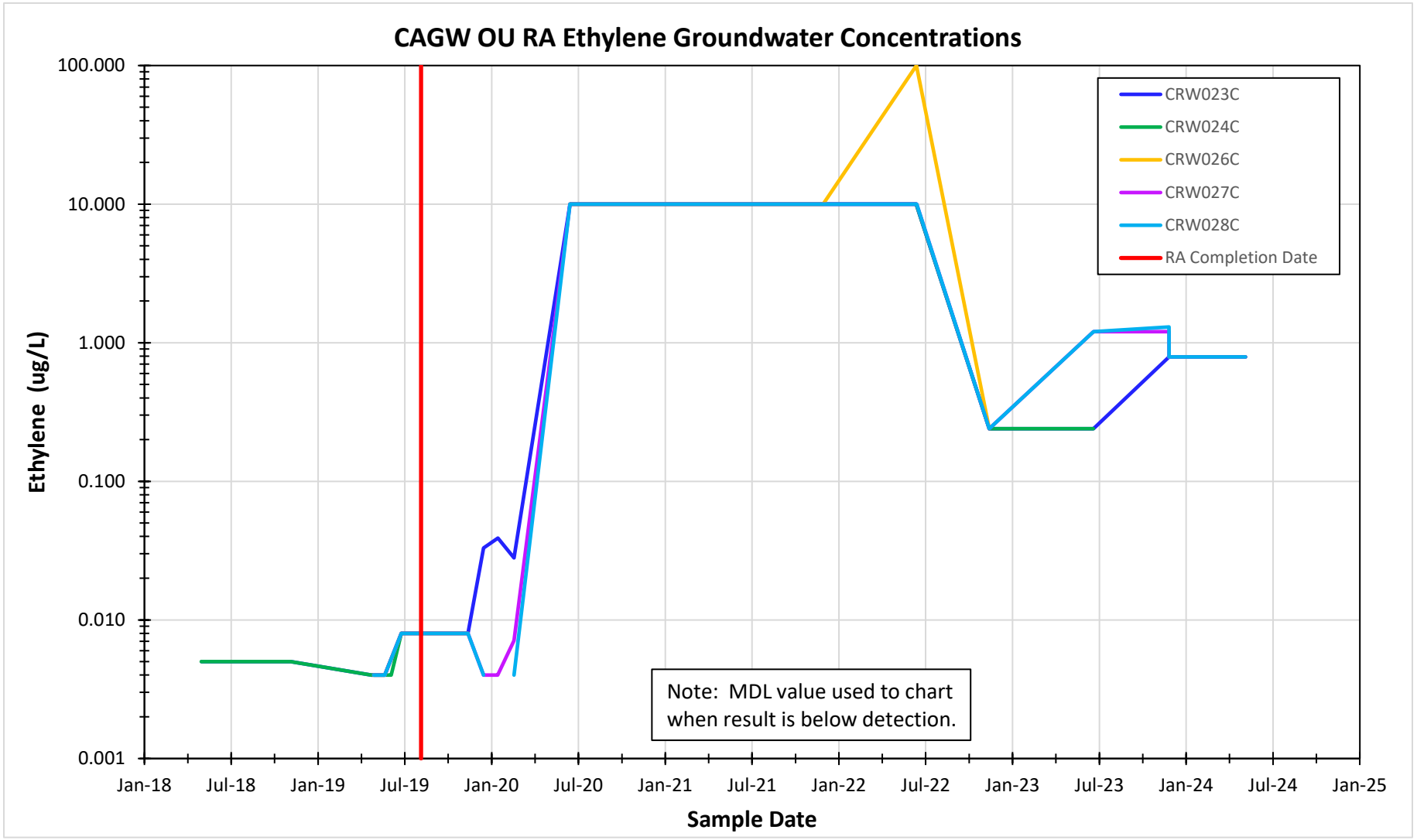

Figure 17. Ethylene Groundwater Trends

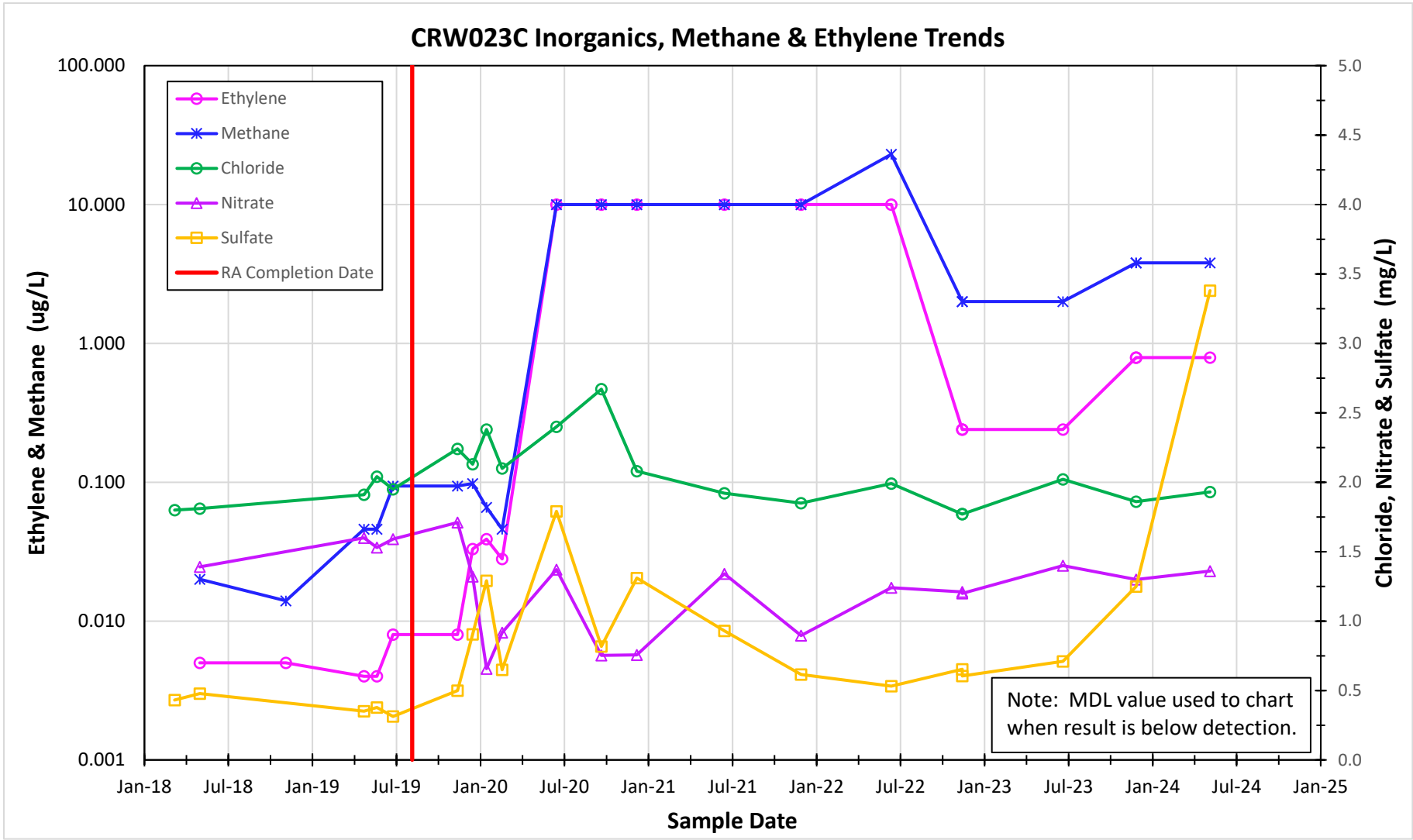

Figure 18. CRW023C Post-RA Groundwater Trends

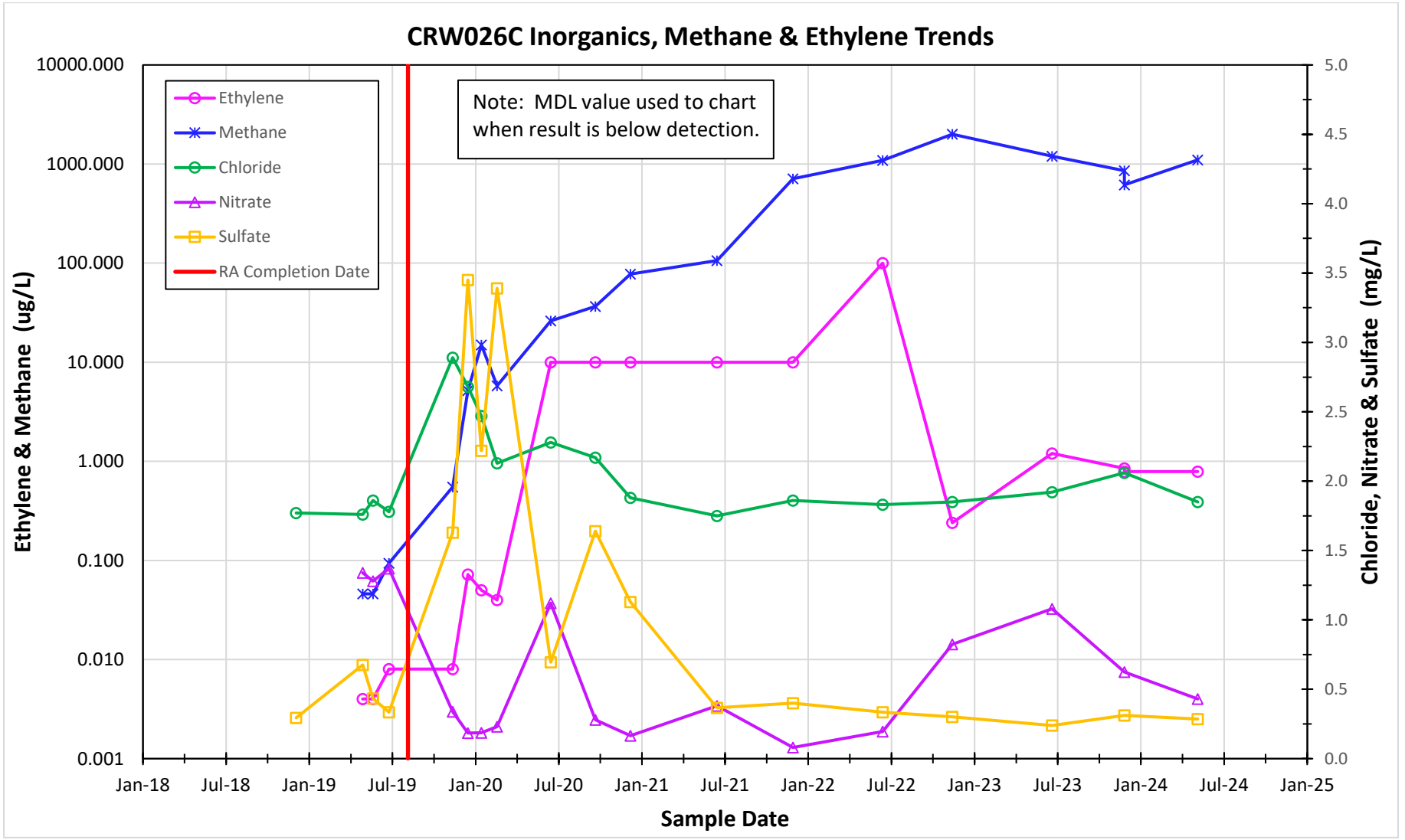

Figure 19. CRW026C Post-RA Groundwater Trends

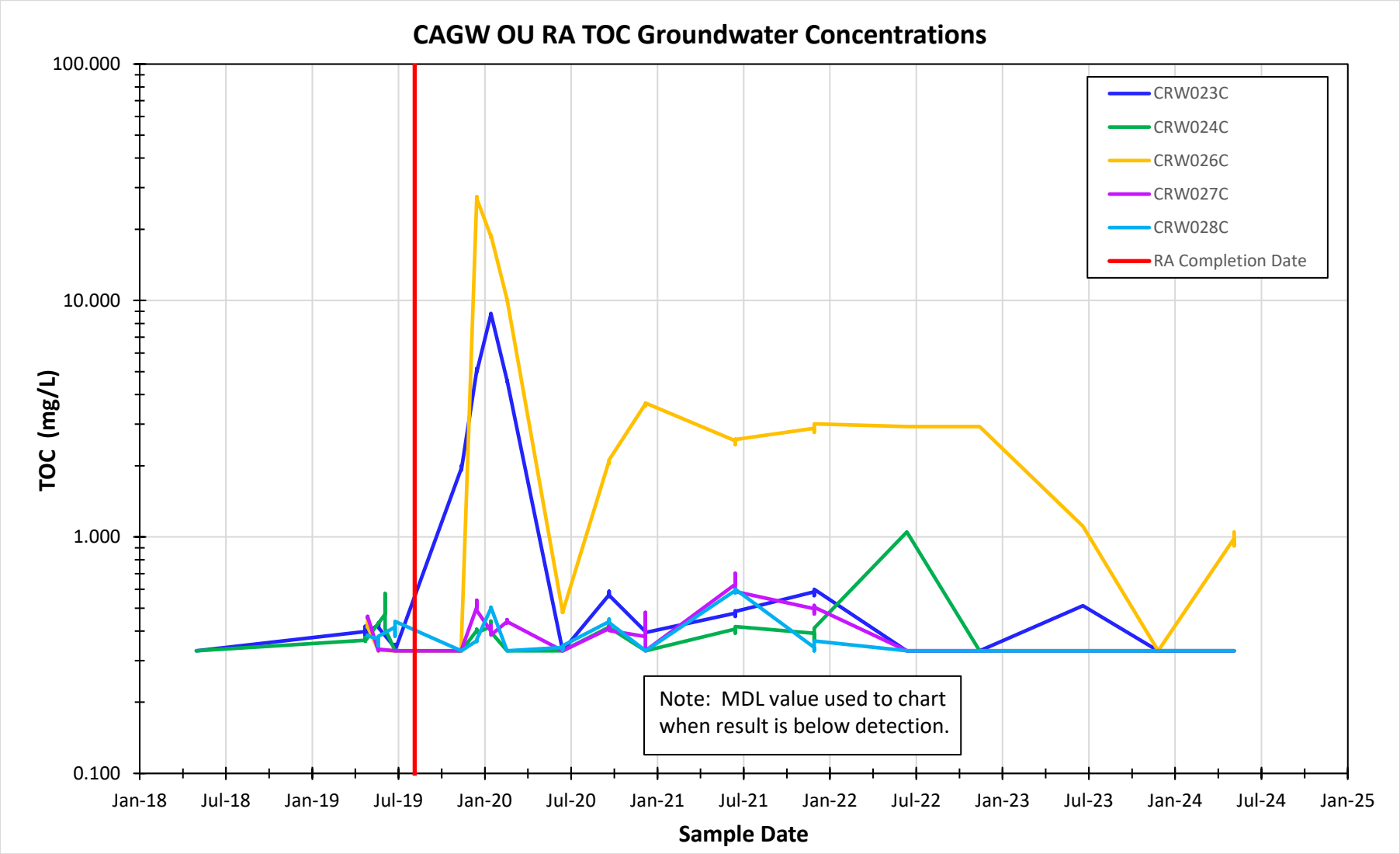

Figure 20. Post-RA TOC Groundwater Trends

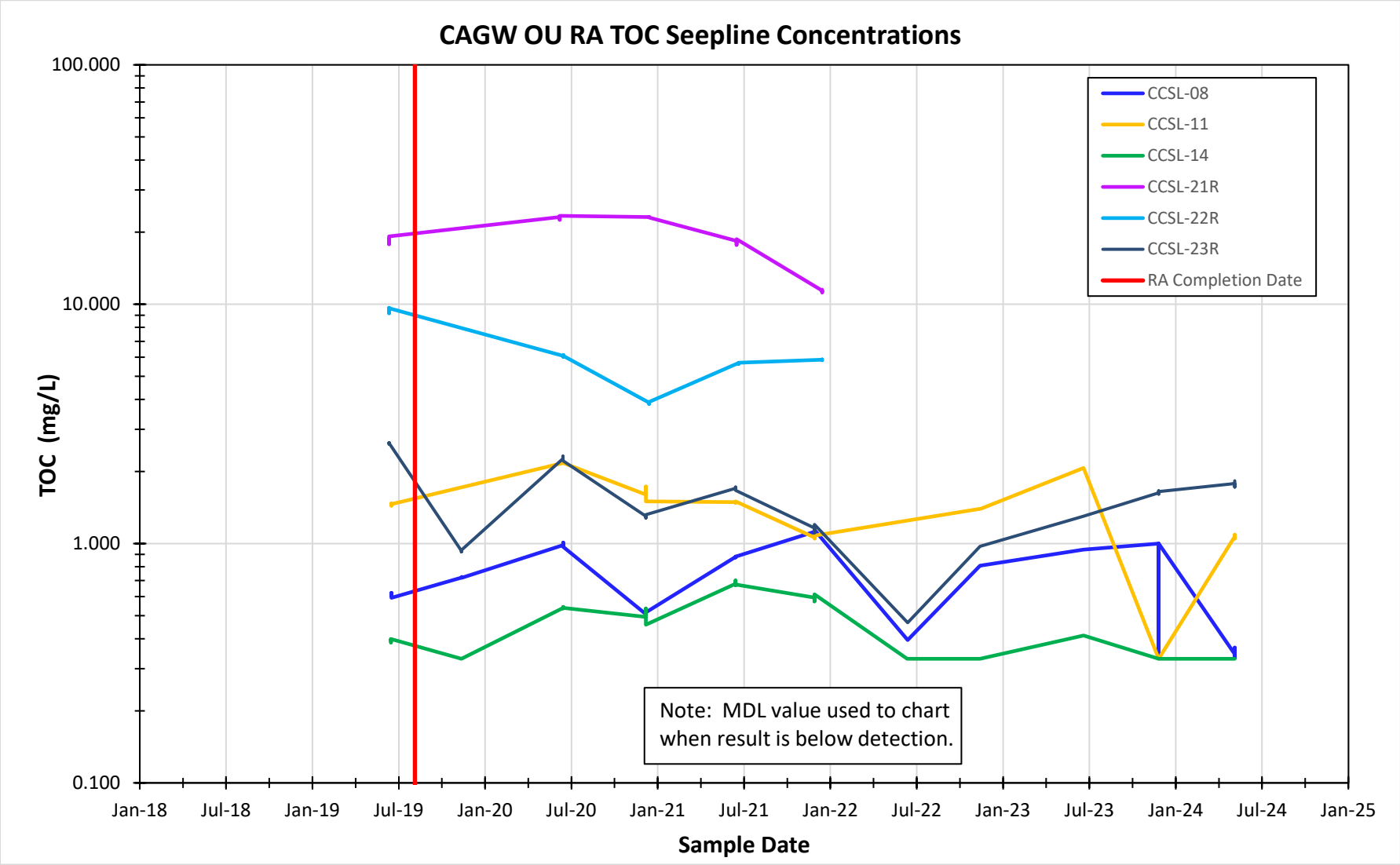

Figure 21. Post-RA Seepline TOC Groundwater Trends

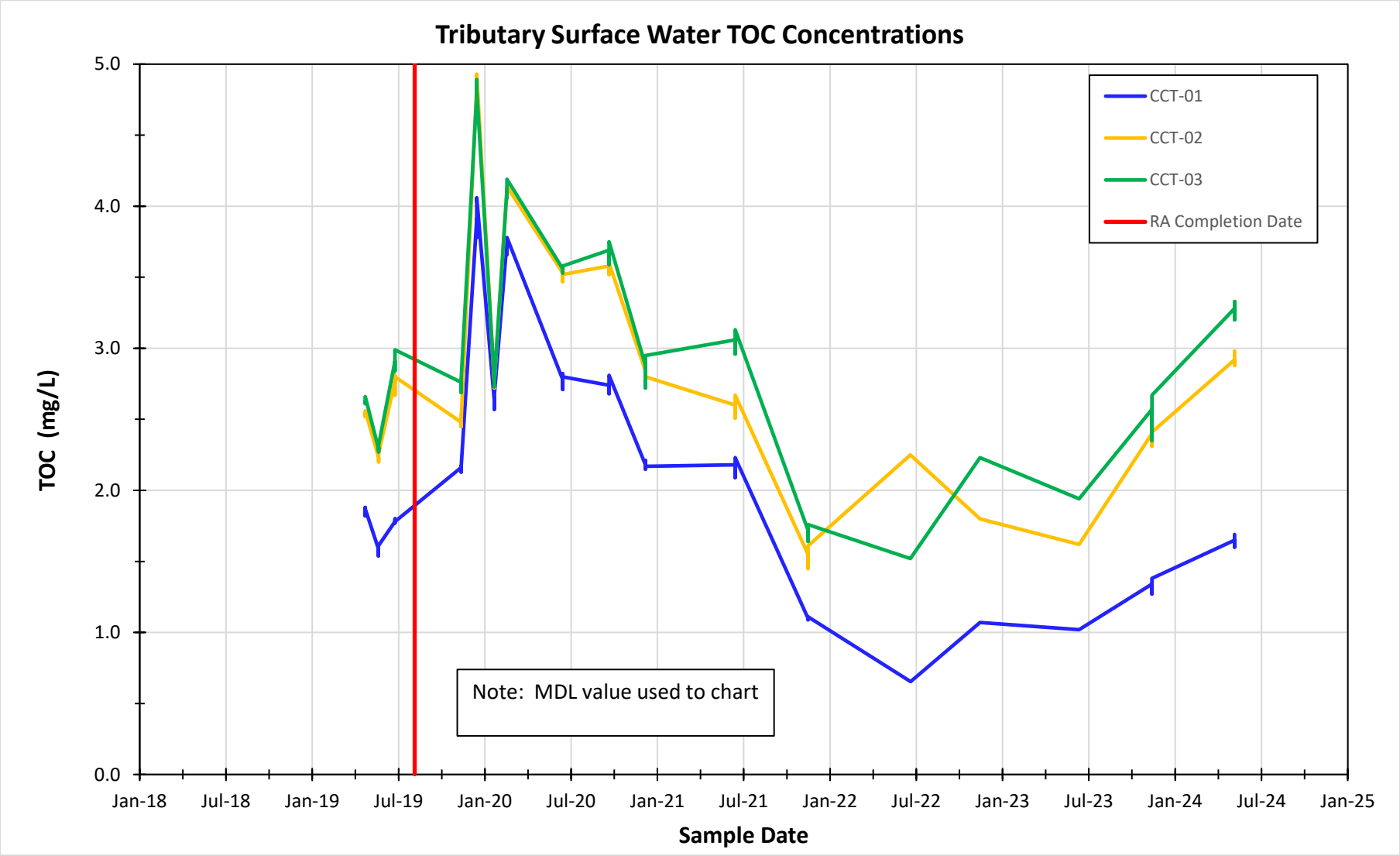

Figure 22. Post-RA Tributary TOC Surface Water Trends

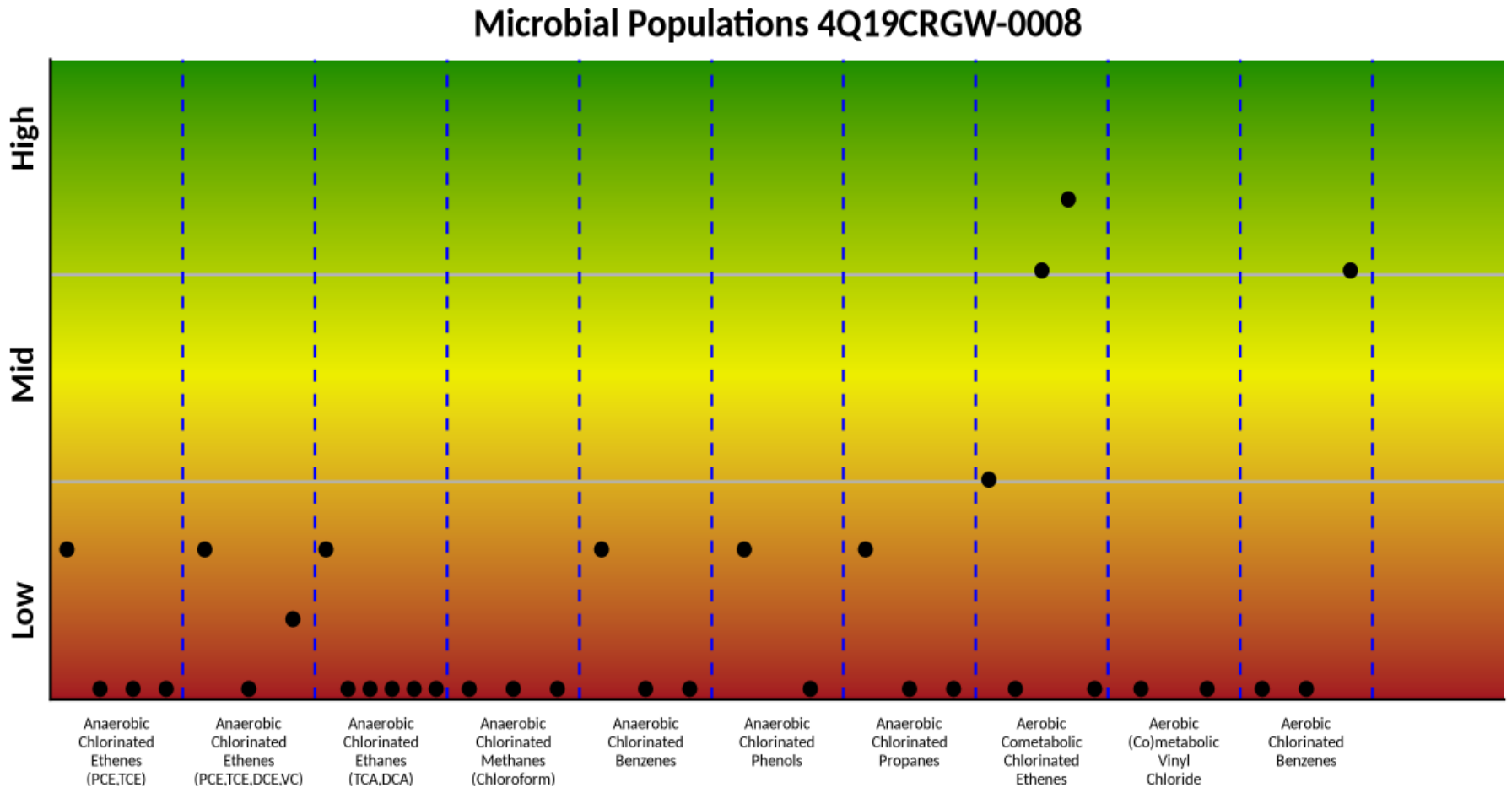

Figure 23. CRW026C Microbial Activity November 2019

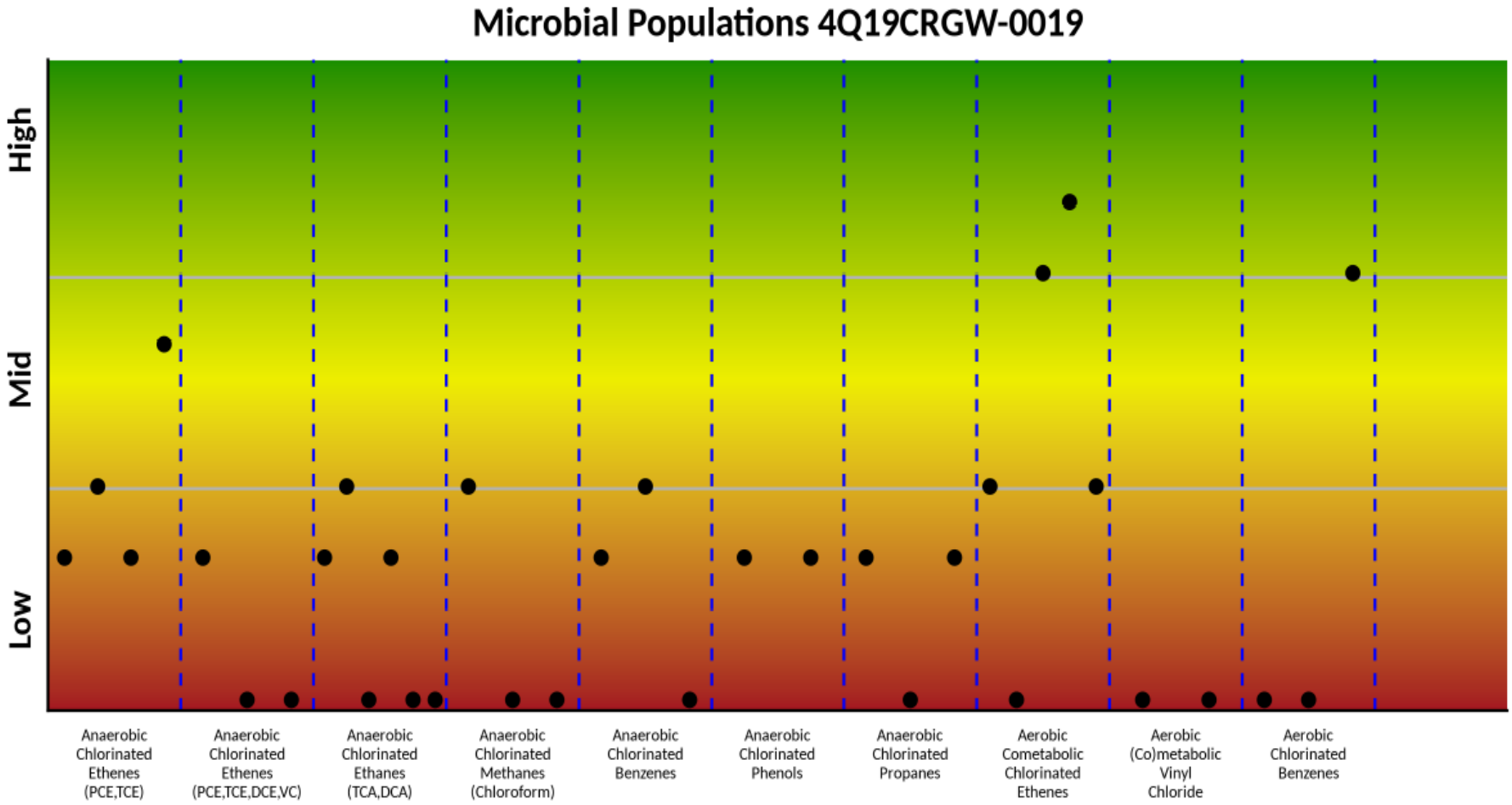

Figure 24. CRW026C Microbial Activity December 2019

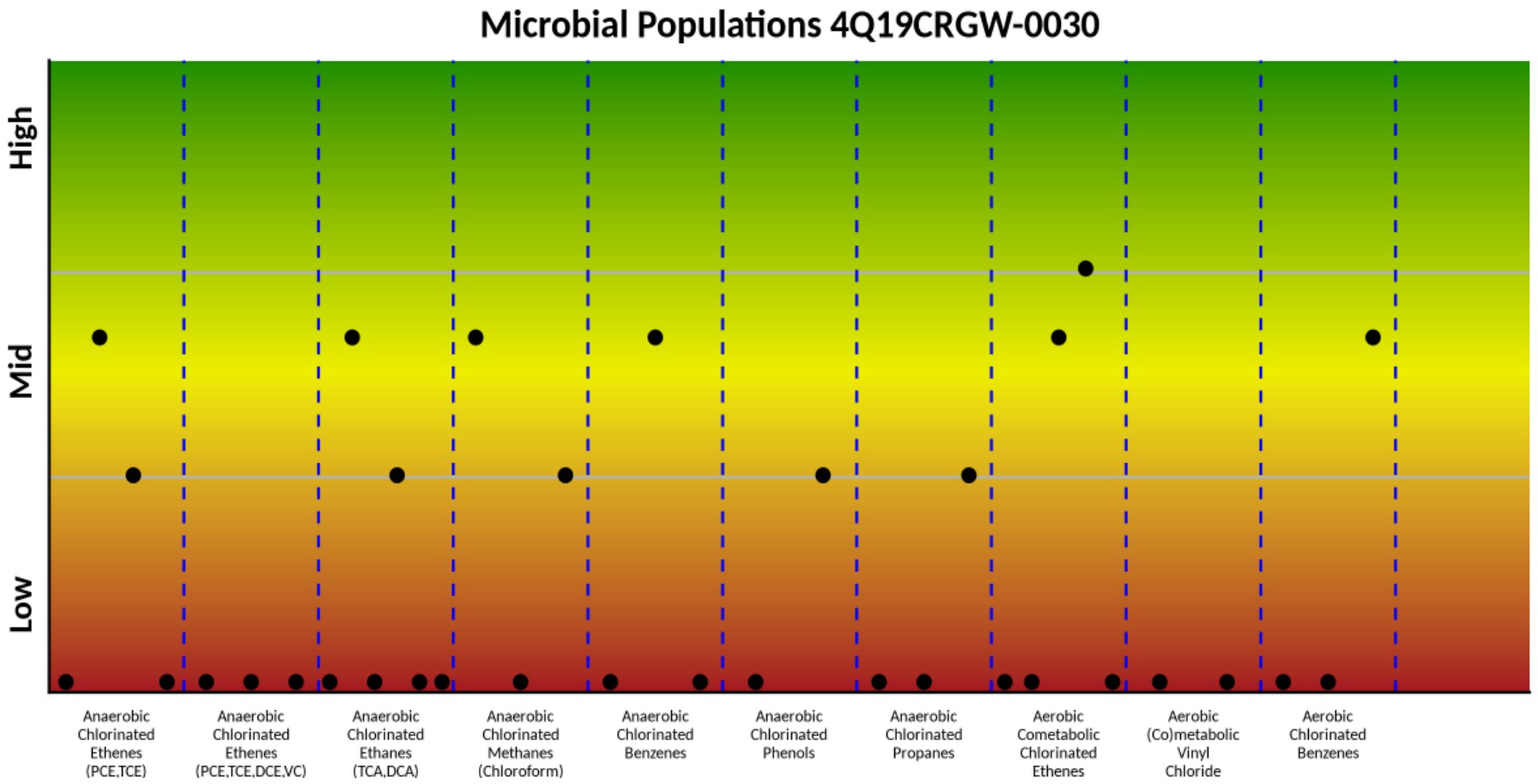

Figure 25. CRW026C Microbial Activity January 2020

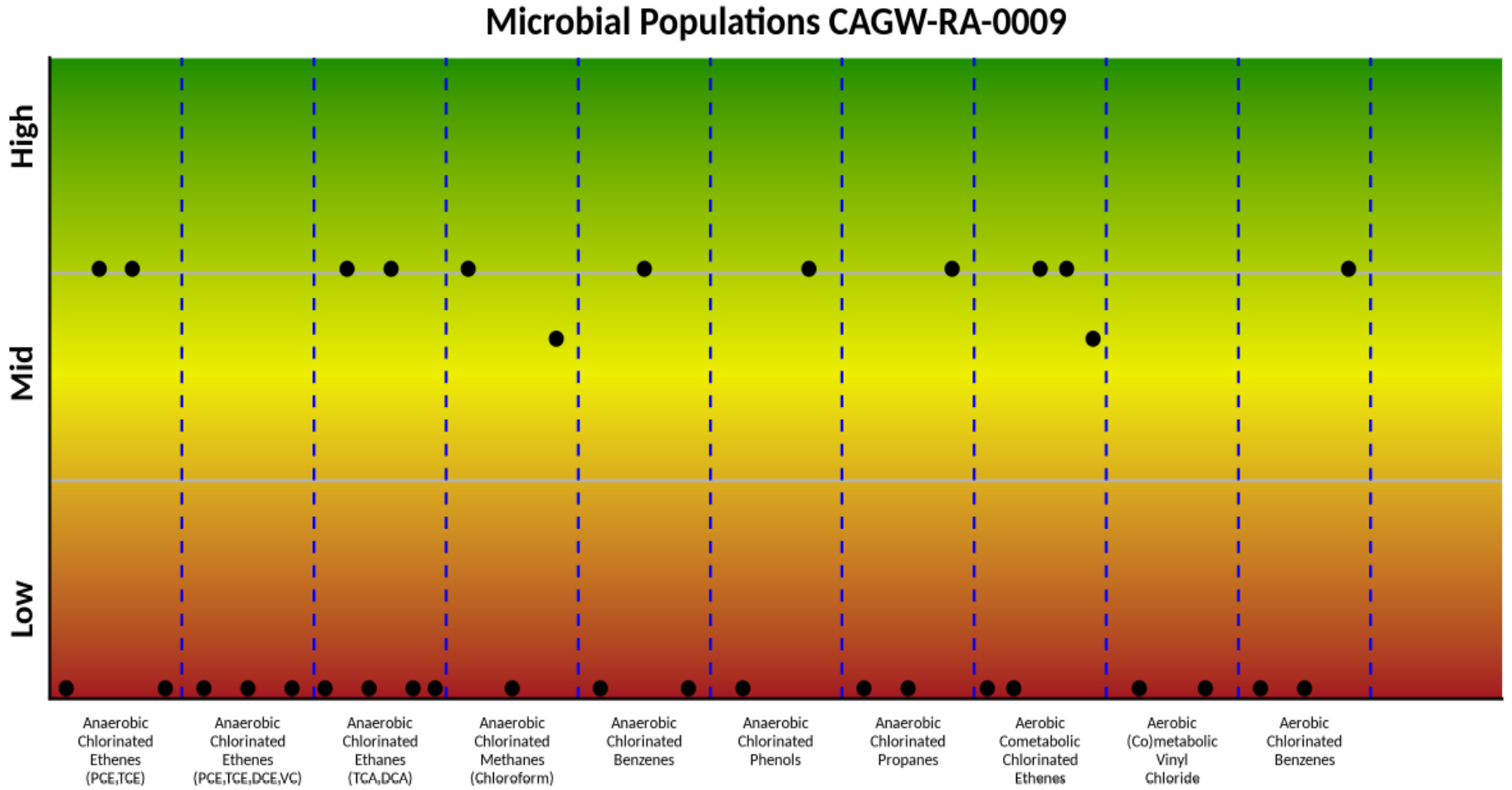

Figure 26. CRW026C Microbial Activity February 2020

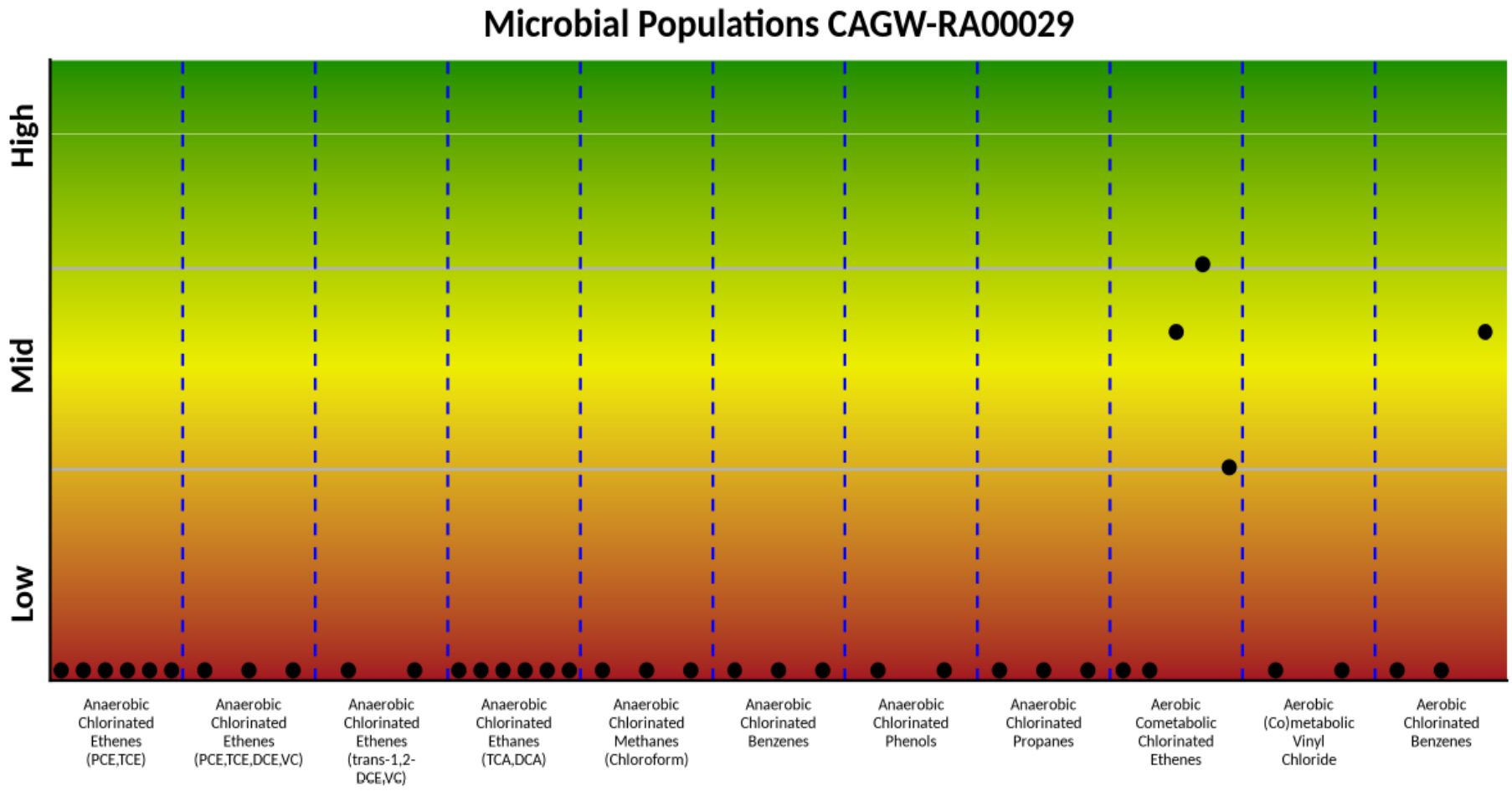

Figure 27. CRW026C Microbial Activity June 2020

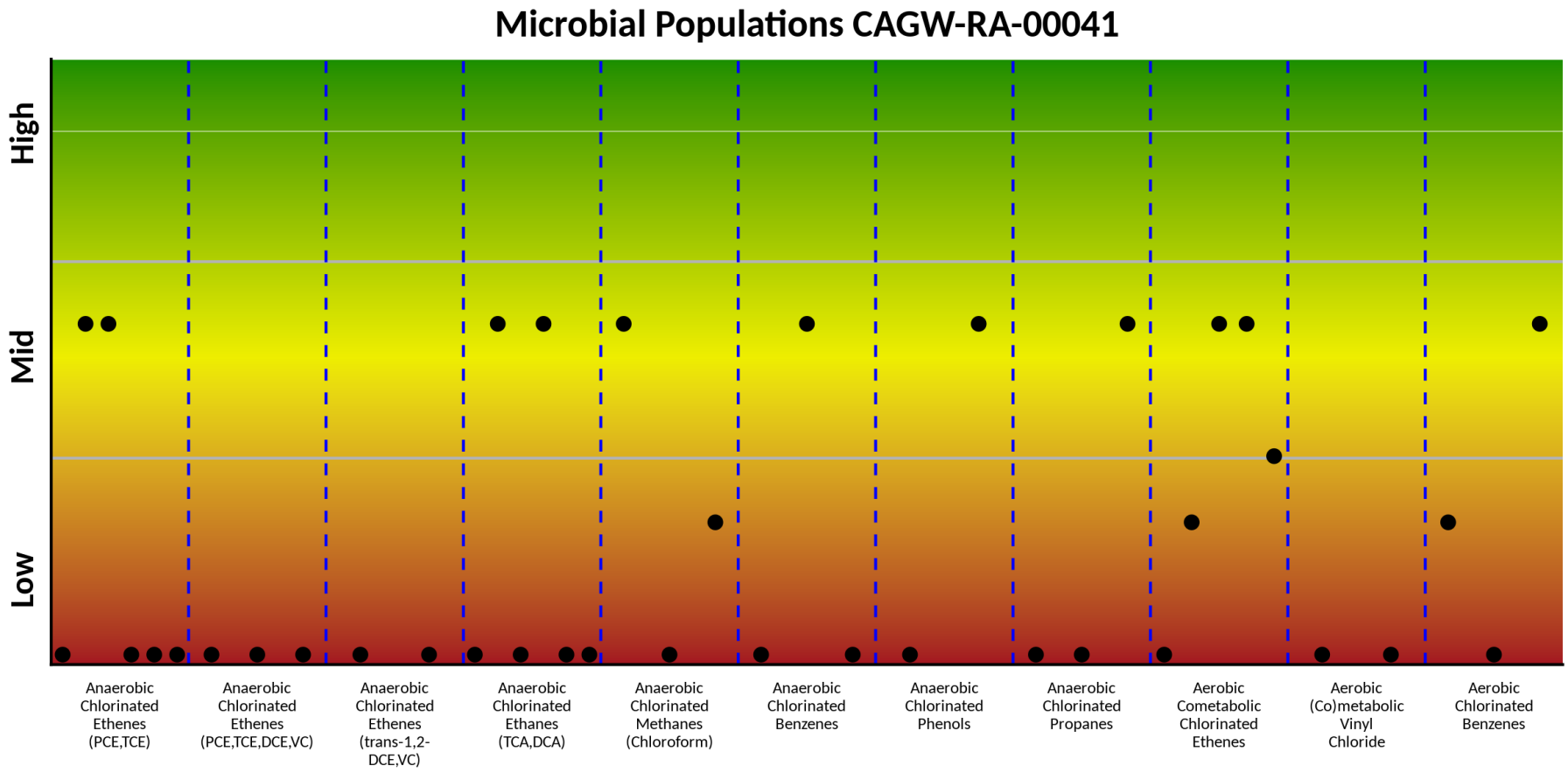

Figure 28. CRW026C Microbial Activity September 2020

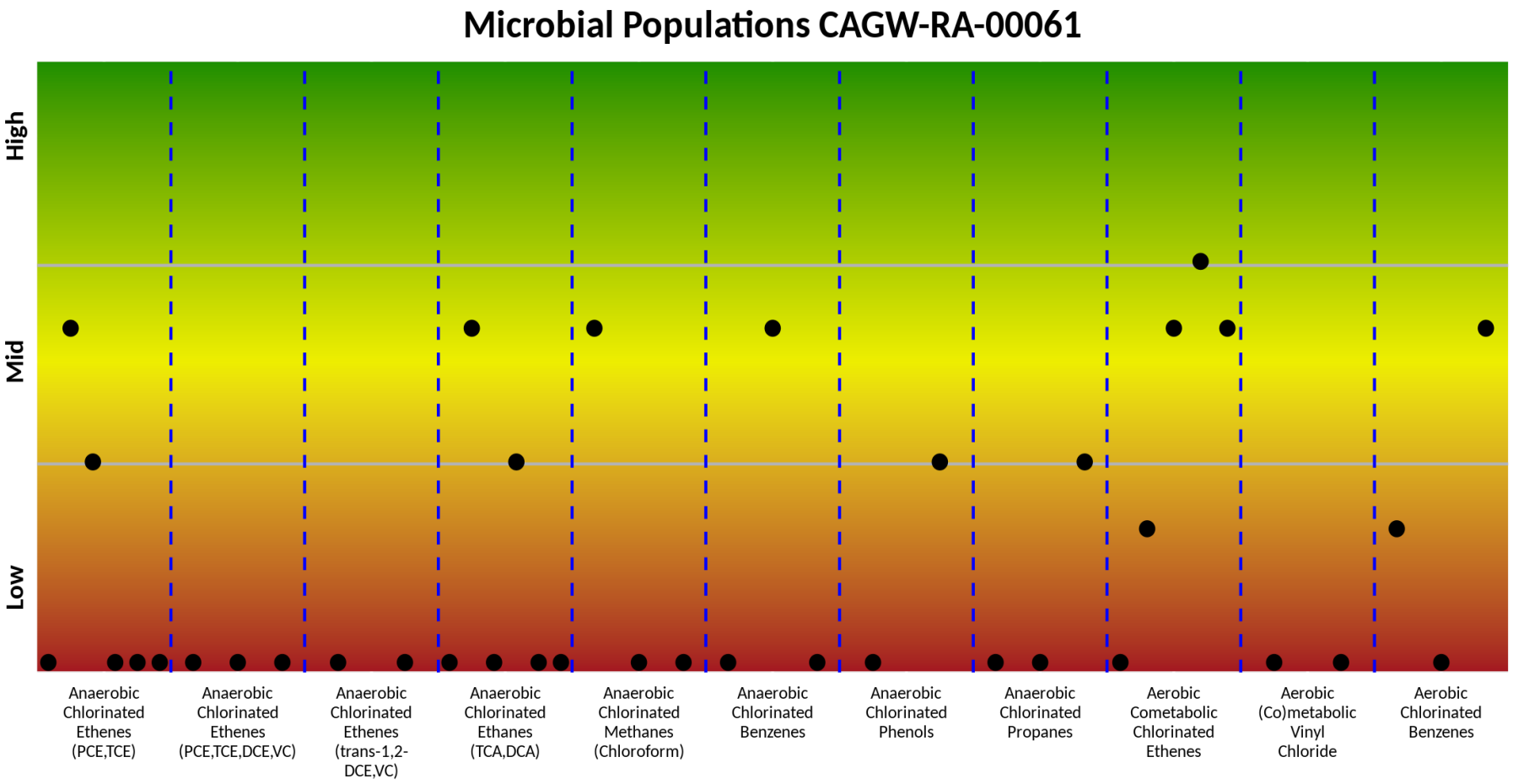

Figure 29. CRW026C Microbial Activity December 2020

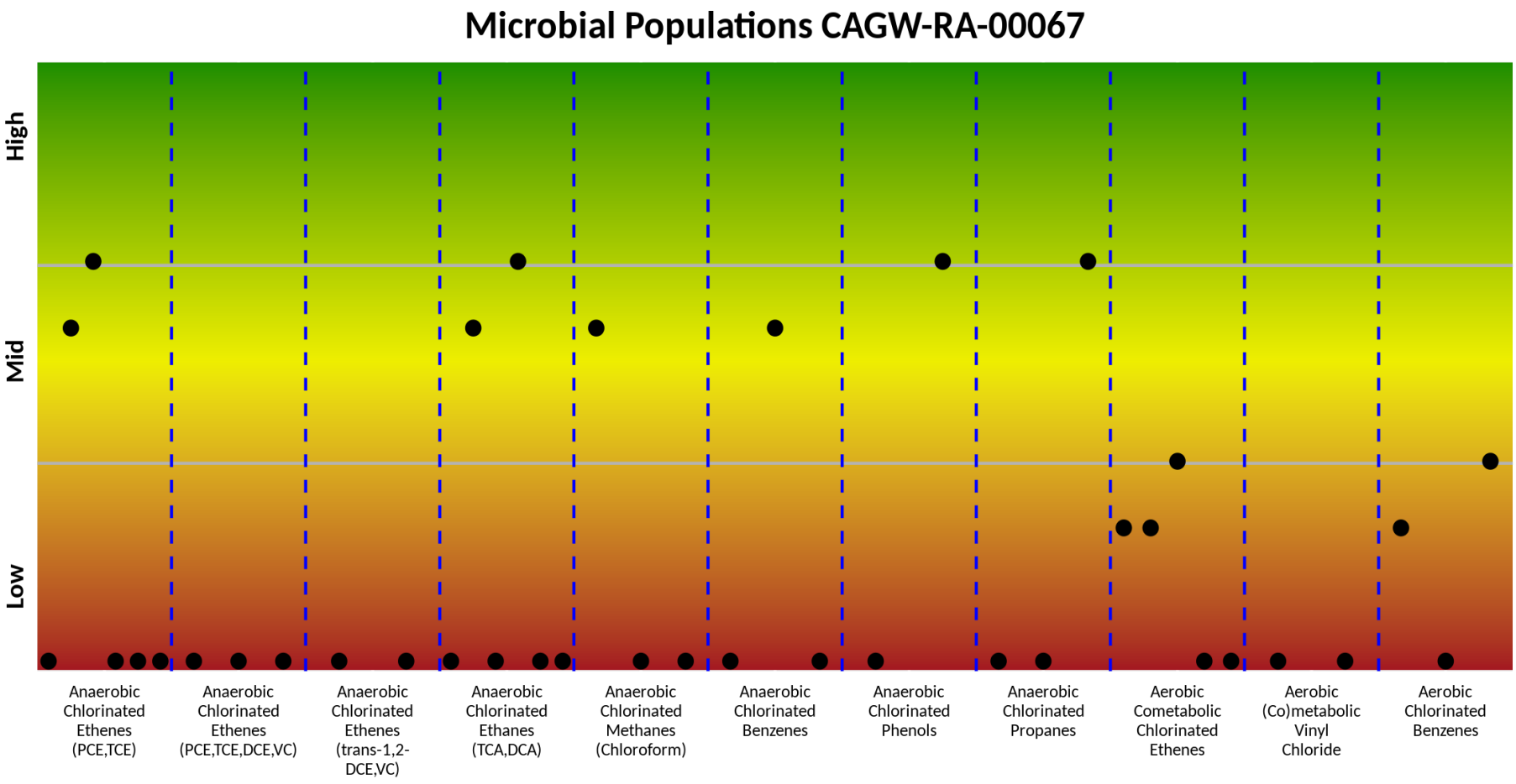

Figure 30. CRW026C Microbial Activity June 2021

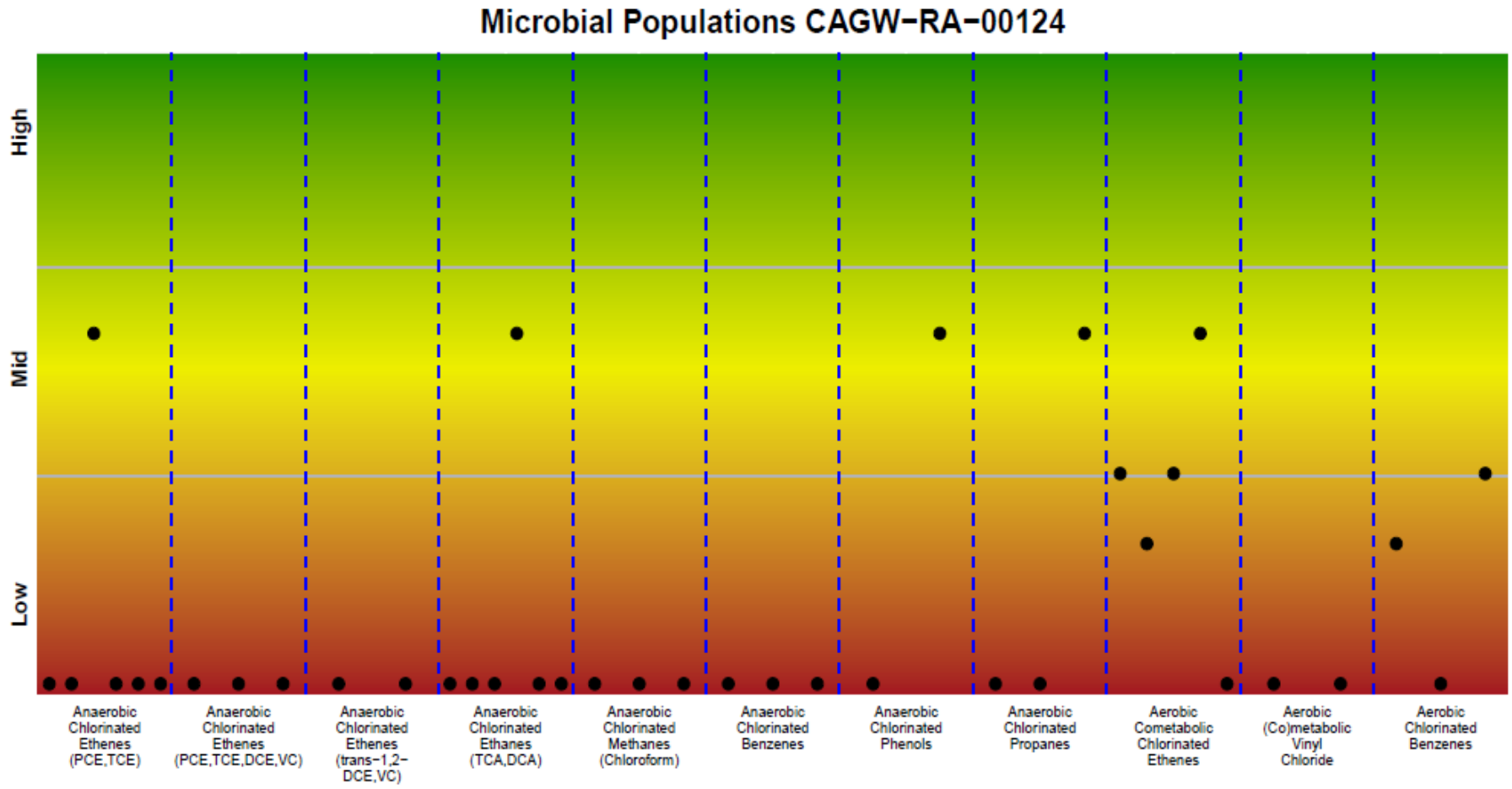

Figure 31. CRW026C Microbial Activity November 2021

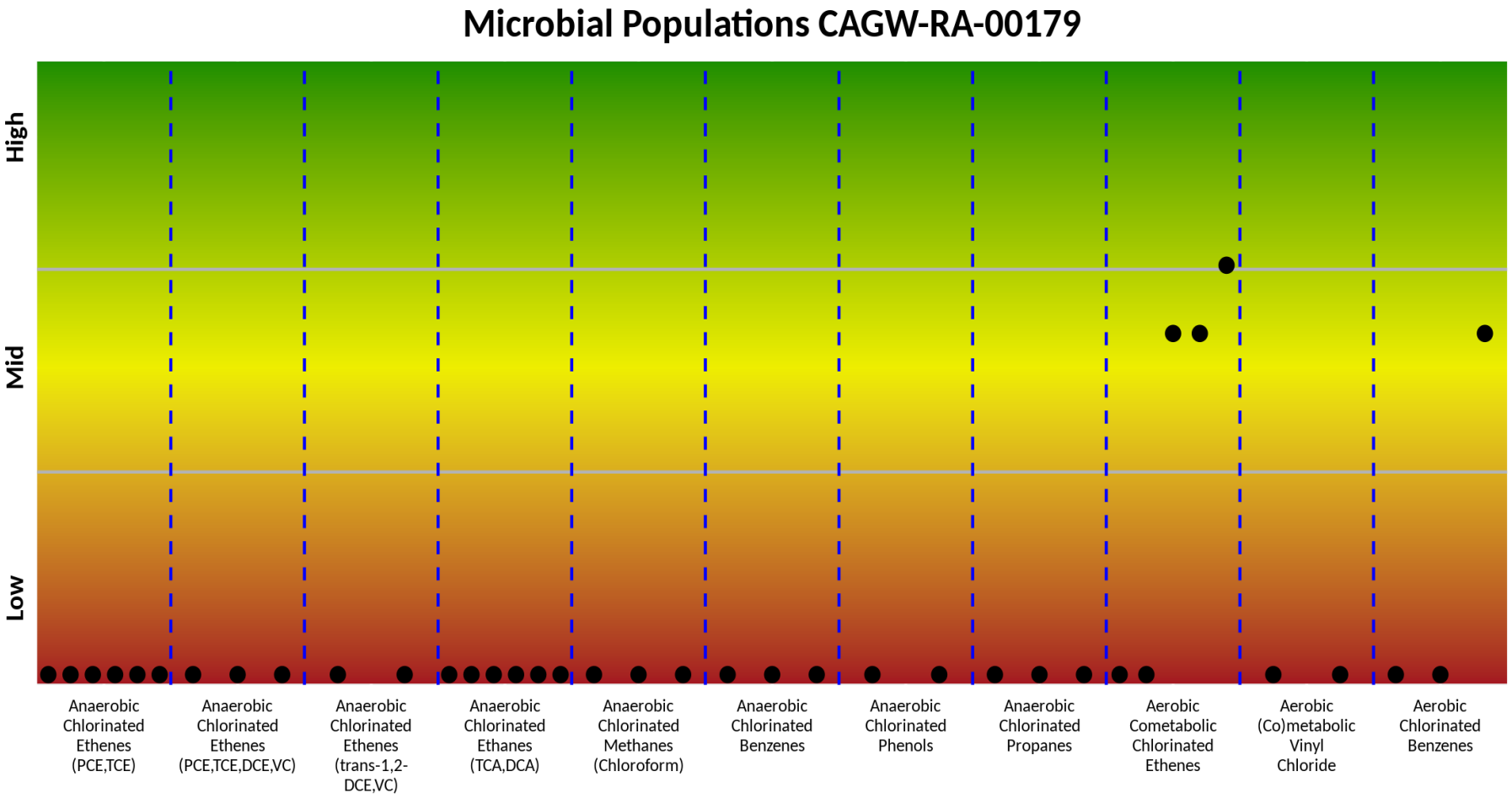

Figure 32. CRW026C Microbial Activity June 2022

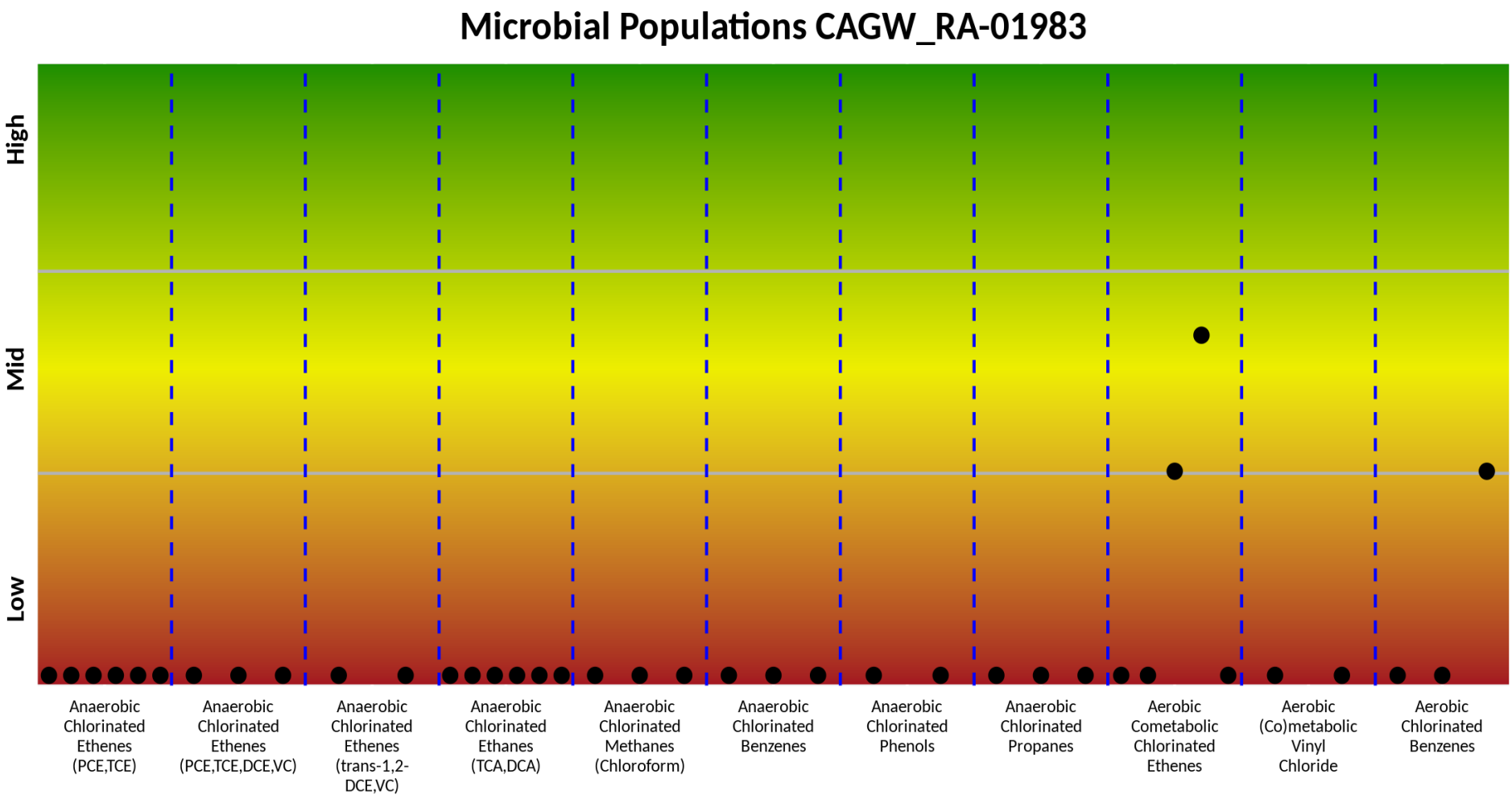

Figure 33. CRW026C Microbial Activity November 2022

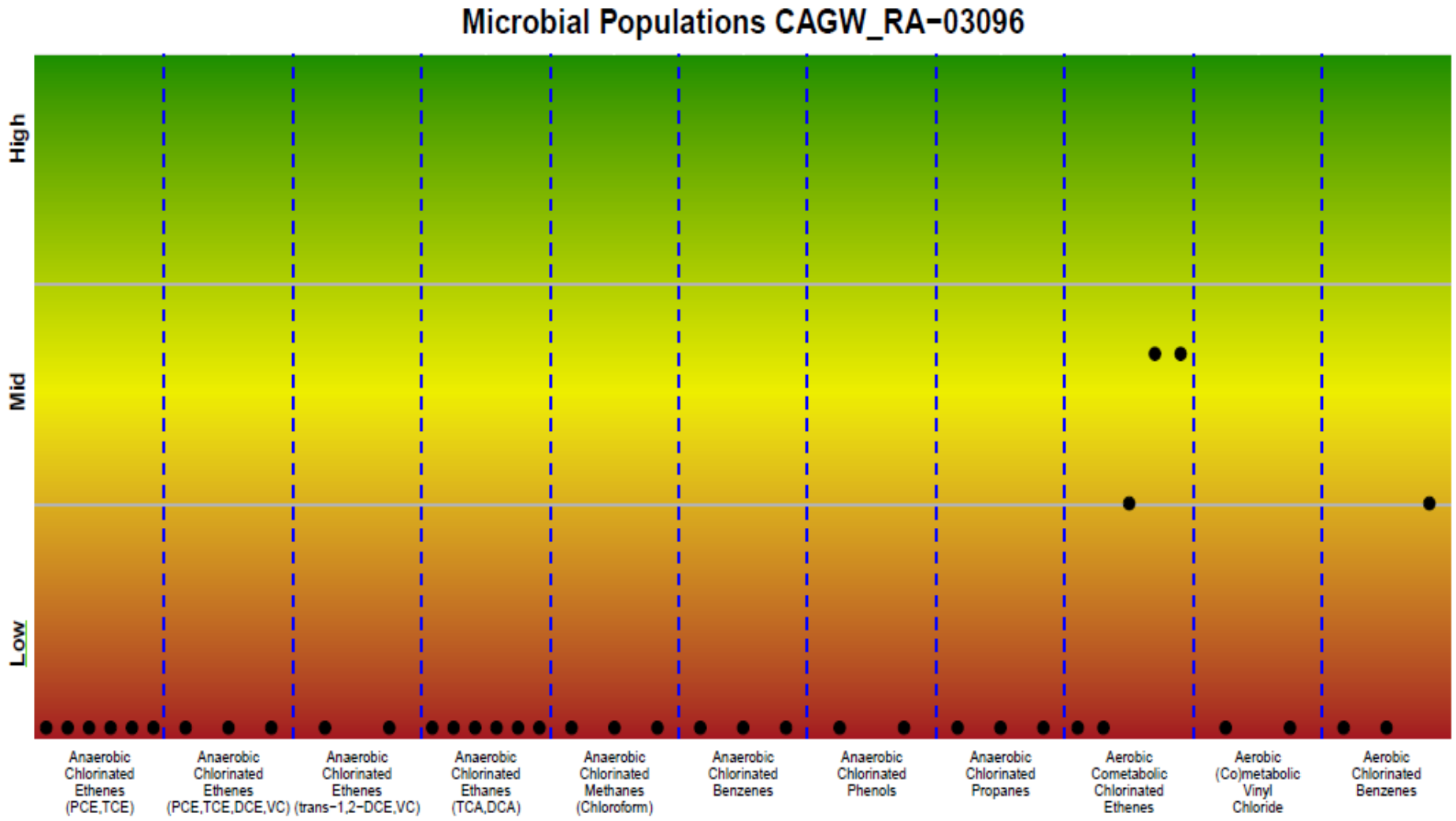

Figure 34. CRW026C Microbial Activity June 2023

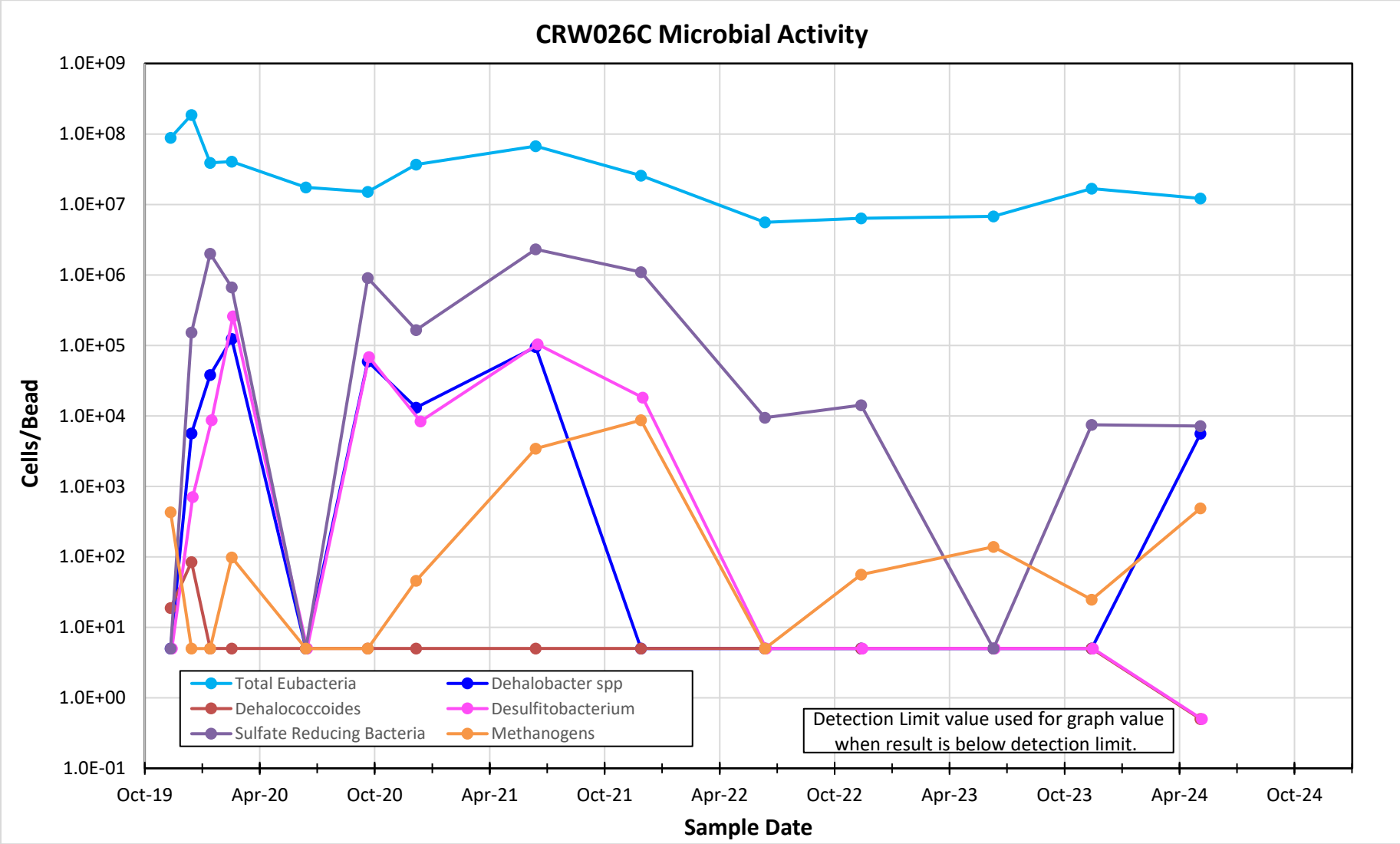

Figure 35. CRW026C Anaerobic Microbial Assemblages

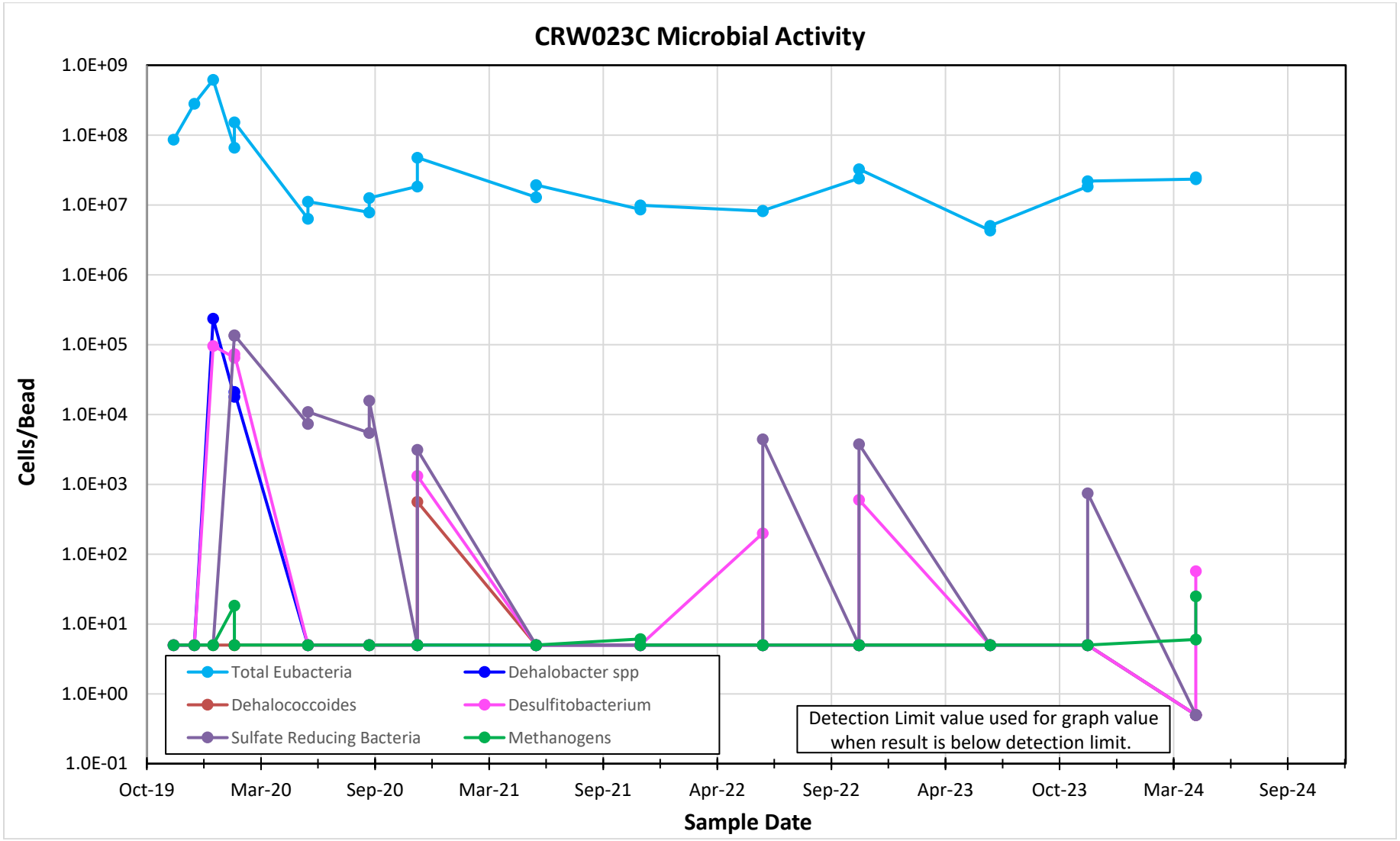

Figure 36. CRW023C Anaerobic Microbial Assemblages

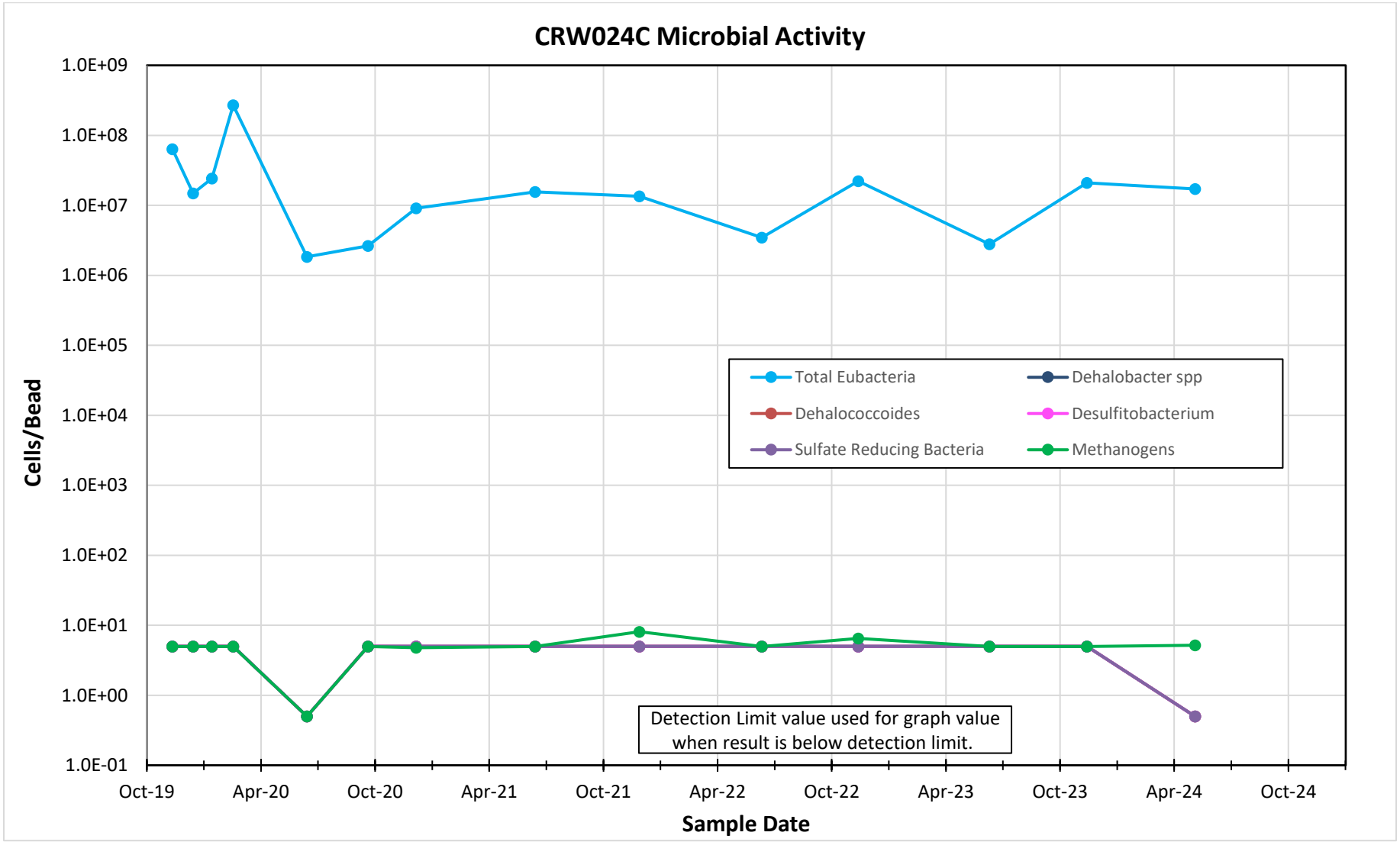

Figure 37. CRW024C Anaerobic Microbial Assemblages

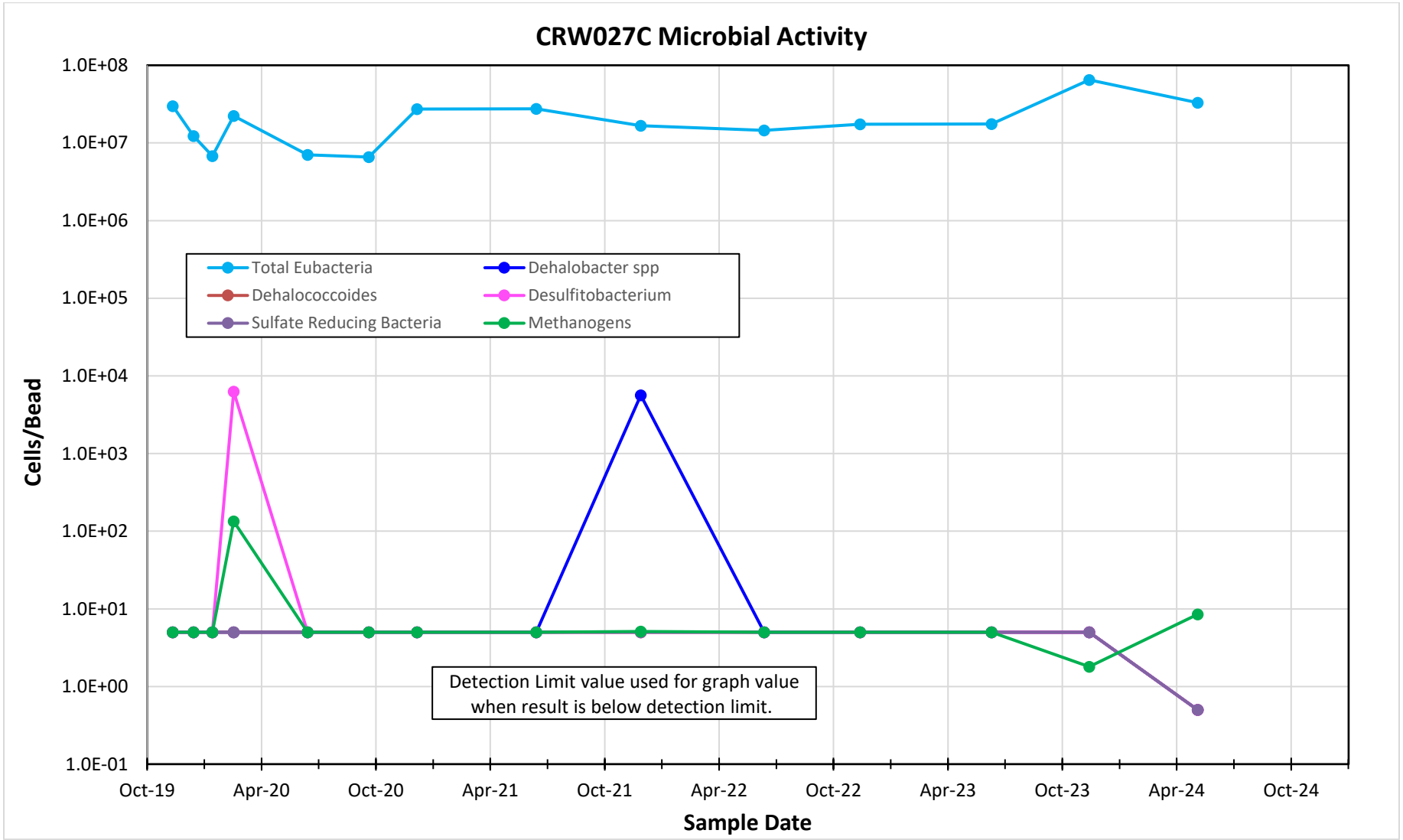

Figure 38. CRW027C Anaerobic Microbial Assemblages

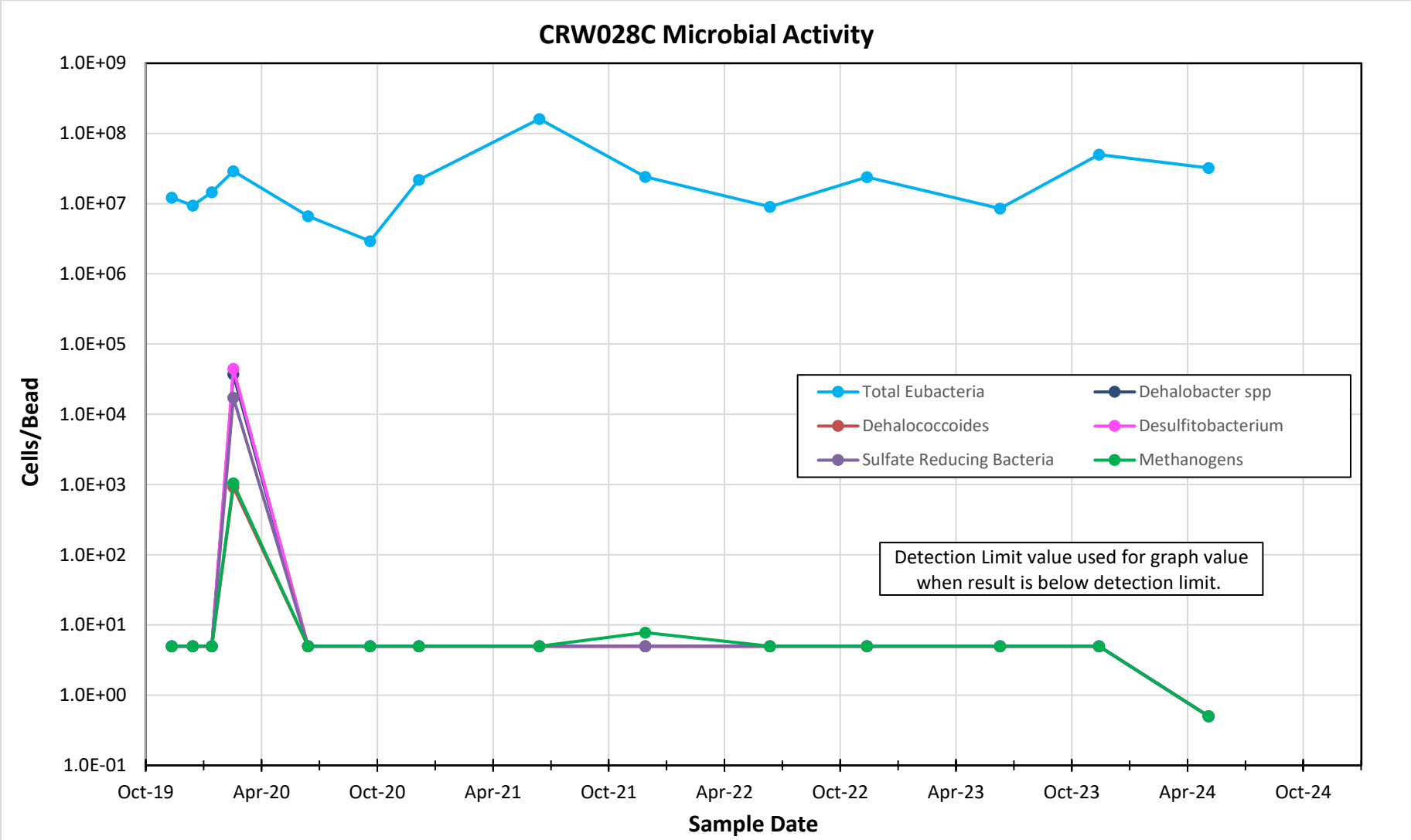

Figure 39. CRW028C Anaerobic Microbial Assemblages

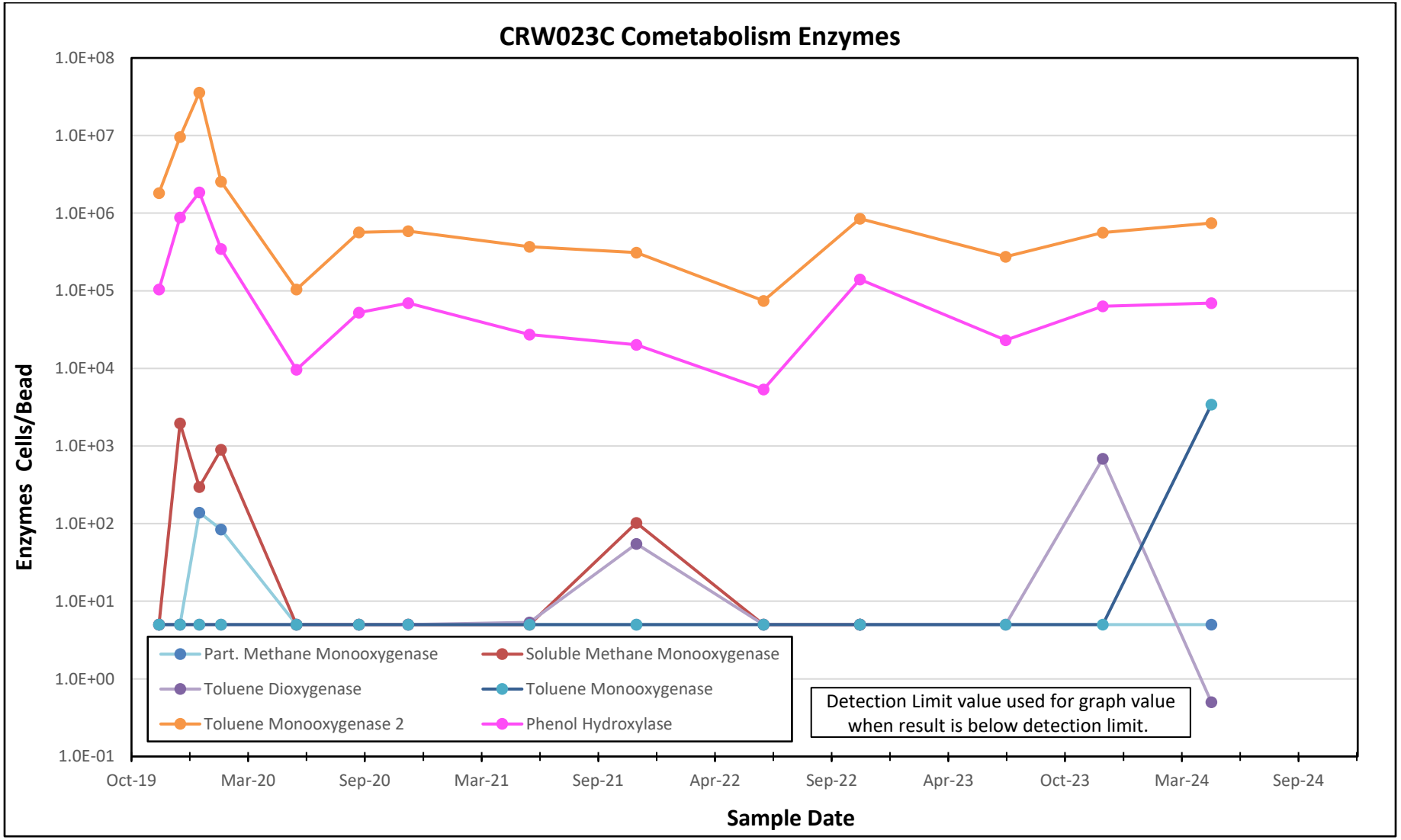

Figure 40. CRW023C (Co)Metabolism Enzymes

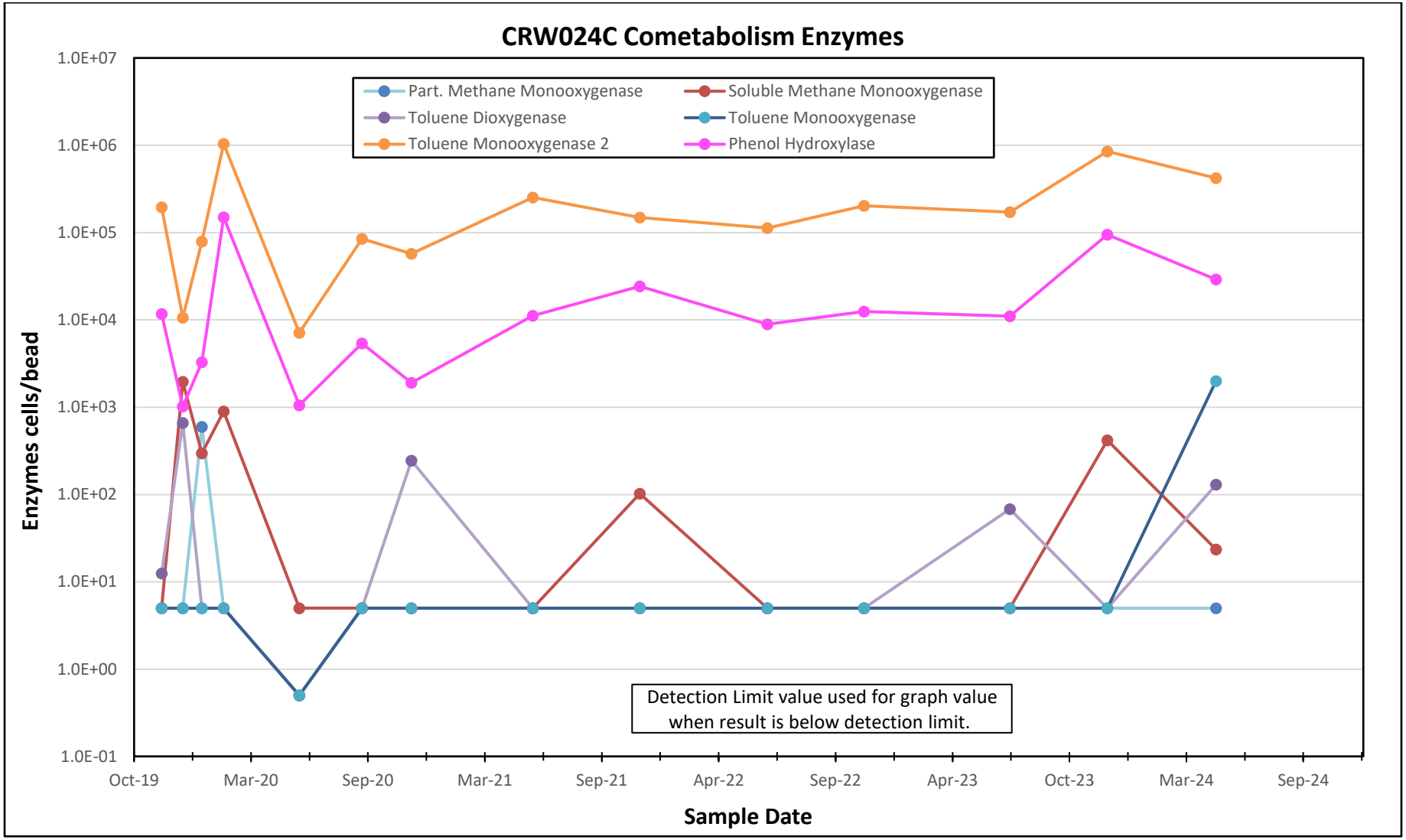

Figure 41. CRW024C (Co)Metabolism Enzymes

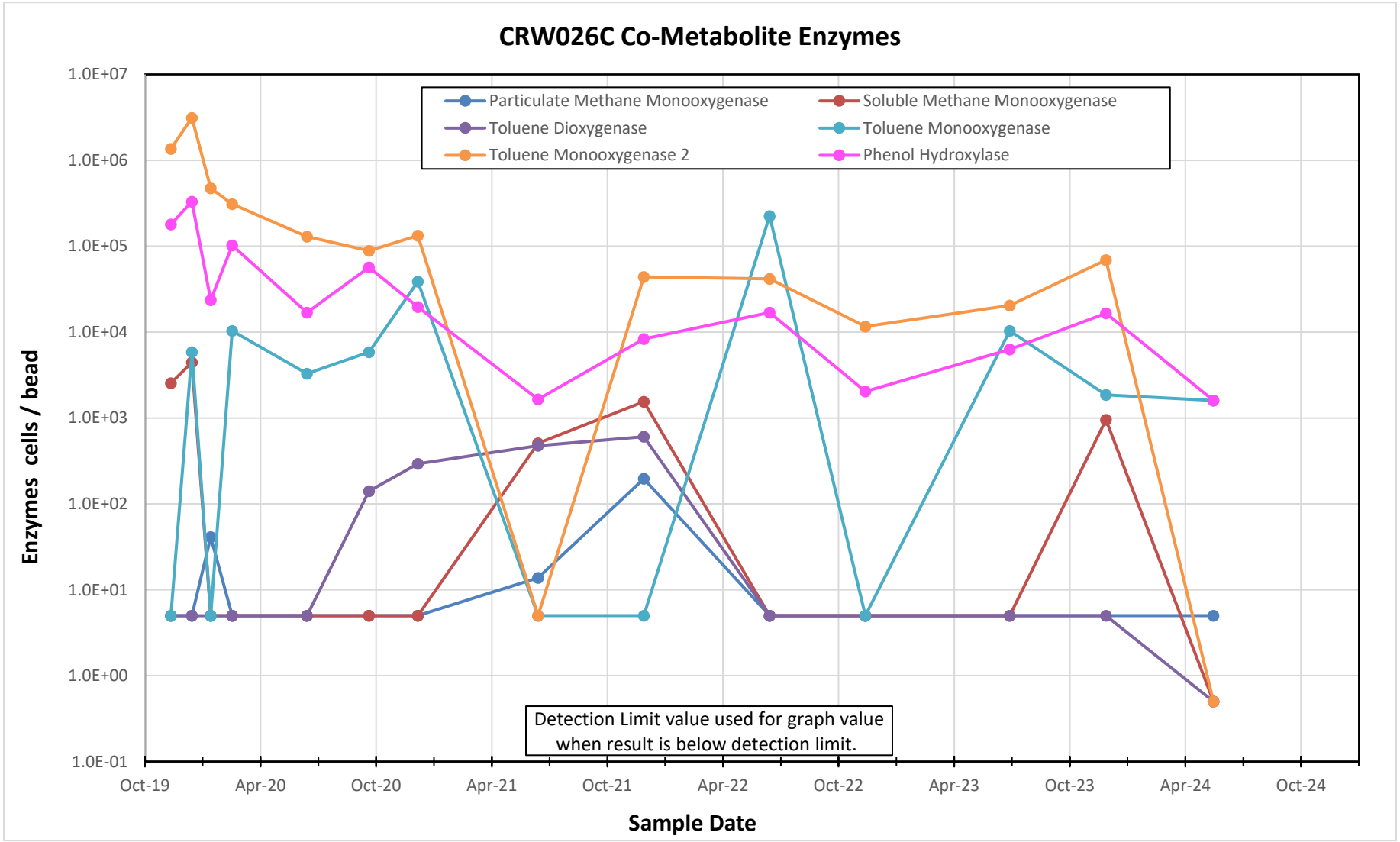

Figure 42. CRW026C (Co)Metabolism Enzymes

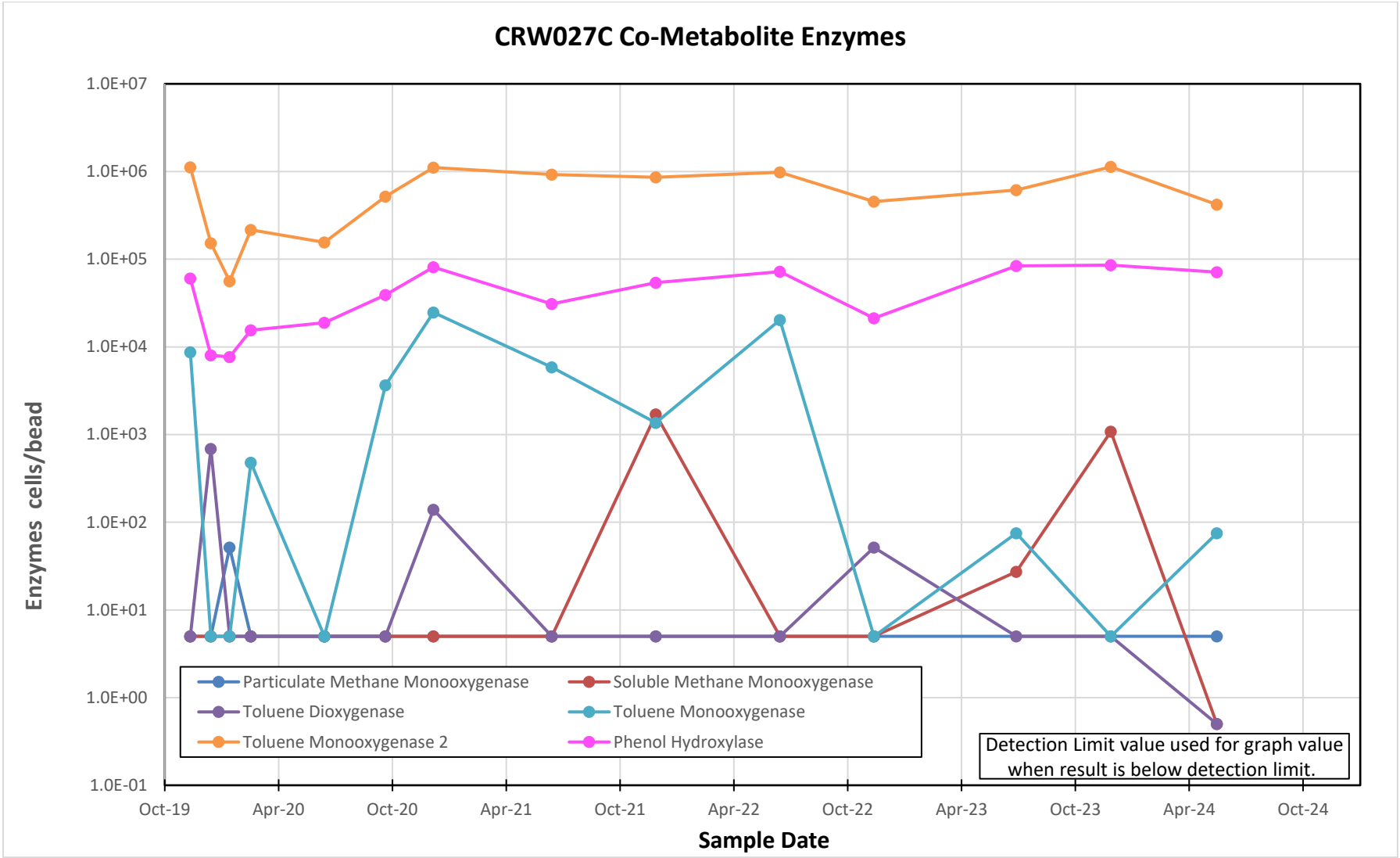

Figure 43. CRW027C (Co)Metabolism Enzymes

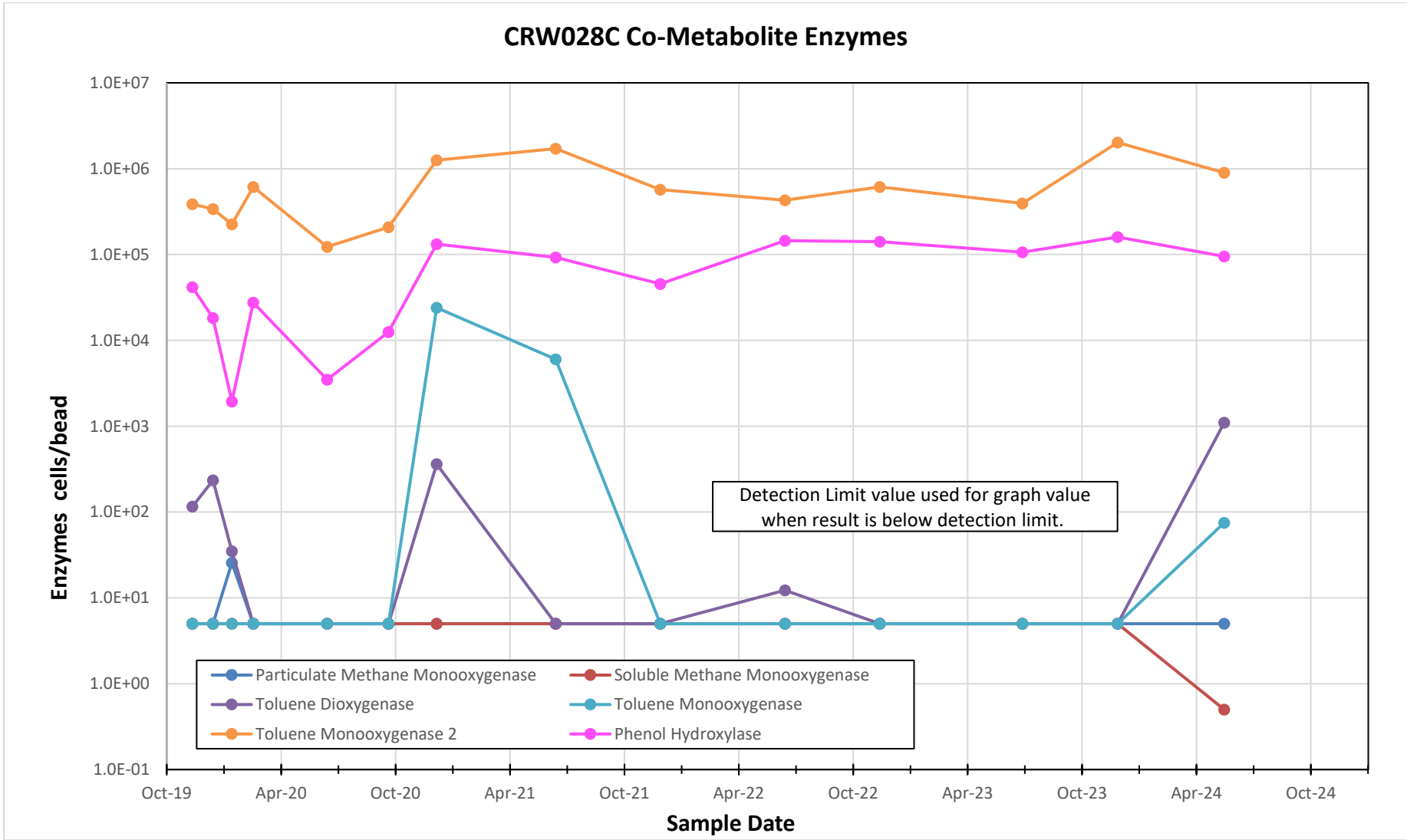

Figure 44. CRW028C (Co)Metabolism Enzymes

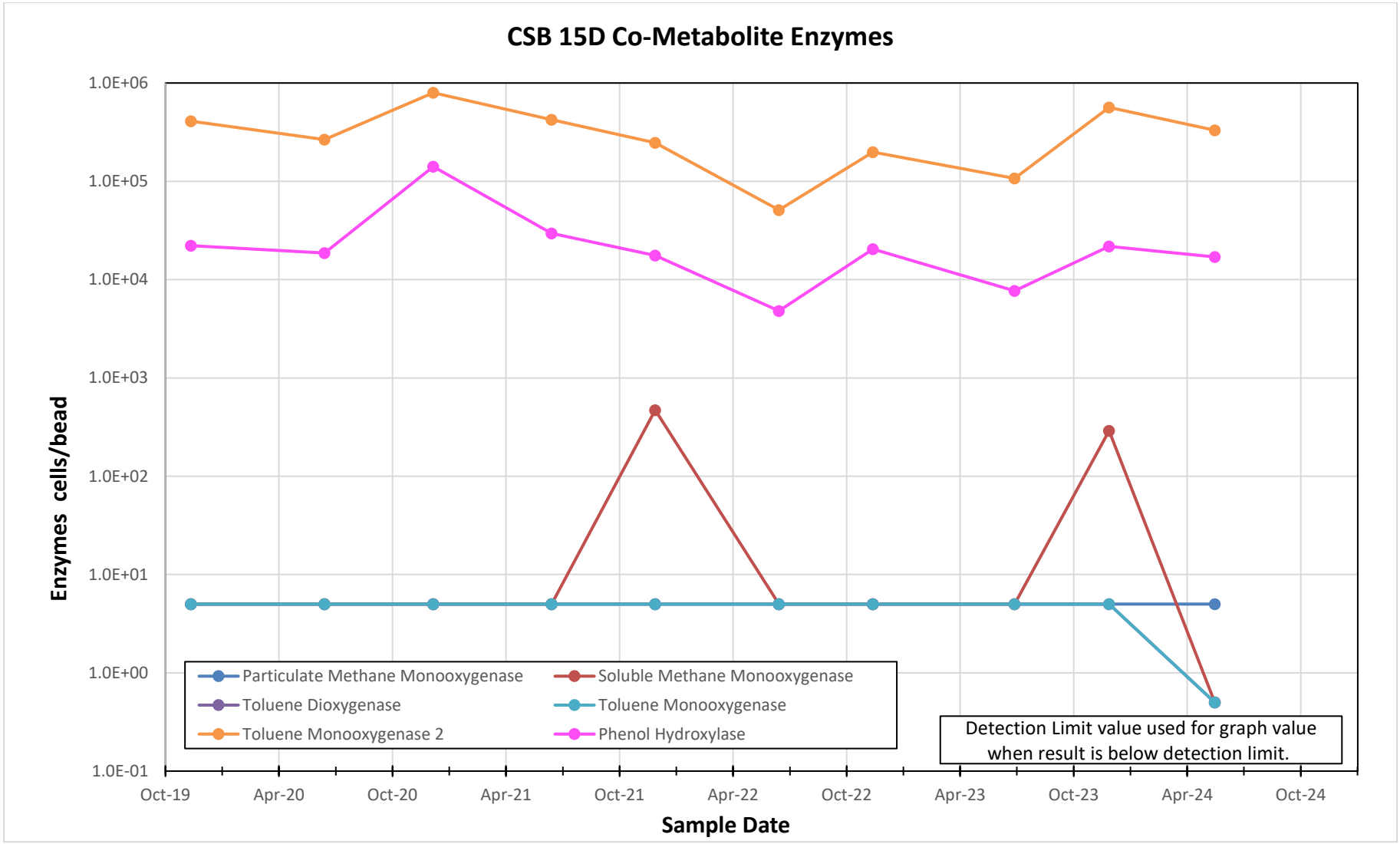

Figure 45. CSB 15D (Co)Metabolism Enzymes

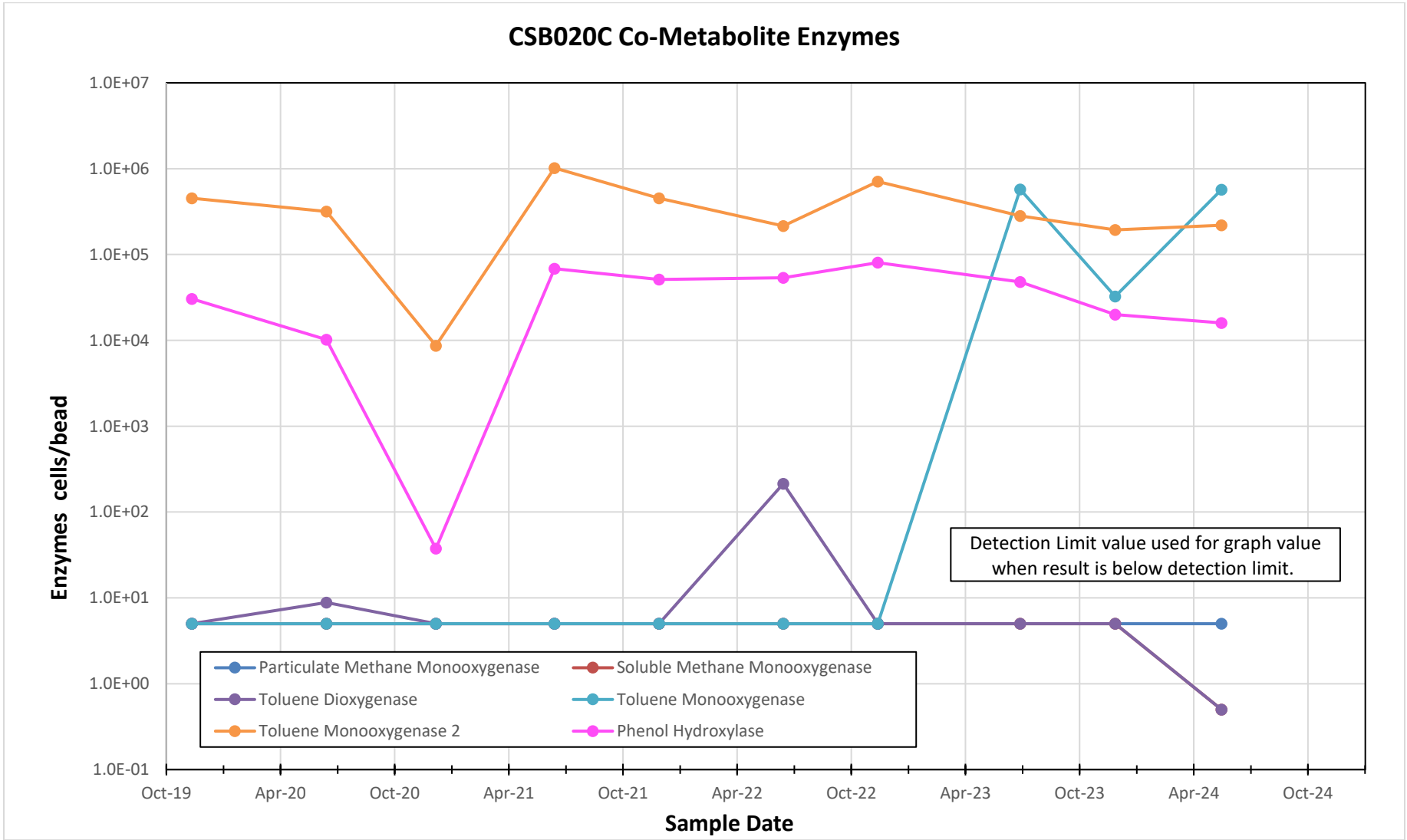

Figure 46. CSB020C (Co)Metabolism Enzymes

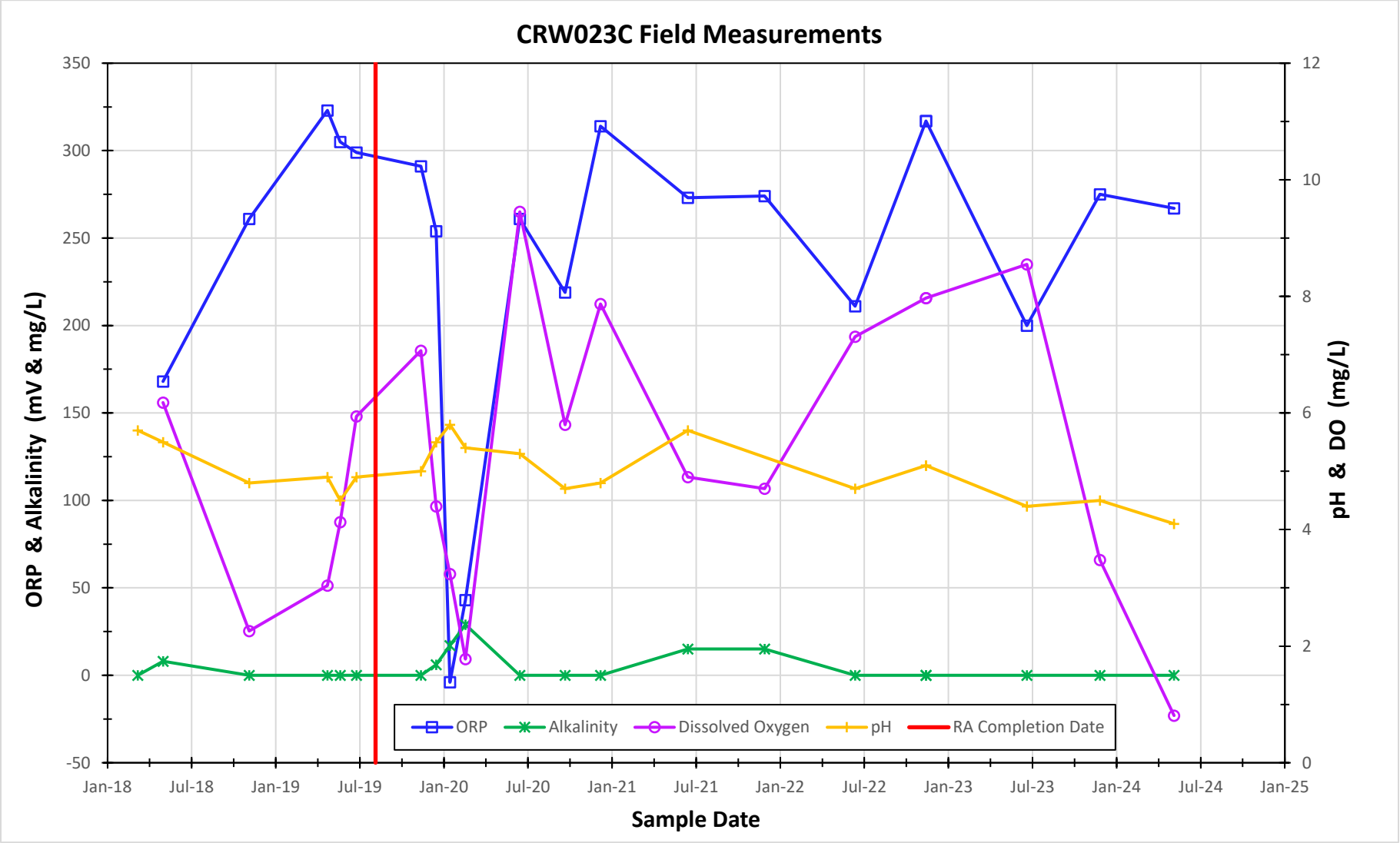

Figure 47. CRW023C Field Measurement Trends

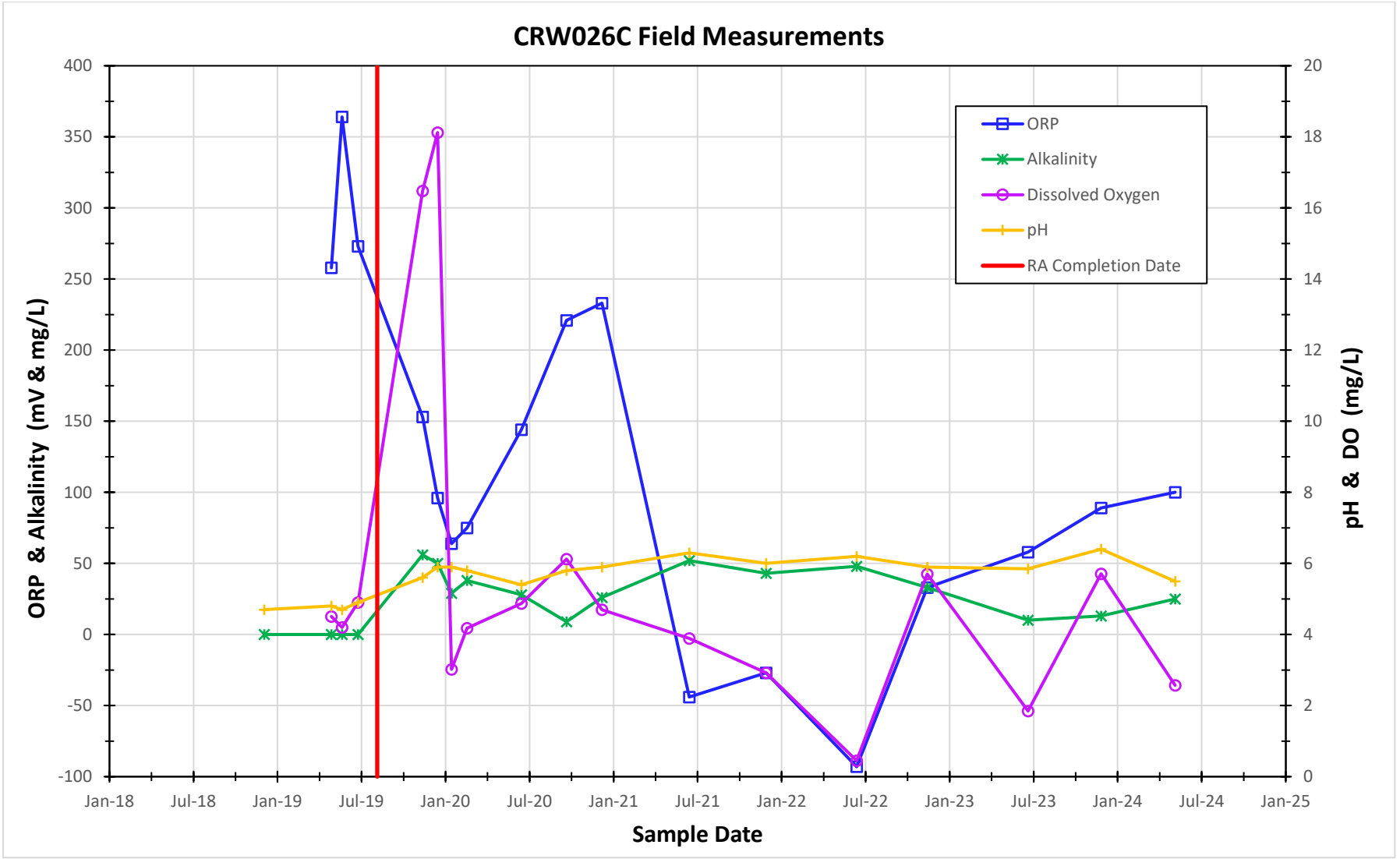

Figure 48. CRW026C Field Measurement Trends

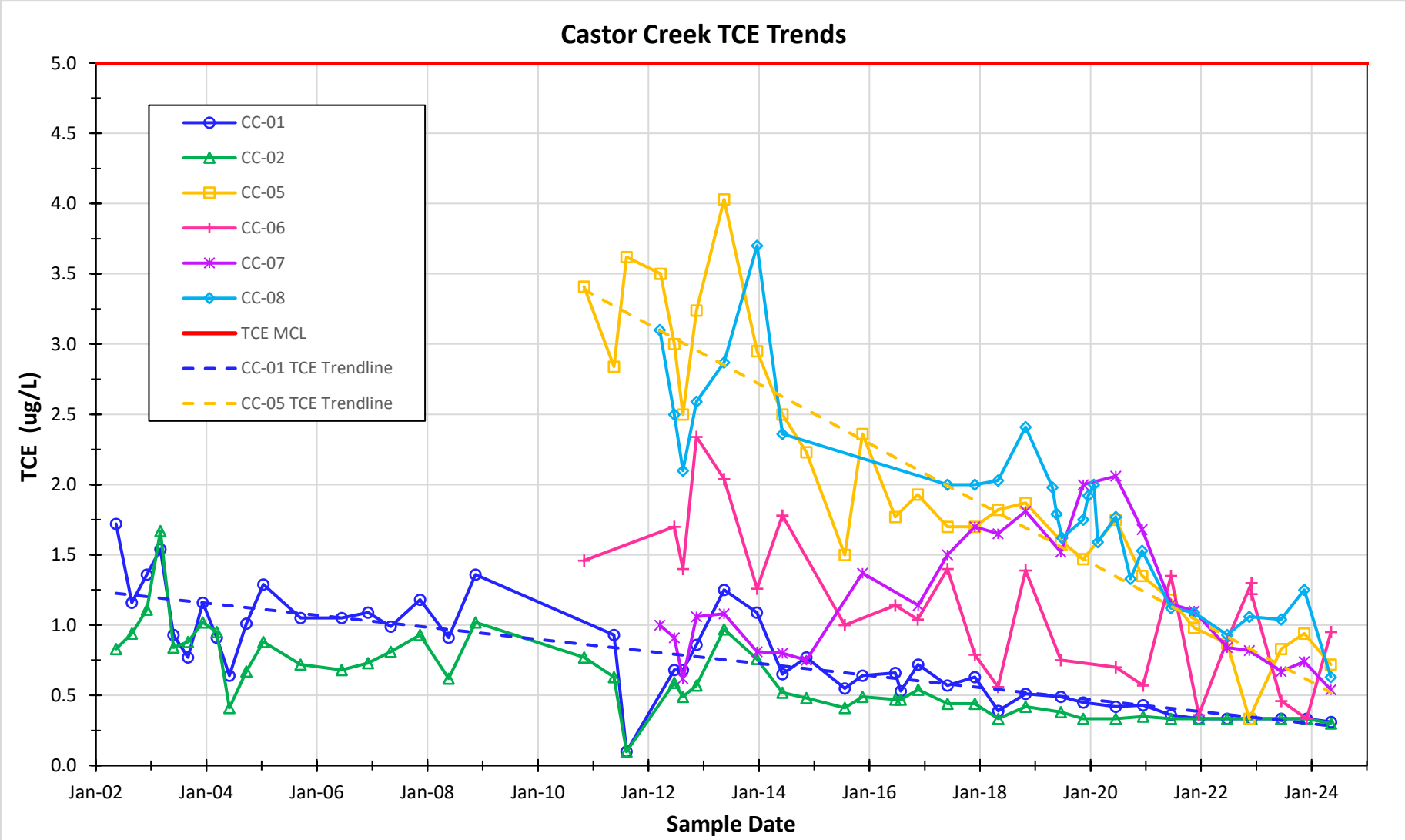

Figure 49. Castor Creek TCE Trends

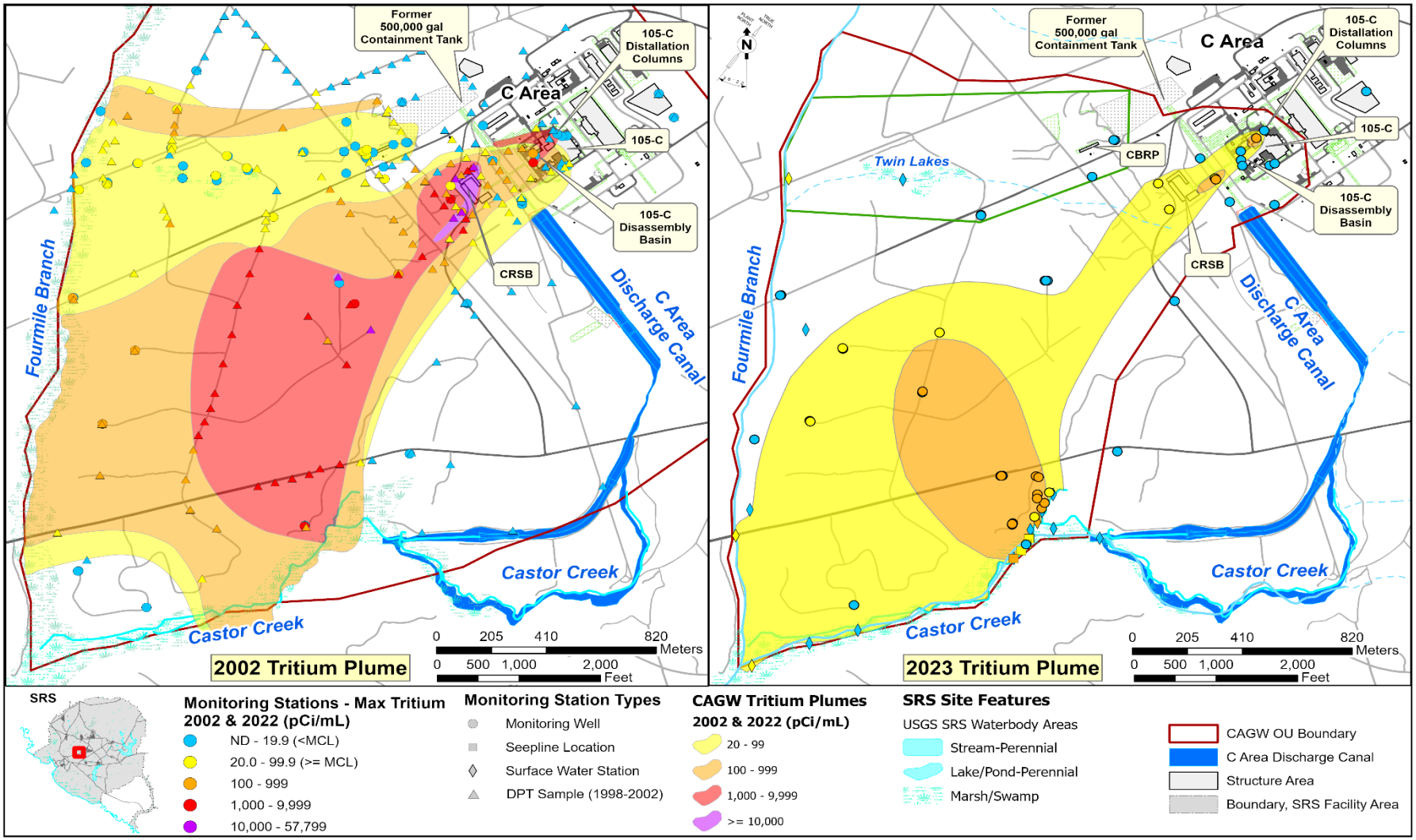

Figure 50. CAGW OU Tritium Plume 2002 and 2023

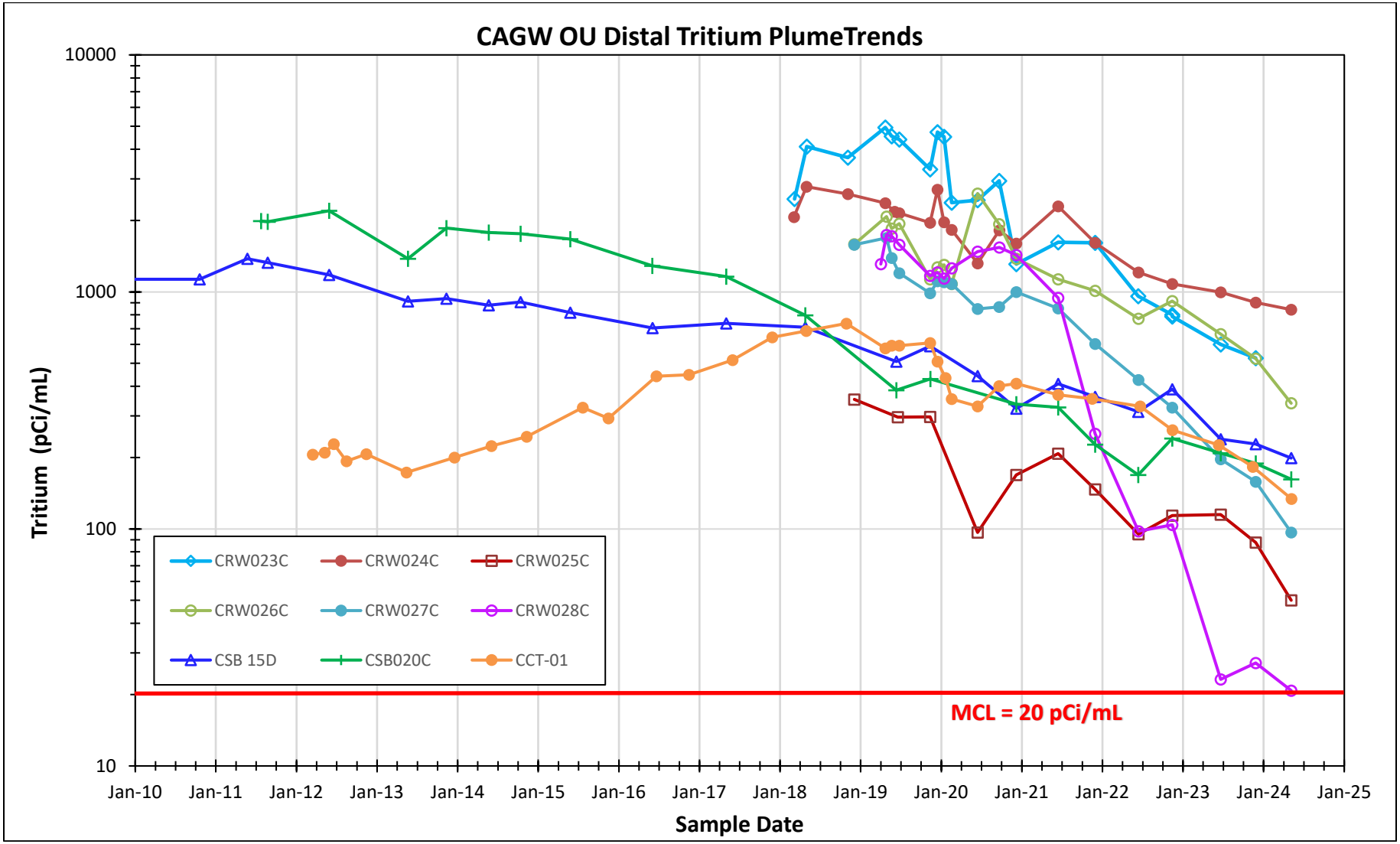

Figure 51. CAGW OU Distal Plume Tritium Trends

Table 1. Sampling and Reporting Schedule

Fiscal Year	Quarter	RA Stations	RA Peripheral Stations	CAGW OU Stations	Report
FY2020	Oct-Dec	M			
	Jan-Mar	X			
	Apr-Jun	X	X	X	
	July-Sep	X			X
FY2021	Oct-Dec	X	X	X	
	Jan-Mar				
	Apr-Jun	X	X	X	
	July-Sep				X
FY2022	Oct-Dec	X	X	X	
	Jan-Mar				
	Apr-Jun	X	X	X	
	July-Sep				X
FY2023	Oct-Dec	X	X	X	
	Jan-Mar				
	Apr-Jun	X	X	X	
	July-Sep				X
FY2024	Oct-Dec	X	X	X	
	Jan-Mar				
	Apr-Jun	X	X	X	
	July-Sep				X

Table 1 Notes:
M = Monthly
X = 1 sample event that quarter.

Table 2. MCLs for Groundwater Constituents

VOCs and Tritium	MCL	Units
1,2-dicholroethylene*	70	µg/L
cis-1,2-dichloroethylene	70	µg/L
Tetrachloroethylene	5	µg/L
trans-1,2-dichloroethylene	100	µg/L
Trichloroethylene	5	µg/L
Tritium	20	pCi/mL
Vinyl Chloride	2	µg/L

Table 2 Notes:
* = All stations had results less than the MDL

Table 3. CAGW OU and CAGW OU NTC RA Maximum Concentrations

Station ID	Well Type	Constituent	Maximum July 2022 – June 2023	Monitoring Program
TL 01	Surface Water	1,2-dicholroethylene	0.67 µg/L	CAGW OU
TL 01	Surface Water	cis-1,2-dichloroethylene	0.40 µg/L	CAGW OU
CRP 5C	Monitoring Well	Tetrachloroethylene	6.39 µg/L	CAGW OU
TL 01*	Surface Water	trans-1,2-dichloroethylene	MDL 0.333 µg/L	CAGW OU
CRW020D	Monitoring Well	Trichloroethylene	86.0 µg/L	CAGW OU
CSB017B	Monitoring Well	Tritium	944 pCi/mL	CAGW OU
TL 01*	Monitoring Well	Vinyl Chloride	MDL 0.333 µg/L	CAGW OU
CRW026C	Monitoring Well	1,2-dicholroethylene	6.86 µg/L	CAGW OU NTC RA
CRW026C	Monitoring Well	cis-1,2-dicholroethylene	6.86 µg/L	CAGW OU NTC RA
CRW024C	Monitoring Well	Tetrachloroethylene	0.46 µg/L	CAGW OU NTC RA
CRW026C*	Monitoring Well	trans-1,2-dichloroethylene	MDL 0.333 µg/L	CAGW OU NTC RA
CRW023C	Monitoring Well	Trichloroethylene	51.1 µg/L	CAGW OU NTC RA
CRW024C	Monitoring Well	Tritium	842 pCi/mL	CAGW OU NTC RA
CRW026C*	Monitoring Well	Vinyl Chloride	MDL 0.333 µg/L	CAGW OU NTC RA

Table 3 Notes:
* = All stations had results less than the MDL. Wells selected based on highest cis-1,2-dichloroethylene results.
MDL = Method Detection Limit (value).

Table 4. CAGW OU NTC RA and CAGW OU Monitoring Stations

Station ID	Screen Zone	Station Type	Monitoring Network	Plume Area
CRW023C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Distal Plume
CRW024C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Distal Plume
CRW025C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Distal Plume
CRW026C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Distal Plume
CRW027C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Distal Plume
CRW028C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Distal Plume
CRW029C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Distal Plume
CRW030C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Distal Plume
CSB 15D	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Background NTC RA
CSB020C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Background NTC RA
CCSL-08	UTRA-Middle Aquifer Zone	Seepline	CAGW OU NTC RA	Distal Plume
CCSL-11	UTRA-Middle Aquifer Zone	Seepline	CAGW OU NTC RA	Distal Plume
CCSL-14	UTRA-Middle Aquifer Zone	Seepline	CAGW OU NTC RA	Distal Plume
CCSL-23R	UTRA-Middle Aquifer Zone	Seepline	CAGW OU NTC RA	Distal Plume
CC 05	NA	Surface Water	CAGW OU NTC RA	Castor Creek
CC 07	NA	Surface Water	CAGW OU NTC RA	Castor Creek
CC 08	NA	Surface Water	CAGW OU NTC RA	Castor Creek
CCT 01	NA	Surface Water	CAGW OU NTC RA	Castor Creek Tributary
CCT 02	NA	Surface Water	CAGW OU NTC RA	Castor Creek Tributary
CCT 03	NA	Surface Water	CAGW OU NTC RA	Castor Creek Tributary

Table 4. CAGW OU NTC RA and CAGW OU Monitoring Stations (*continued*)

Station ID	Screen Zone	Station Type	Monitoring Network	Plume Area
CDB 1	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Source Area
CDB 2	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Source Area
CDB003D	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Source Area
CRP 5C	UTRA-Lower Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CRP 5D	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CRP 6DR	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CRW 1A*	Gordon Aquifer Unit	ML Monitoring Well	CAGW OU	Background
CRW 1D*	UTRA-Upper Aquifer Zone	ML Monitoring Well	CAGW OU	Background
CRW 4A	Gordon Aquifer Unit	ML Monitoring Well	CAGW OU	Mid Plume
CRW 4C	UTRA-Middle Aquifer Zone	ML Monitoring Well	CAGW OU	Mid Plume
CRW 4D	UTRA-Upper Aquifer Zone	ML Monitoring Well	CAGW OU	Mid Plume
CRW 5A	Gordon Aquifer Unit	ML Monitoring Well	CAGW OU	Mid Plume
CRW 5D	UTRA-Upper Aquifer Zone	ML Monitoring Well	CAGW OU	Mid Plume
CRW 7A	Gordon Aquifer Unit	ML Monitoring Well	CAGW OU	Mid Plume
CRW 7D	UTRA-Upper Aquifer Zone	ML Monitoring Well	CAGW OU	Mid Plume
CRW 9A	Gordon Aquifer Unit	Monitoring Well	CAGW OU	Mid Plume
CRW 10A	Gordon Aquifer Unit	ML Monitoring Well	CAGW OU	Mid Plume
CRW 10C	UTRA-Lower Aquifer Zone	ML Monitoring Well	CAGW OU	Mid Plume
CRW 11A	Gordon Aquifer Unit	ML Monitoring Well	CAGW OU	Mid Plume
CRW 11D	UTRA-Middle Aquifer Zone	ML Monitoring Well	CAGW OU	Mid Plume
CRW 13A	Gordon Aquifer Unit	Monitoring Well	CAGW OU	Distal Plume
CRW 14A	Gordon Aquifer Unit	Monitoring Well	CAGW OU	Distal Plume
CRW 15A	Gordon Aquifer Unit	ML Monitoring Well	CAGW OU	Mid Plume
CRW 15C	UTRA-Lower Aquifer Zone	ML Monitoring Well	CAGW OU	Mid Plume
CRW 15D	UTRA-Middle Aquifer Zone	ML Monitoring Well	CAGW OU	Mid Plume
CRW 16D	UTRA-Lower Aquifer Zone	ML Monitoring Well	CAGW OU	Distal Plume
CRW010CU	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CRW015B	UTRA-Lower Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CRW020D*	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Source Area
CRW021DR*	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Source Area
CRW022D	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB 3C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB 9D	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB 11D	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB 12D	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU	Distal Plume
CSB 13D	UTRA-Lower Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB011B	UTRA-Lower Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume

Table 4. CAGW OU NTC RA and CAGW OU Monitoring Stations (*continued/end*)

Station ID	Screen Zone	Station Type	Monitoring Network	Plume Area
CSB011C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB013B	UTRA-Lower Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB015B	UTRA-Lower Aquifer Zone	Monitoring Well	CAGW OU	Distal Plume
CSB017B	UTRA-Lower Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB017D	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB019B	UTRA-Lower Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB019C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CSB020B	UTRA-Lower Aquifer Zone	Monitoring Well	CAGW OU	Distal Plume
CSB020D	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Distal Plume
CSB021D	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Mid Plume
CTA003D	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Source Area
CTA004D	UTRA-Upper Aquifer Zone	Monitoring Well	CAGW OU	Source Area
CC 01*	NA	Surface Water	CAGW OU	Castor Creek
CC 02*	NA	Surface Water	CAGW OU	Castor Creek
CC 03*	NA	Surface Water	CAGW OU	Castor Creek
CC 04*	NA	Surface Water	CAGW OU	Castor Creek
CC 06*	NA	Surface Water	CAGW OU	Castor Creek
FMT 01*	NA	Surface Water/Seepline	CAGW OU	Fourmile Branch
FMT 02	NA	Surface Water/Seepline	CAGW OU	Fourmile Branch
FM-TL*	NA	Surface Water	CAGW OU	Fourmile Branch
TL 01*	NA	Surface Water	CAGW OU	Twin Lakes
TL 03*	NA	Surface Water	CAGW OU	Twin Lakes
CSL001	UTRA-Lower Aquifer Zone	Seepline Station	CAGW OU	Distal Plume
CSL002	UTRA-Middle Aquifer Zone	Seepline Station	CAGW OU	Distal Plume
CCSL-21R	UTRA-Middle Aquifer Zone	Seepline Station	CAGW OU	Distal Plume
CCSL-22R	UTRA-Middle Aquifer Zone	Seepline Station	CAGW OU	Distal Plume

Table 4 Notes
NA = Not Applicable
* = Semi-Annual Sampling.

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-08	11/15/2023	Sulfate Reducing Bacteria	Other	1.06E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Sulfate Reducing Bacteria	Other	7.47E+02	=	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Sulfate Reducing Bacteria	Other	7.50E+03	=	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Sulfate Reducing Bacteria	Other	7.20E+03	=	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Sulfate Reducing Bacteria	Other	4.78E+03	=	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Sulfate Reducing Bacteria	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-08	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-11	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-11	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-14	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW026C	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	5/6/2024	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-14	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	cerA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-23R	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Chloroform Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW023C	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	1,1 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW023C	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	1,2 DCA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW024C	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.60E+03	=	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Dehalobacter DCM	Reductive Dechlorination	8.88E+02	=	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Dehalobacter DCM	Reductive Dechlorination	4.90E+03	=	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW025C	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	1.53E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW026C	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Dehalobium chlorocoercia	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.40E+02	=	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	5.60E+03	=	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW027C	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	7.80E+01	=	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Dehalobacter spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-08	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-11	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.34E+02	=	cells/bead	5.00E+00	2.50E+01
CCSL-14	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW026C	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW028C	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	5/6/2024	Dehalococcoides	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW029C	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Dehalogenimonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	1.32E+03	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	3.76E+02	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	5.70E+01	=	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW030C	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Desulfitobacterium spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	6.90E+01	=	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	6.88E+01	J	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	9.50E+02	=	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	4.93E+02	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	9.50E+02	=	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	6.88E+01	J	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	2.60E+02	=	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	1.85E+01	J	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	3.57E+01	J	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	1.90E+01	=	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	9.50E+02	=	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	1.80E+03	=	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	1.85E+01	J	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	1.30E+02	=	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	1.85E+01	J	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	6.90E+01	=	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	1.85E+01	J	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	3.57E+01	J	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	9.50E+02	=	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	6.20E+02	=	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CSB 15D	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	1.33E+02	J	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	1.80E+03	=	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Desulfuromonas spp.	Reductive Dechlorination	4.93E+02	=	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Desulfuromonas spp.	Reductive Dechlorination	4.90E+02	=	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Total Eubacteria	Other	6.12E+07	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Total Eubacteria	Other	5.89E+07	=	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Total Eubacteria	Other	9.14E+07	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Total Eubacteria	Other	4.76E+07	=	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Total Eubacteria	Other	7.59E+07	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Total Eubacteria	Other	6.75E+07	=	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Total Eubacteria	Other	4.03E+07	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Total Eubacteria	Other	3.17E+07	=	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Total Eubacteria	Other	1.84E+07	=	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Total Eubacteria	Other	2.20E+07	=	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Total Eubacteria	Other	2.34E+07	=	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Total Eubacteria	Other	2.50E+07	=	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Total Eubacteria	Other	2.10E+07	=	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Total Eubacteria	Other	1.71E+07	=	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Total Eubacteria	Other	1.27E+07	=	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Total Eubacteria	Other	1.85E+07	=	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Total Eubacteria	Other	1.68E+07	=	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Total Eubacteria	Other	1.22E+07	=	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Total Eubacteria	Other	6.48E+07	=	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Total Eubacteria	Other	3.29E+07	=	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Total Eubacteria	Other	5.00E+07	=	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Total Eubacteria	Other	3.22E+07	=	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Total Eubacteria	Other	2.24E+07	=	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Total Eubacteria	Other	3.34E+07	=	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Total Eubacteria	Other	1.84E+07	=	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Total Eubacteria	Other	2.81E+07	=	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Total Eubacteria	Other	2.77E+07	=	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Total Eubacteria	Other	1.52E+07	=	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CSB020C	11/15/2023	Total Eubacteria	Other	1.40E+07	=	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Total Eubacteria	Other	2.10E+07	=	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.32E+02	J	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Ethene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-08	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Epoxyalkane Transferase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Methanogens	Other	2.60E+01	=	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-11	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Methanogens	Other	5.50E+01	=	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Methanogens	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Methanogens	Other	2.60E+01	=	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Methanogens	Other	6.00E+00	J	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Methanogens	Other	2.50E+01	=	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Methanogens	Other	5.20E+00	J	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Methanogens	Other	7.70E+00	J	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Methanogens	Other	2.47E+01	J	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Methanogens	Other	4.90E+02	=	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Methanogens	Other	1.80E+00	=	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Methanogens	Other	8.50E+00	J	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Methanogens	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Methanogens	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Methanogens	Other	4.70E+00	=	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Methanogens	Other	8.40E+01	=	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Methanogens	Other	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Methanogens	Other	7.20E+00	J	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-14	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-23R	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	PCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	4.82E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	5.20E+04	=	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.11E+06	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.10E+06	=	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	3.99E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	4.60E+04	=	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.36E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.10E+05	=	cells/bead	5.00E-01	1.30E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW023C	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	5.99E+04	=	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	6.65E+04	=	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	6.80E+04	=	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	7.10E+04	=	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	9.49E+04	=	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.90E+04	=	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.67E+04	=	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.20E+04	=	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.65E+04	=	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.60E+03	=	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	8.56E+04	=	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	7.10E+04	=	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.60E+05	=	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	9.50E+04	=	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.18E+04	=	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.70E+04	=	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.00E+04	=	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.60E+04	=	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	3.49E+04	=	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.90E+04	=	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	3.76E+04	=	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Phenol Hydroxylase	Aerobic (Co)Metabolic	5.00E+04	=	cells/bead	5.00E-01	1.30E+01
CCSL-08	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW028C	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Particulate Methane Monooxygenase	CENSUS Targets	1.30E+01	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	6.34E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	3.90E+05	=	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.47E+06	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	5.80E+05	=	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	7.40E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.00E+06	=	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.61E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	3.20E+05	=	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	5.42E+05	=	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	5.86E+05	=	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	7.30E+05	=	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	7.60E+05	=	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	8.49E+05	=	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	4.20E+05	=	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.24E+05	=	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	2.20E+05	=	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	6.90E+04	=	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.13E+06	=	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	4.20E+05	=	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	2.02E+06	=	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	9.00E+05	=	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	5.66E+05	=	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	3.30E+05	=	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.93E+05	=	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	2.20E+05	=	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	3.53E+05	=	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CSB 15D	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	3.30E+05	=	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	3.89E+05	=	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	4.80E+05	=	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.22E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.20E+05	=	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.86E+03	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.00E+04	=	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.32E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	8.00E+04	=	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.81E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	3.20E+05	=	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.50E+02	=	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	6.70E+03	=	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.00E+03	=	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.86E+03	=	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.60E+03	=	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	7.50E+01	=	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	7.50E+01	=	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	3.25E+04	=	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	5.70E+05	=	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	3.30E+01	=	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CSB020C	5/6/2024	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	8.45E+02	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	7.99E+02	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	3.06E+02	=	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	5.29E+02	=	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.80E+01	=	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.90E+01	=	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.02E+03	=	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	5.90E+01	=	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	9.50E+02	=	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.08E+03	=	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.90E+02	=	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.28E+03	=	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-08	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-08	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-11	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-14	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW026C	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	5/6/2024	tceA Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-14	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	trans-1,2-DCE Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	6.50E+02	=	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.15E+03	=	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-23R	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.37E+03	=	cells/bead	5.00E+00	2.50E+02
CRW023C	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+02	=	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.10E+03	=	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.70E+02	=	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	5/6/2024	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.00E+03	=	cells/bead	5.00E-01	1.30E+01
CCSL-08	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-08	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-11	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-11	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-14	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-14	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CCSL-23R	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01

Table 5. BioTrap QuantArray® Data (4Q23 & 2Q24)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW023C	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW023C	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW024C	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW025C	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW026C	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW026C	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW027C	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW028C	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW029C	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CRW030C	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB 15D	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01
CSB020C	11/15/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	5/6/2024	Vinyl Chloride Reductase	Reductive Dechlorination	1.30E+01	<	cells/bead	5.00E-01	1.30E+01

APPENDIX A

CAGW OU NTC RA Analytical Data 2023-2024

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														CAGW RA Analytical Data													
														N/A													
Appendix A: CAGW OU NTC RA Data			Field Data											Hydrocarbons		Inorganics			Organics		Radionuclides	VOC					
			SAMPLE COLLECTION DATE	DEPTH TO WATER	OXIDATION/REDUCTION POTENTIAL	OXYGEN	PH	SPECIFIC CONDUCTANCE	TOTAL ALKALINITY (AS CACO3)	TURBIDITY	WATER TEMPERATURE	SAMPLING EVENT WATER ELEVATION	FIELD CONDITIONS	ETHYLENE	METHANE	CHLORIDE	NITRATE	SULFATE	TOTAL CARBON	TOTAL ORGANIC CARBON	TRITIUM	1,2-DICHLOROETHYLENE	CHLOROETHENE (VINYL CHLORIDE)	CIS-1,2-DICHLOROETHYLENE	TETRACHLOROETHYLENE (PCE)	TRANS-1,2-DICHLOROETHYLENE	TRICHLOROETHYLENE (TCE)
			D-M-Yr	ft	mV	mg/L	pH	uS/cm	mg/L	NTU	degC	ft		ug/L	ug/L	ug/L	ug/L	mg/L	N/A	ug/L	pCi/mL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Station	**Well Use**	**Aquifer**															10000				20		2	70	5	100	5
CRW023C	Monitoring Well	MAZ_UTRAU	15-Nov-2023	26.24	NS	NS	NS	NS	NS	NS	NS	174.12	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	275	3.48	4.5	29	0	11.9	18.7	NS	No Comments	<EQL (5)	<EQL (10)	1860	1300	1.25	NS	<EQL (1)	526	<EQL (2)	<EQL (1)	[0.44]	<EQL (1)	<EQL (1)	21.6
			06-May-2024	26.44	267	0.81	4.1	29.3	0	1.8	19.2	173.92	No Comments	<EQL (5)	<EQL (10)	1930	1360	3.38	NS	<EQL (1)	394	[1.22]	<EQL (1)	1.22	<EQL (1)	<EQL (1)	51.1
CRW024C	Monitoring Well	MAZ_UTRAU	15-Nov-2023	40.04	NS	NS	NS	NS	NS	NS	NS	177.37	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	268	4.89	4.6	28	0	2.2	18	NS	No Comments	[0.92]	<EQL (10)	390	238	<EQL (0.4)	NS	<EQL (1)	901	<EQL (2)	<EQL (1)	<EQL (1)	[0.38]	<EQL (1)	7.35
			06-May-2024	39.41	252	0.66	4.3	49.1	0	3.4	19.8	178	No Comments	<EQL (5)	<EQL (10)	2000	1390	0.669	NS	<EQL (1)	842	<EQL (2)	<EQL (1)	[0.36]	[0.46]	<EQL (1)	15.4
CRW025C	Monitoring Well	MAZ_UTRAU	15-Nov-2023	12.93	NS	NS	NS	NS	NS	NS	NS	167.51	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	294	4.64	4.5	21	0	9.9	18.2	NS	No Comments	<EQL (5)	<EQL (10)	1950	632	1.1	NS	<EQL (1)	87.7	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	3.04
			06-May-2024	12.61	284	0.78	4.1	20.1	0	2.4	19.6	167.83	No Comments	<EQL (5)	<EQL (10)	1990	449	0.553	NS	<EQL (1)	50	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	2.06
CRW026C	Monitoring Well	MAZ_UTRAU	15-Nov-2023	8.22	NS	NS	NS	NS	NS	NS	NS	168.73	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	89	5.71	6.4	73	13	1.8	16.6	NS	No Comments	<EQL (5)	616	2060	625	[0.312]	NS	<EQL (1)	523	2.53	<EQL (1)	2.53	<EQL (1)	<EQL (1)	35.4
			06-May-2024	9.01	100	2.57	5.5	54	25	7.3	18.3	167.94	No Comments	<EQL (5)	1100	1850	432	[0.291]	NS	[0.986]	339	6.86	<EQL (1)	6.86	<EQL (1)	<EQL (1)	43.2
CRW027C	Monitoring Well	MAZ_UTRAU	15-Nov-2023	6.27	NS	NS	NS	NS	NS	NS	NS	171.14	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	158	6.11	4.9	29	0	2.8	16.4	NS	No Comments	<EQL (5)	<EQL (10)	1910	1260	1.02	NS	<EQL (1)	158	[1.03]	<EQL (1)	1.03	<EQL (1)	<EQL (1)	40.1
			06-May-2024	6.02	374	4.76	4.7	27	0	1.8	17.7	171.39	No Comments	<EQL (5)	[4.3]	1780	1180	0.573	NS	<EQL (1)	96.7	[0.74]	<EQL (1)	[0.74]	<EQL (1)	<EQL (1)	29.2
CRW028C	Monitoring Well	MAZ_UTRAU	15-Nov-2023	5.68	NS	NS	NS	NS	NS	NS	NS	174.76	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	143	5.82	6.2	26	9	8.3	17.1	NS	No Comments	<EQL (5)	<EQL (10)	1880	1000	0.575	NS	<EQL (1)	27.2	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	26.1
			06-May-2024	6.29	371	4.16	4.8	26	0	4.1	18.7	174.15	No Comments	<EQL (5)	[3.9]	1970	1010	0.772	NS	<EQL (1)	20.8	<EQL (2)	<EQL (1)	[0.41]	<EQL (1)	<EQL (1)	39.9
CRW029C	Monitoring Well	MAZ_UTRAU	15-Nov-2023	38.2	NS	NS	NS	NS	NS	NS	NS	177.47	No Comments	NS	NS	1860	1260	[0.336]	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	245	4.5	5.6	31	6	4.9	18.6	NS	No Comments	<EQL (5)	<EQL (10)	1900	1260	[0.357]	NS	<EQL (1)	741	<EQL (2)	<EQL (1)	[0.34]	<EQL (1)	<EQL (1)	15.1
			06-May-2024	38.76	318	3.89	5.2	32	2	0.9	18.8	176.91	No Comments	<EQL (5)	<EQL (10)	2090	1300	0.442	NS	<EQL (1)	480	[1.04]	<EQL (1)	1.04	<EQL (1)	<EQL (1)	42.9
CRW030C	Monitoring Well	MAZ_UTRAU	15-Nov-2023	25.9	NS	NS	NS	NS	NS	NS	NS	173.46	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	280	4.4	5	23	0	1.6	18.7	NS	No Comments	<EQL (5)	<EQL (10)	1740	1100	0.934	NS	<EQL (1)	282	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	5.99
			06-May-2024	25.6	225	5.7	4.4	27	0	3.4	19.5	173.76	No Comments	<EQL (5)	[4.9]	1770	1120	1.02	NS	<EQL (1)	216	<EQL (2)	<EQL (1)	[0.5]	<EQL (1)	<EQL (1)	21.2
CSB 15D	Monitoring Well	MAZ_UTRAU	15-Nov-2023	29.4	NS	NS	NS	NS	NS	NS	NS	170.33	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	242	4.3	5.7	24	12	3.1	18.4	NS	No Comments	<EQL (5)	<EQL (10)	2290	868	[0.295]	NS	<EQL (1)	228	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	27.8
			06-May-2024	29.37	278	0.97	4.8	25.1	0	1.7	19.3	170.36	No Comments	<EQL (5)	<EQL (10)	2340	892	0.451	NS	<EQL (1)	199	<EQL (2)	<EQL (1)	<EQL (1)	[0.38]	<EQL (1)	30.2

Appendix A: CAGW OU NTC RA Data														CAGW RA Analytical Data													
														N/A													
			Field Data											Hydrocarbons		Inorganics			Organics		Radionuclides	YOC					
			SAMPLE COLLECTION DATE	DEPTH TO WATER	OXIDATION/REDUCTION POTENTIAL	OXYGEN	PH	SPECIFIC CONDUCTANCE	TOTAL ALKALINITY (AS CACO3)	TURBIDITY	WATER TEMPERATURE	SAMPLING EVENT WATER ELEVATION	FIELD CONDITIONS	ETHYLENE	METHANE	CHLORIDE	NITRATE	SULFATE	TOTAL CARBON	TOTAL ORGANIC CARBON	TRITIUM	1,2-DICHLOROETHYLENE	CHLOROETHENE (VINYL CHLORIDE)	CIS-1,2-DICHLOROETHYLENE	TETRACHLOROETHYLENE (PCE)	TRANS-1,2-DICHLOROETHYLENE	TRICHLOROETHYLENE (TCE)
			D-M-Yr	ft	mV	mg/L	pH	uS/cm	mg/L	NTU	degC	ft		ug/L	ug/L	ug/L	ug/L	mg/L	N/A	ug/L	pCi/mL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Station	**Well Use**	**Aquifer**															10000				20		2	70	5	100	5
CSB020C	Monitoring Well	MAZ_UTRAU	15-Nov-2023	39.7	NS	NS	NS	NS	NS	NS	NS	179.25	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	256	4.2	5.3	29	0	8.4	18.4	NS	No Comments	<EQL (5)	<EQL (10)	2540	1440	[0.312]	NS	<EQL (1)	189	<EQL (2)	<EQL (1)	<EQL (1)	[0.41]	<EQL (1)	26.4
			06-May-2024	40.71	301	0.67	4.1	27.5	0	3.1	19	178.24	No Comments	<EQL (5)	<EQL (10)	2480	1330	0.51	NS	<EQL (1)	162	<EQL (2)	<EQL (1)	<EQL (1)	[0.4]	<EQL (1)	28.6
CCSL-08	Seepline	MAZ_UTRAU	15-Nov-2023	0	NS	NS	NS	NS	NS	NS	NS	157.4	No Comments	NS	NS	NS	NS	NS	NS	<EQL (1)	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	303	6.9	4.8	22	0	14.3	16.6	NS	No Comments	<EQL (5)	<EQL (10)	2190	533	0.634	NS	<EQL (1)	63.9	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	5.43
			06-May-2024	0.1	227	5.87	4.8	30	0	7.3	19.7	157.3	No Comments	<EQL (5)	<EQL (10)	2200	450	0.452	NS	[0.345]	42.9	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	4.33
CCSL-11	Seepline	MAZ_UTRAU	15-Nov-2023	1.31	NS	NS	NS	NS	NS	NS	NS	157.29	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	287	6.8	6.1	43	10	168	12.3	NS	No Comments	<EQL (5)	<EQL (10)	2460	738	0.606	NS	<EQL (1)	61.4	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
			06-May-2024	1.15	215	6.15	5.8	200	21	6.3	20.8	157.45	No Comments	<EQL (5)	<EQL (10)	2480	560	0.793	NS	1.07	23.7	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CCSL-14	Seepline	MAZ_UTRAU	15-Nov-2023	0.9	NS	NS	NS	NS	NS	NS	NS	156.9	No Comments	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	280	6.3	5	25	1	220	13.8	NS	No Comments	<EQL (5)	<EQL (10)	2220	591	[0.362]	NS	<EQL (1)	88.4	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	3.83
			06-May-2024	0.93	201	5.3	5.7	27	5	85.1	19.8	156.87	No Comments	<EQL (5)	<EQL (10)	2350	678	[0.385]	NS	<EQL (1)	80.2	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	3.01
CCSL-23R	Seepline	MAZ_UTRAU	15-Nov-2023	3.7	NS	NS	NS	NS	NS	NS	NS	154.61	No Comments	NS	NS	2390	592	3.12	NS	NS	174	NS	NS	NS	NS	NS	NS
			27-Nov-2023	NS	262	6.5	4.6	27	0	68.5	13.9	NS	No Comments	7.5	<EQL (10)	2410	596	2.93	NS	[1.63]	173	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	5.59
			06-May-2024	2.66	230	5.87	4.3	37	0	12.8	19.2	155.65	No Comments	<EQL (5)	<EQL (10)	2350	785	2.13	NS	1.8	132	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	7.25
CC 05	Surface Water		14-Nov-2023	NS	276	5.99	4.3	23	0	1.5	13.6	NS	No Comments	<EQL (5)	[3.9]	2260	556	0.757	NS	<EQL (1)	15.1	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.94]
			07-May-2024	NS	207	0.66	5.6	25.3	7	1.9	18.8	NS	No Comments	<EQL (5)	[7.8]	2290	514	0.78	NS	1.11	11.9	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.72]
CC 07	Surface Water		14-Nov-2023	NS	213	5.2	5.6	23	5	2.3	13.9	NS	No Comments	<EQL (5)	<EQL (10)	2240	566	0.781	NS	<EQL (1)	<EQL (1.8)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.74]
			07-May-2024	NS	209	0.87	5.6	22.1	9	3	18.4	NS	No Comments	[0.8]	[5.8]	2280	534	0.811	NS	[0.778]	<EQL (1.53)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.54]
CC 08	Surface Water		14-Nov-2023	NS	243	6.03	4.2	23	0	1.9	13.9	NS	No Comments	<EQL (5)	<EQL (10)	2250	567	0.772	NS	<EQL (1)	13.5	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	1.25
			07-May-2024	NS	198	1.24	5.4	22.7	4	2.6	18.1	NS	No Comments	<EQL (5)	[8.2]	2320	521	0.811	NS	[0.746]	[0.732]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.63]
CCT 01	Surface Water		14-Nov-2023	NS	160	5.15	5.8	25	15	8.9	14.9	NS	No Comments	[1.1]	50.8	2170	556	0.405	NS	[1.34]	183	<EQL (2)	<EQL (1)	[0.44]	<EQL (1)	<EQL (1)	9.84
			07-May-2024	NS	118	7.8	6.8	190	36	4.4	18.8	NS	No Comments	<EQL (5)	77.3	2230	478	[0.38]	NS	1.65	134	[0.68]	<EQL (1)	[0.68]	<EQL (1)	<EQL (1)	8.53
CCT 02	Surface Water		14-Nov-2023	NS	197	5.12	5.4	20	3	16.9	14	NS	No Comments	<EQL (5)	<EQL (10)	2360	307	0.517	NS	[2.4]	16.6	<EQL (2)	<EQL (1)	[0.39]	<EQL (1)	<EQL (1)	7.6
			07-May-2024	NS	140	5.8	5.6	4.5	11	4.5	18.8	NS	No Comments	<EQL (5)	[5.8]	2410	260	0.431	NS	2.92	10.9	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	5.71
CCT 03	Surface Water		14-Nov-2023	NS	216	4.86	5.4	20	3	2.1	14	NS	No Comments	<EQL (5)	<EQL (10)	2470	213	0.573	NS	[2.57]	[1.61]	<EQL (2)	<EQL (1)	[0.56]	<EQL (1)	<EQL (1)	5.59
			07-May-2024	NS	157	5.1	5.4	24	9	2.3	19.2	NS	No Comments	<EQL (5)	[9.2]	2470	191	0.445	NS	3.28	[1.51]	<EQL (2)	<EQL (1)	[0.44]	<EQL (1)	<EQL (1)	4.59

Table A-1 Table Notes

[##]	EPA Functional Guideline Code of 'J' was applied to the result, indicating an estimated quanity.
<EQL(##)	Constituent was below detection. The sample-specific Estimated Quantitation Limit is in parentheses.
	Result exceeds applicable limit.
REJ	Result Rejected.
	Result is less than the applicable limit and without EPA Functional Guidline qualifiers.
NS	Requested to be sampled but was not. See comments as to why not.
Blue Text	Not a required sample analysis.

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APPENDIX B

CAGW OU Hydrographs

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Figure B-1.

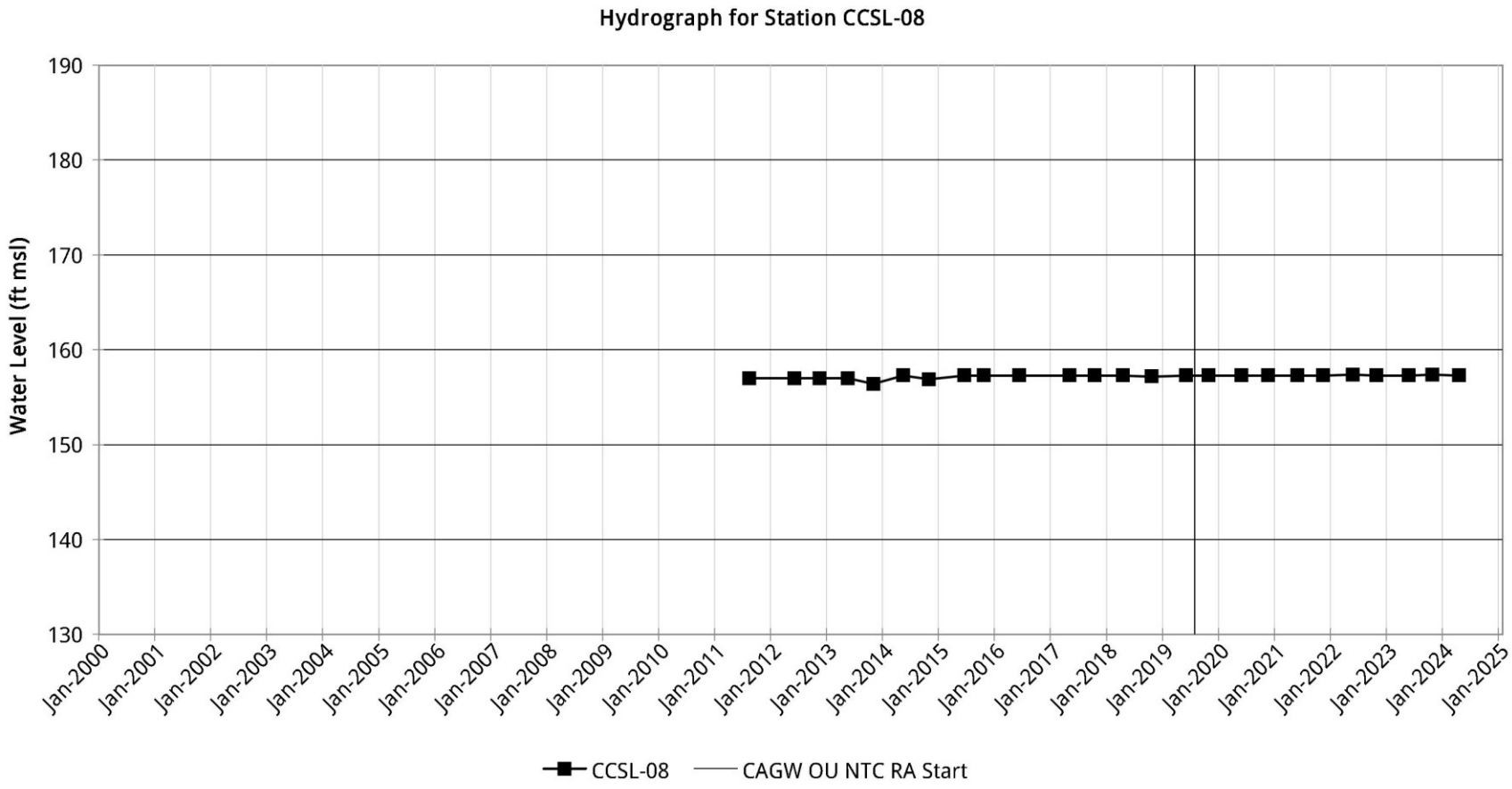

Hydrograph for Station CCSL-08
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-08
CAGW OU NTC RA Start

Figure B-2.

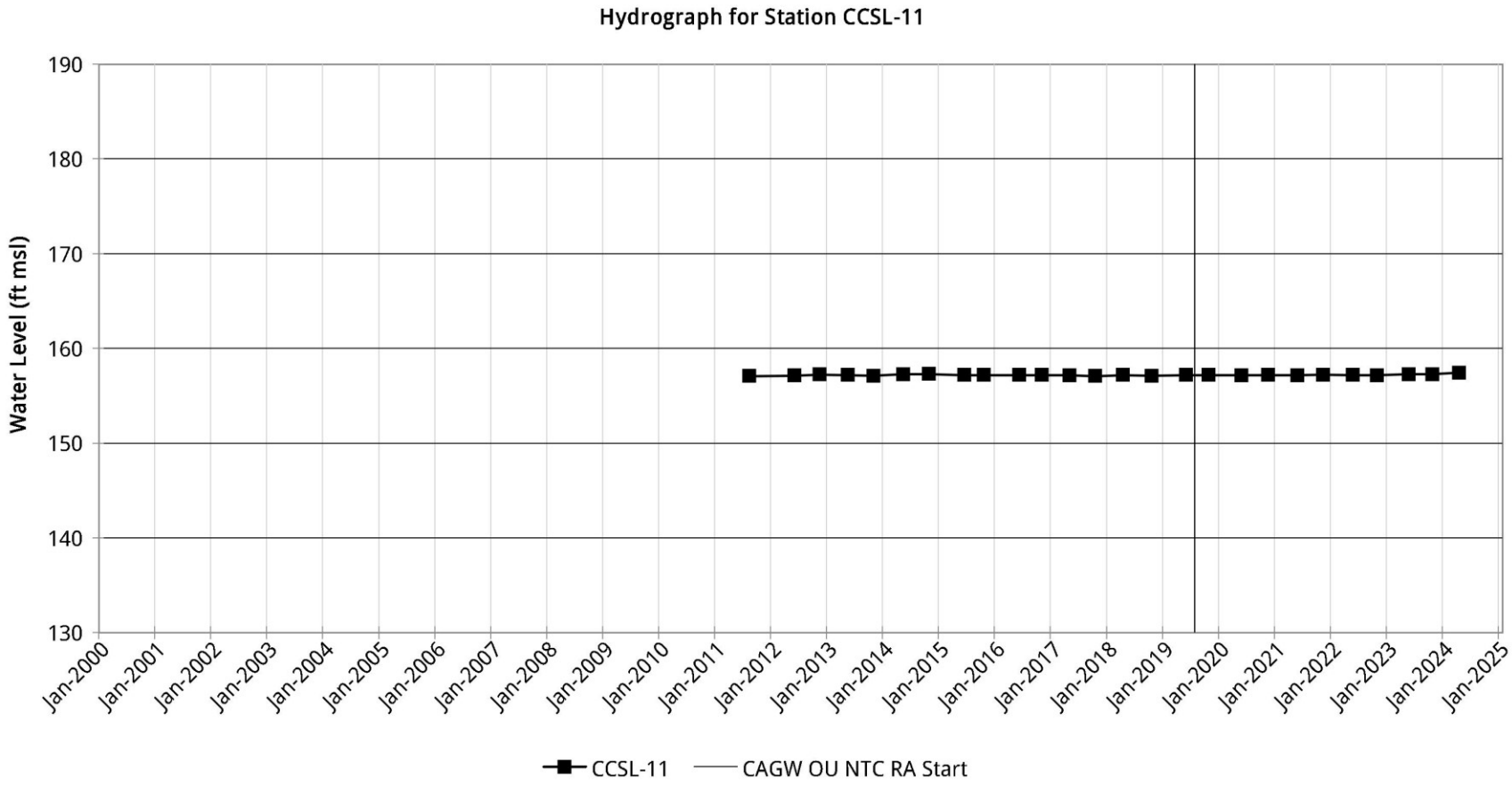

Hydrograph for Station CCSL-11
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-11
CAGW OU NTC RA Start

Figure B-3.

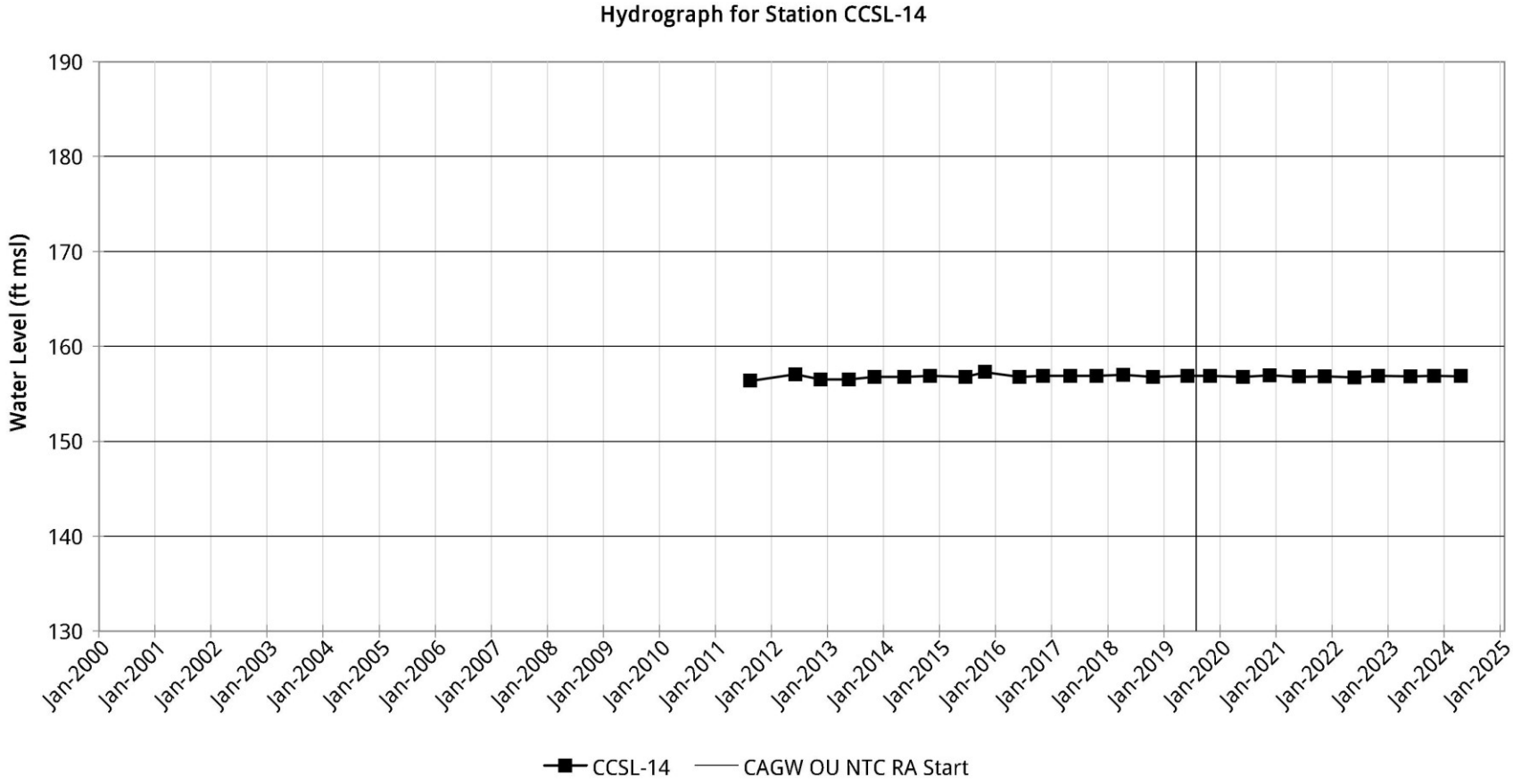
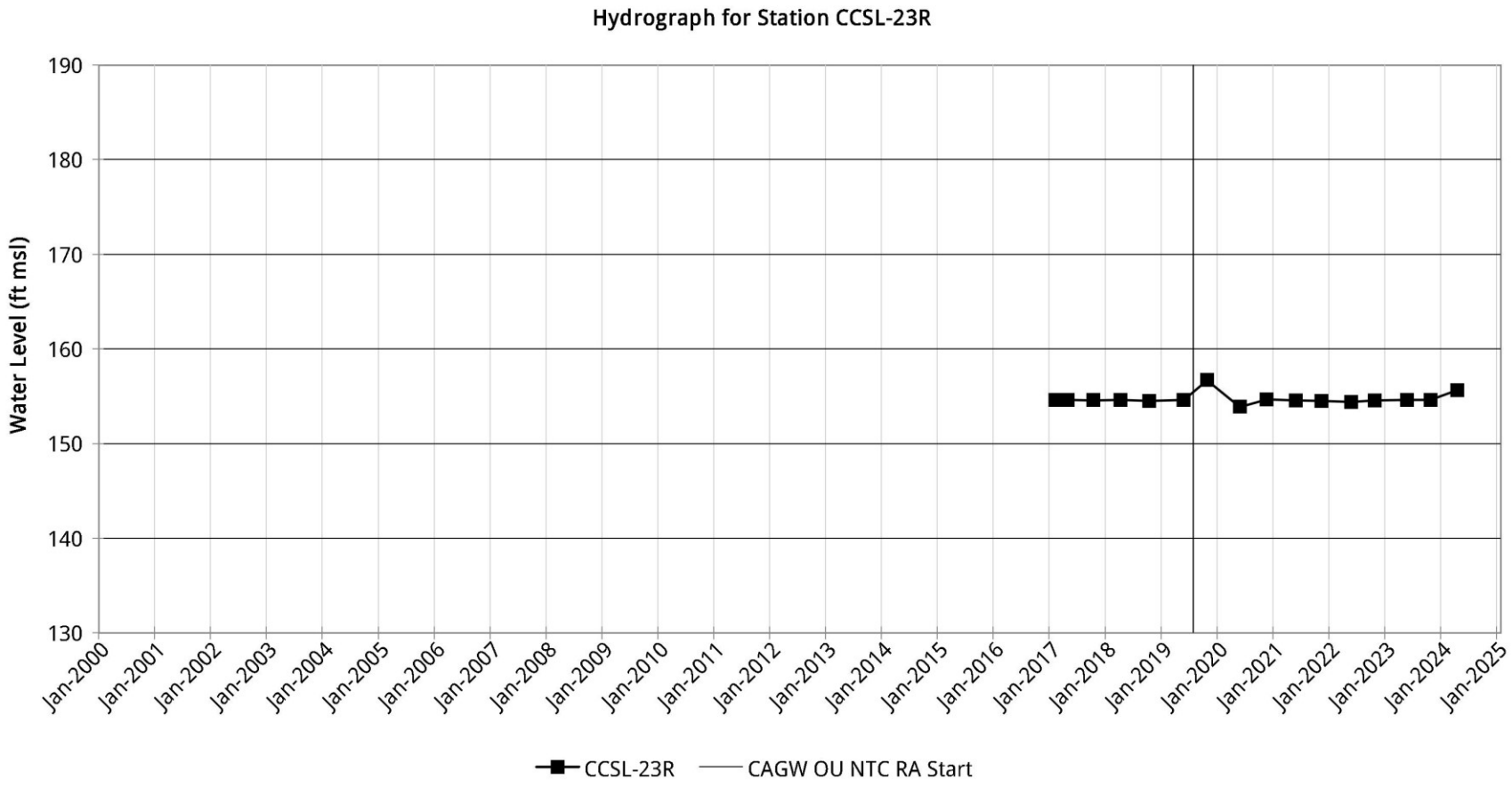

Hydrograph for Station CCSL-14
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-14
CAGW OU NTC RA Start

Figure B-4.


Hydrograph for Station CCSL-23R
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
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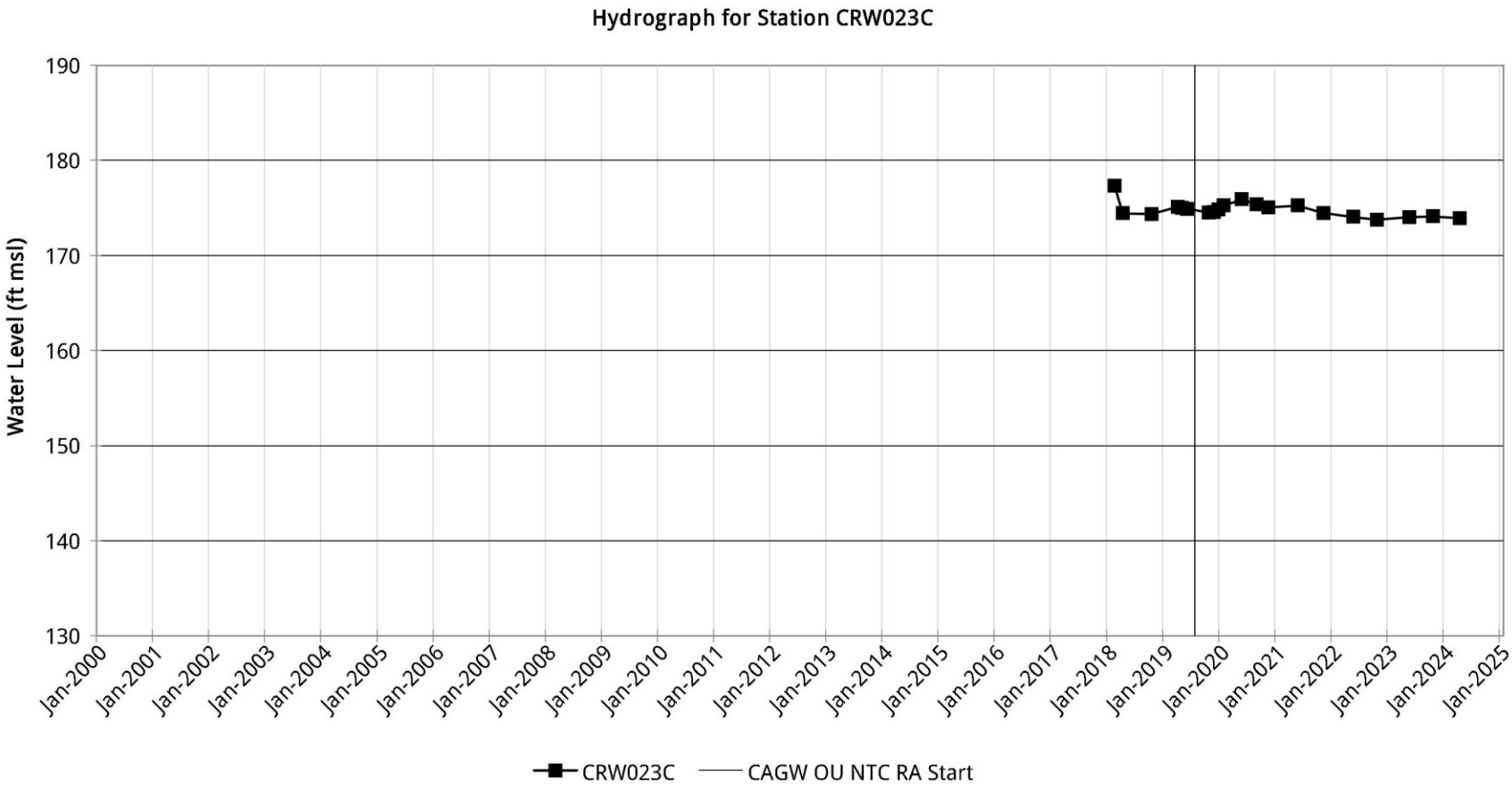
Jan-2025
CCSL-23R
CAGW OU NTC RA Start

Figure B-5.


Hydrograph for Station CRW023C
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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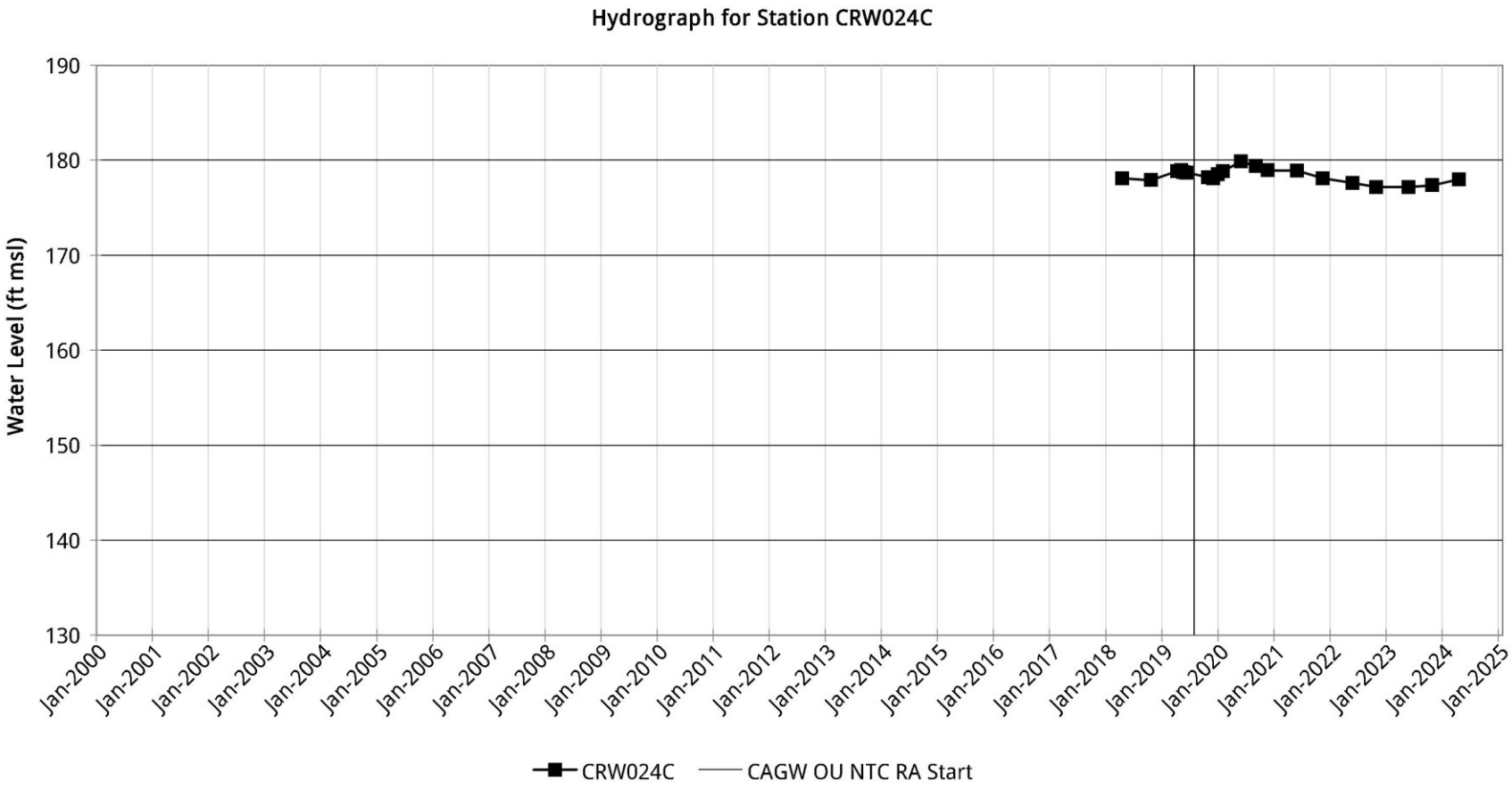
Jan-2025
CRW023C
CAGW OU NTC RA Start

Figure B-6.


Hydrograph for Station CRW024C
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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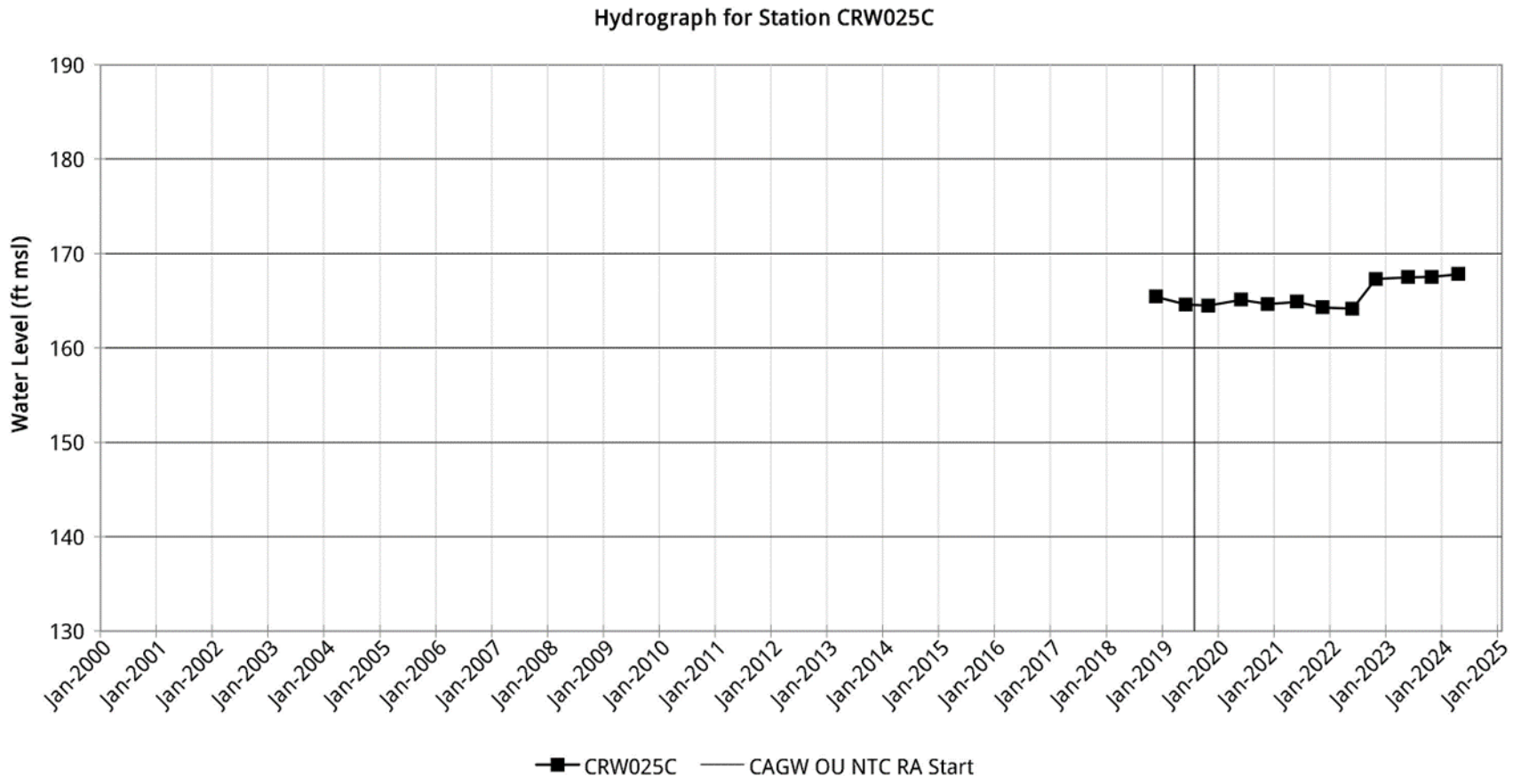
Jan-2025
CRW024C
CAGW OU NTC RA Start

Figure B-7.


Hydrograph for Station CRW025C
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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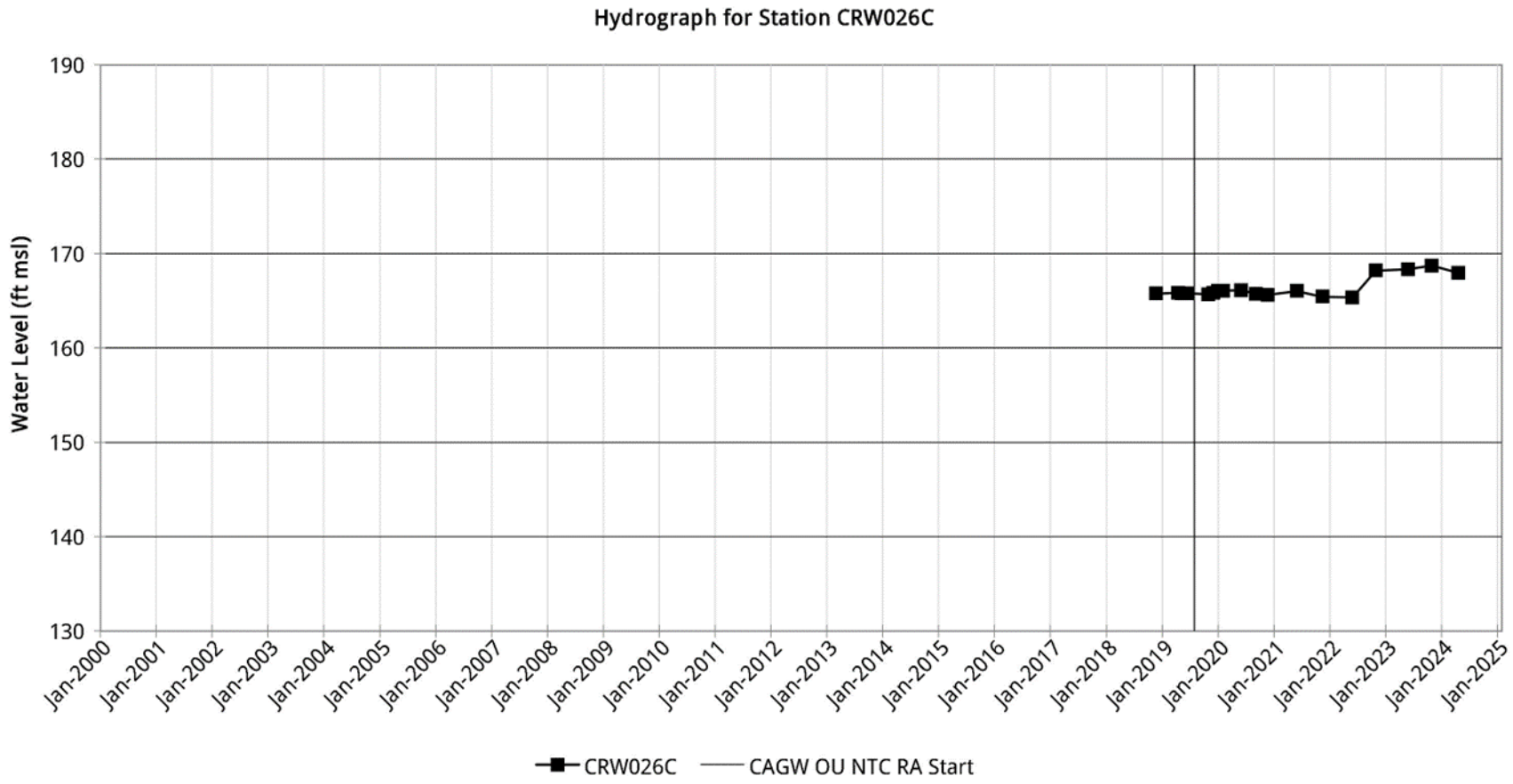
Jan-2024
Jan-2025
CRW025C
CAGW OU NTC RA Start

Figure B-8.


Hydrograph for Station CRW026C
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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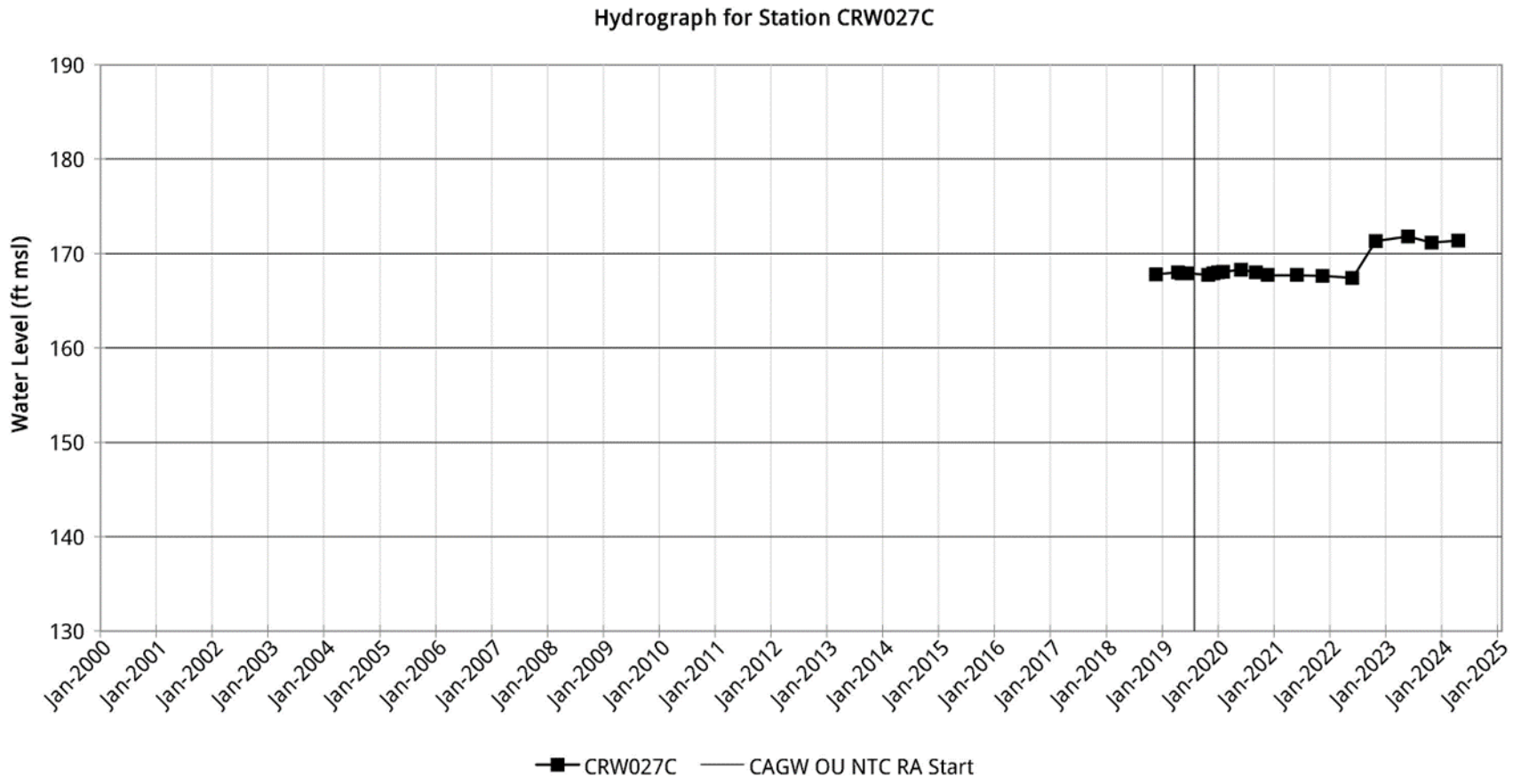
CRW026C
CAGW OU NTC RA Start

Figure B-9.


Hydrograph for Station CRW027C
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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Jan-2016
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Jan-2018
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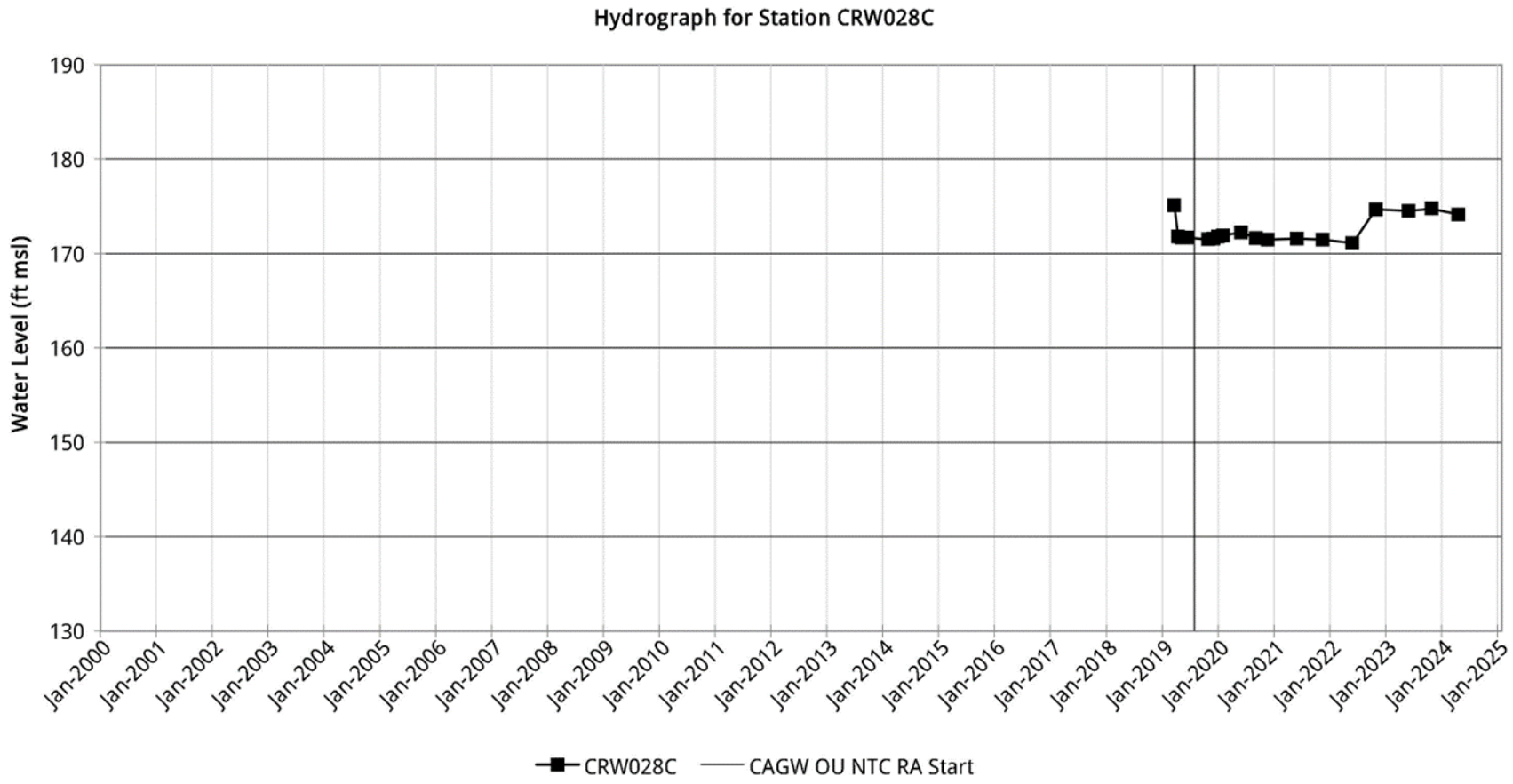
Jan-2025
CRW027C
CAGW OU NTC RA Start

Figure B-10.


Hydrograph for Station CRW028C
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
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Jan-2018
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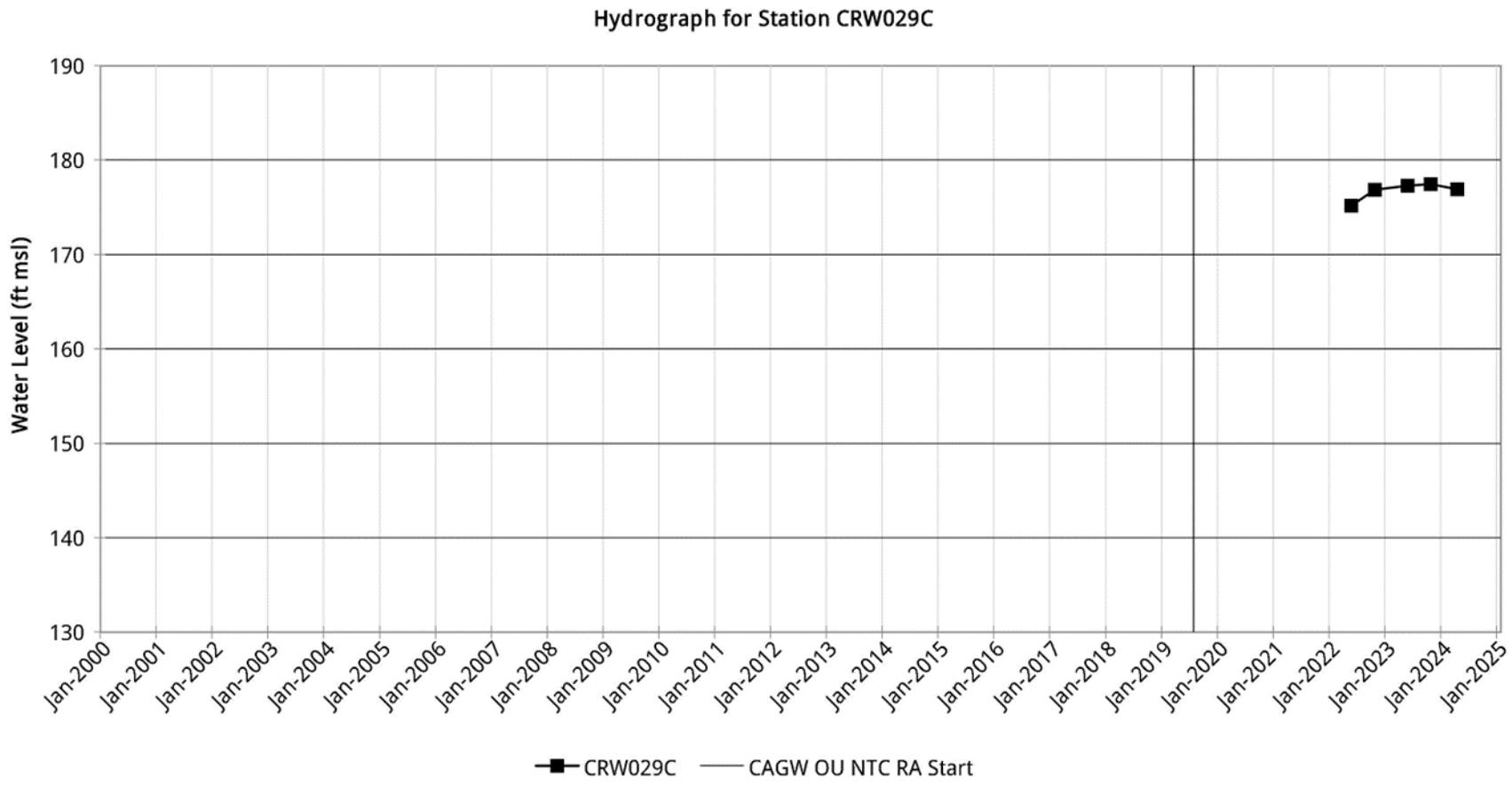
Jan-2025
CRW028C
CAGW OU NTC RA Start

Figure B-11.


Hydrograph for Station CRW029C
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
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Jan-2018
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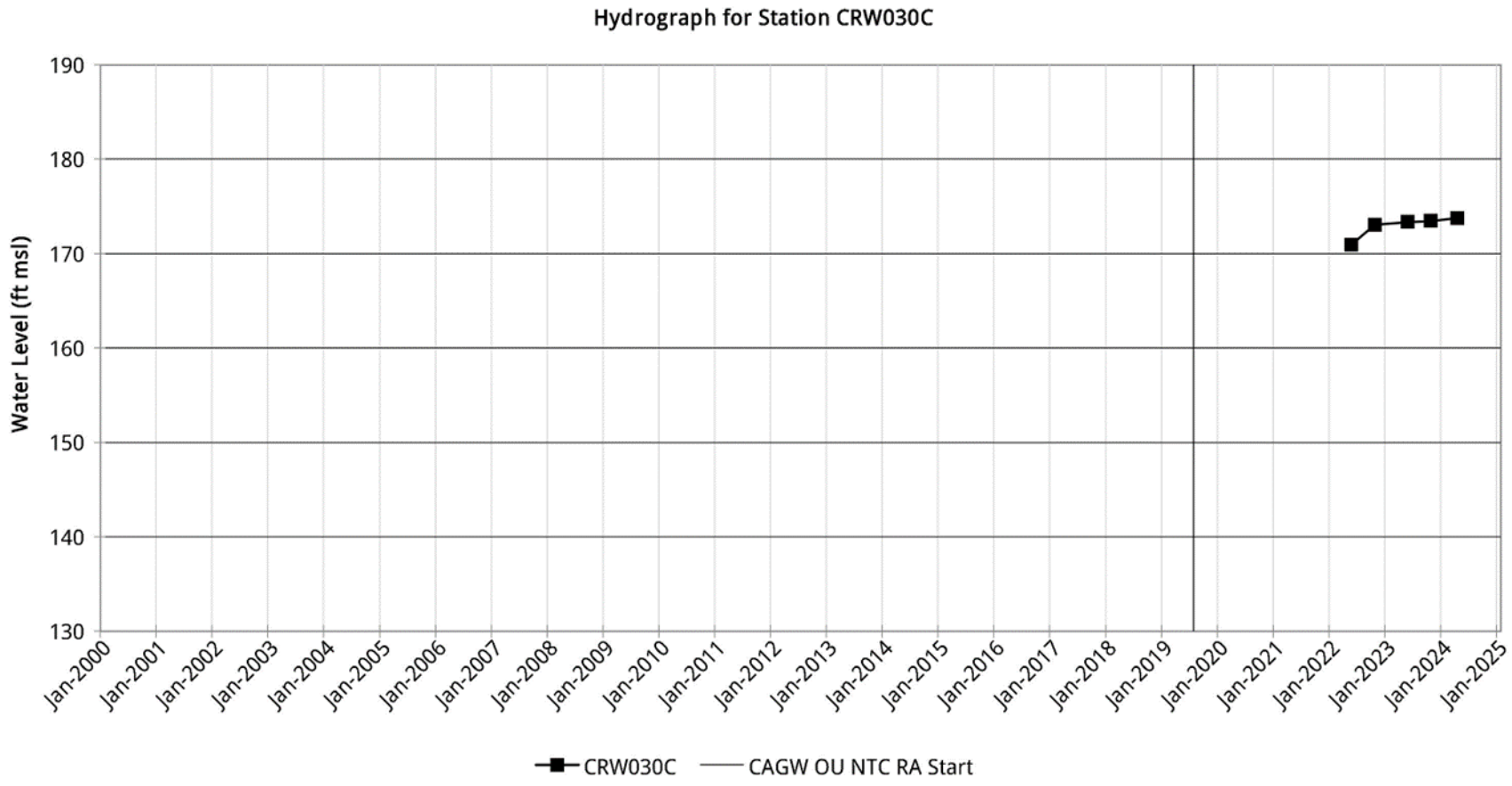
Jan-2025
CRW029C
CAGW OU NTC RA Start

Figure B-12.


Hydrograph for Station CRW030C
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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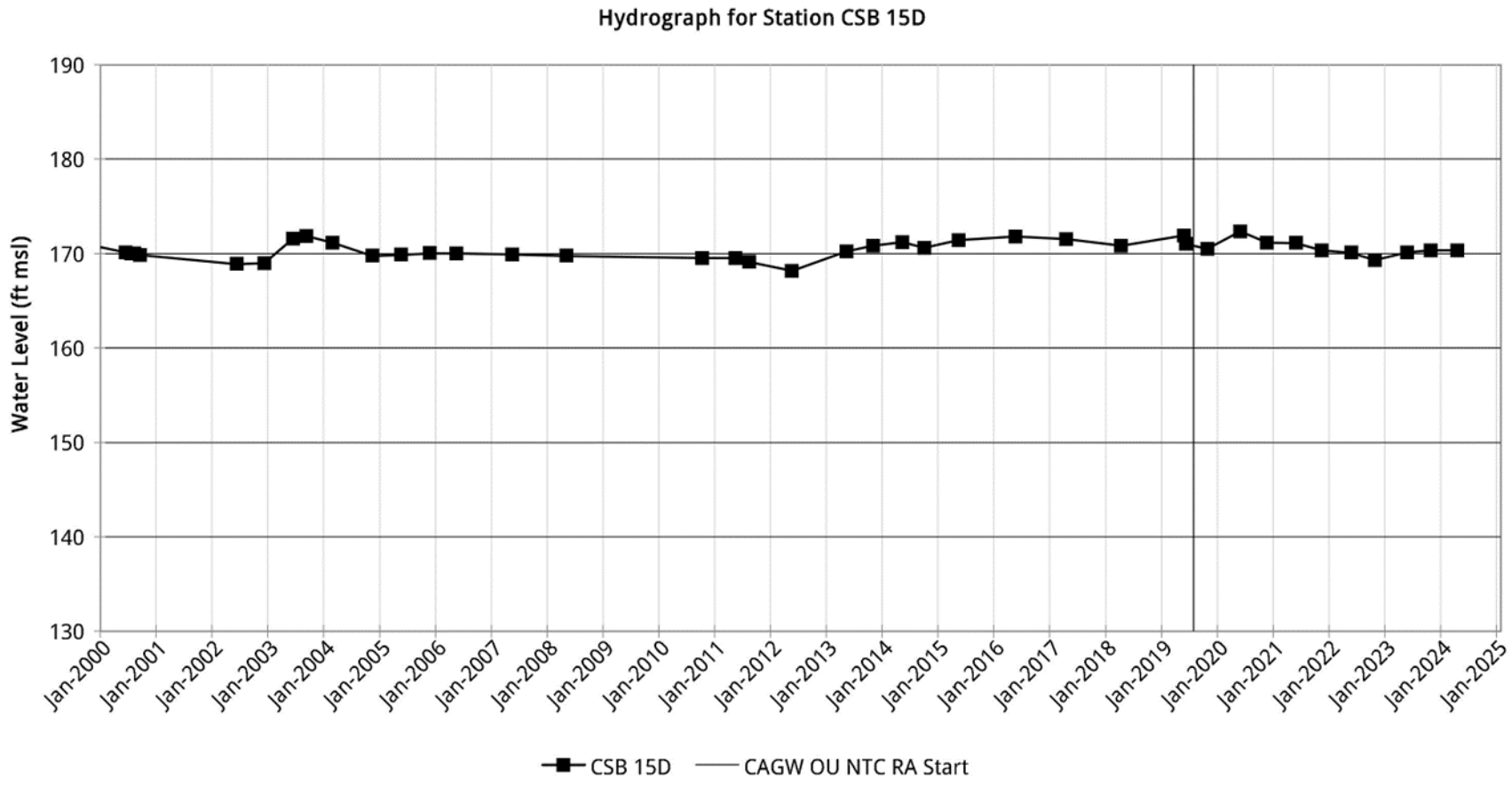
Jan-2025
CRW030C
CAGW OU NTC RA Start

Figure B-13.


Hydrograph for Station CSB 15D
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
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Jan-2016
Jan-2017
Jan-2018
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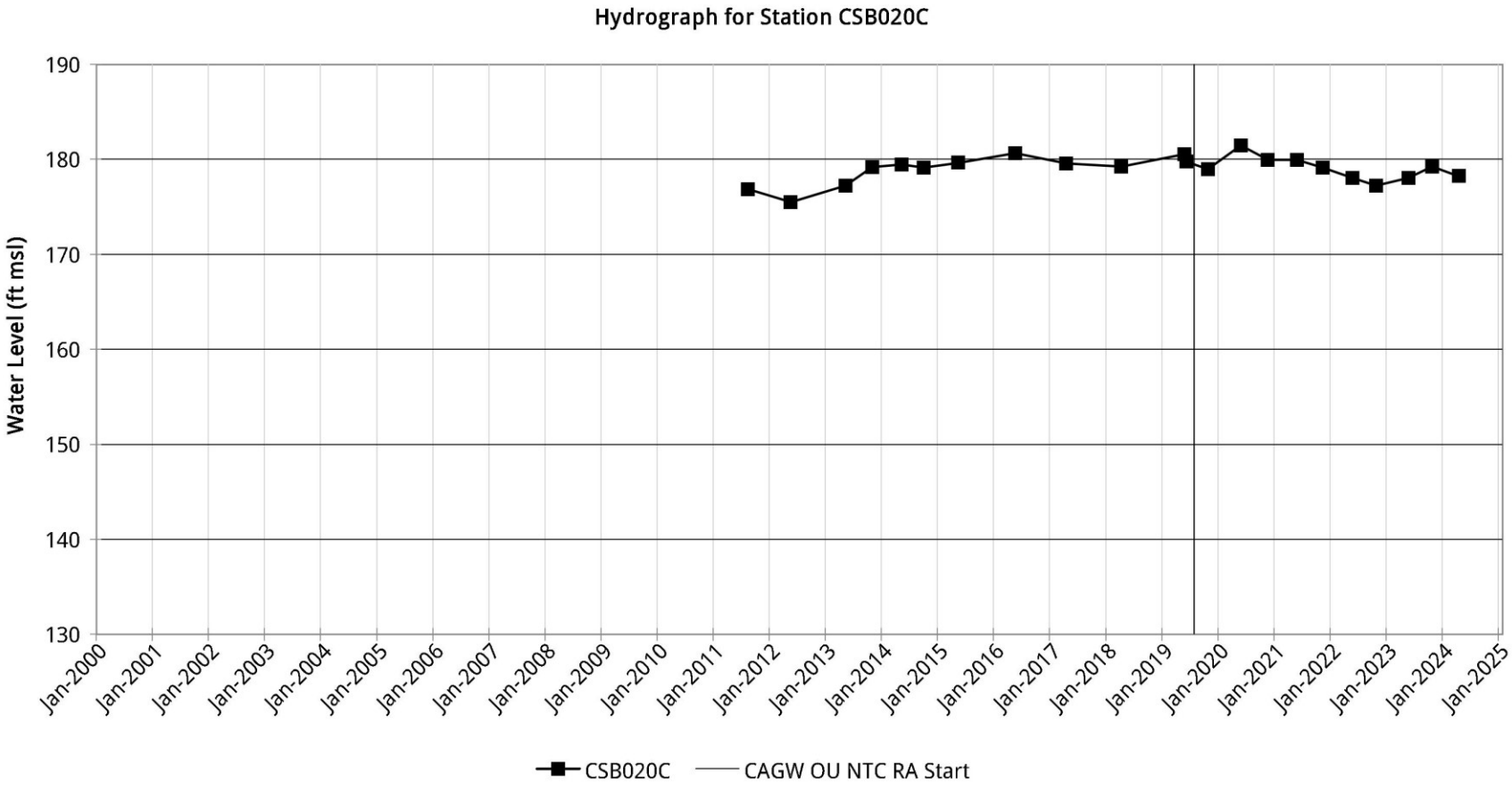
Jan-2025
CSB 15D
CAGW OU NTC RA Start

Figure B-14.


Hydrograph for Station CSB020C
Water Level (ft msl)
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2018
Jan-2019
Jan-2020
Jan-2021
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Jan-2024
Jan-2025
CSB020C
CAGW OU NTC RA Start

APPENDIX C

Time-Series Plots

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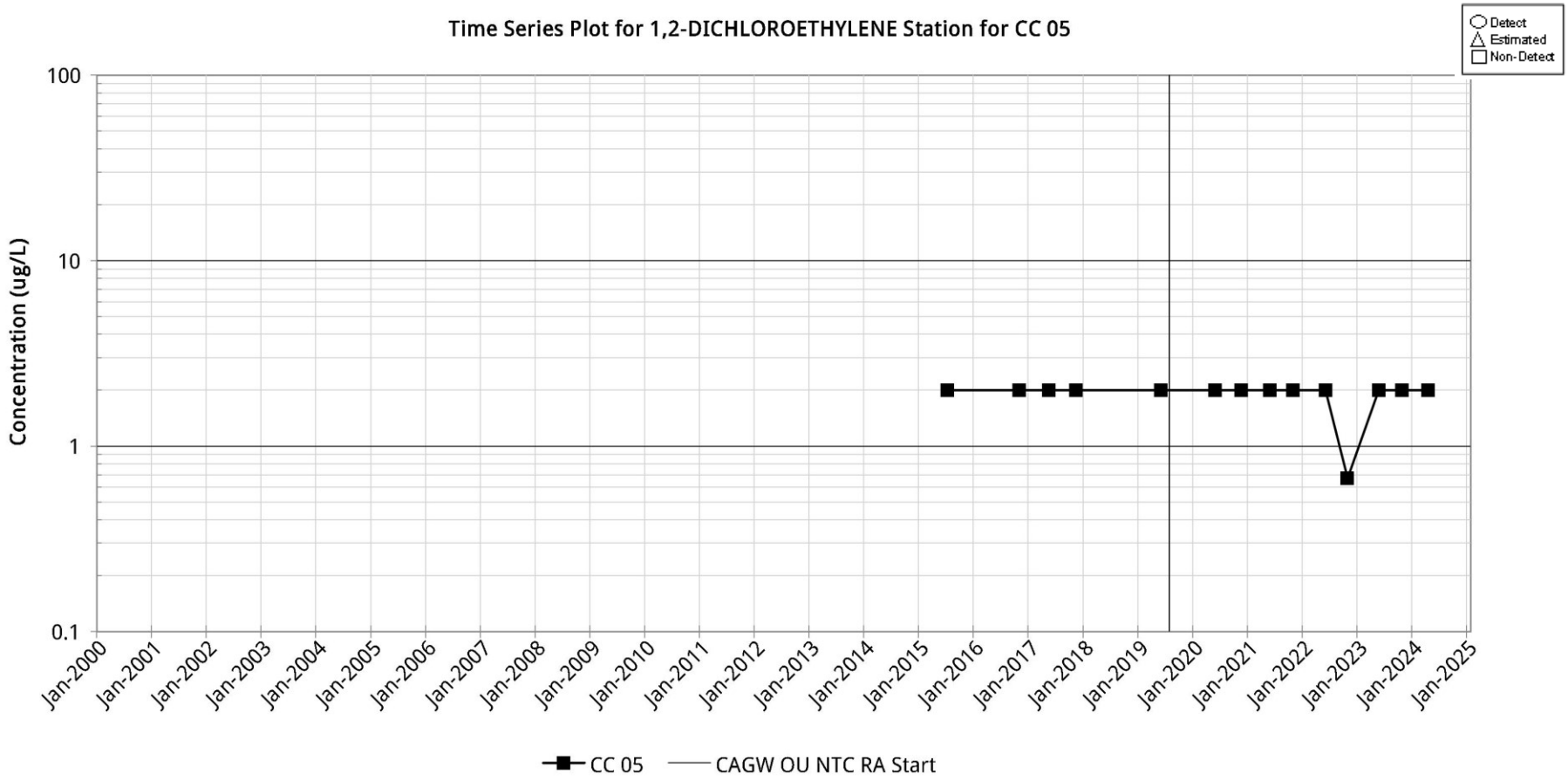
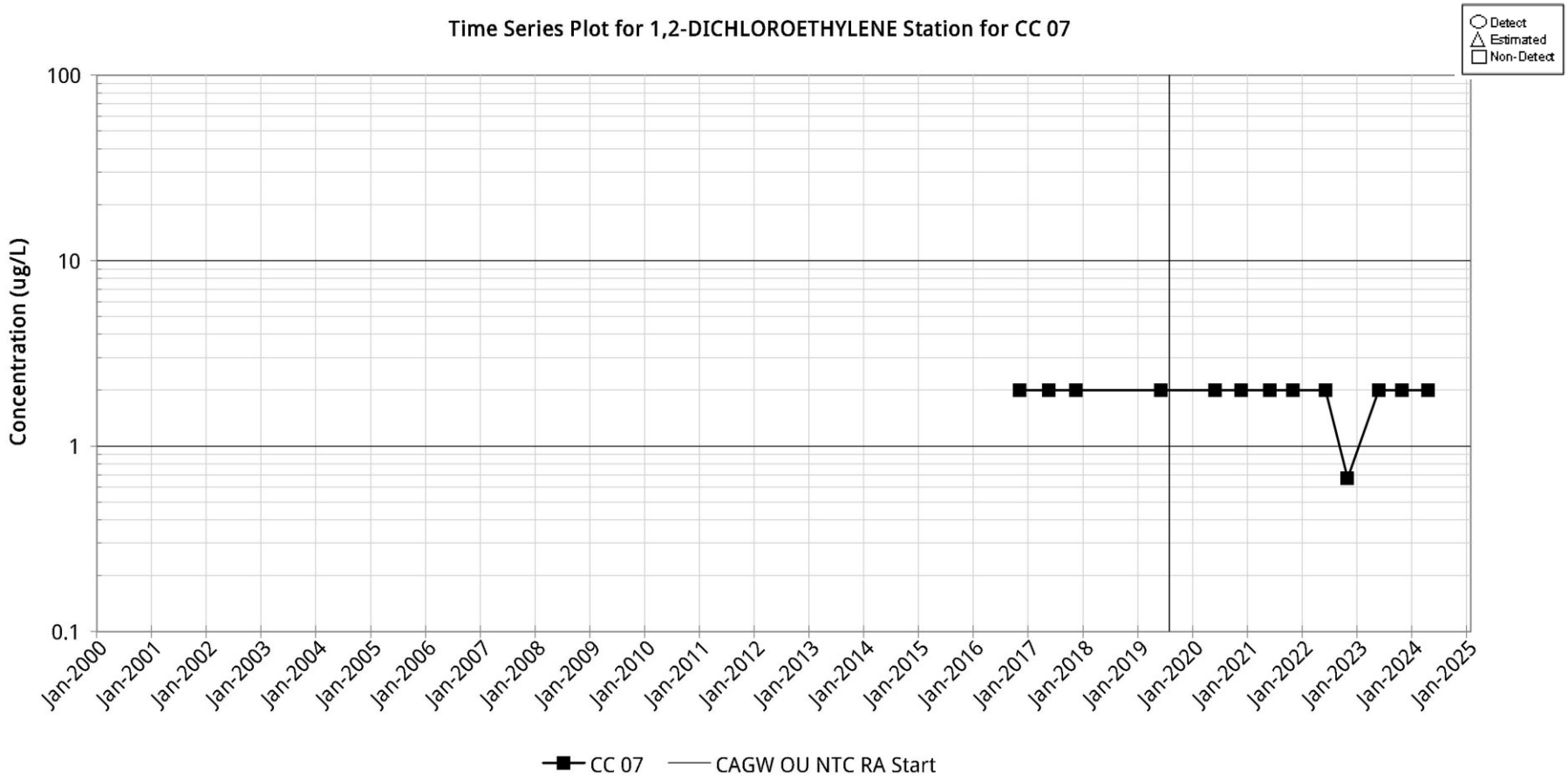

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CC 05
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 05
CAGW OU NTC RA Start

Figure C-1


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CC 07
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
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Jan-2016
Jan-2017
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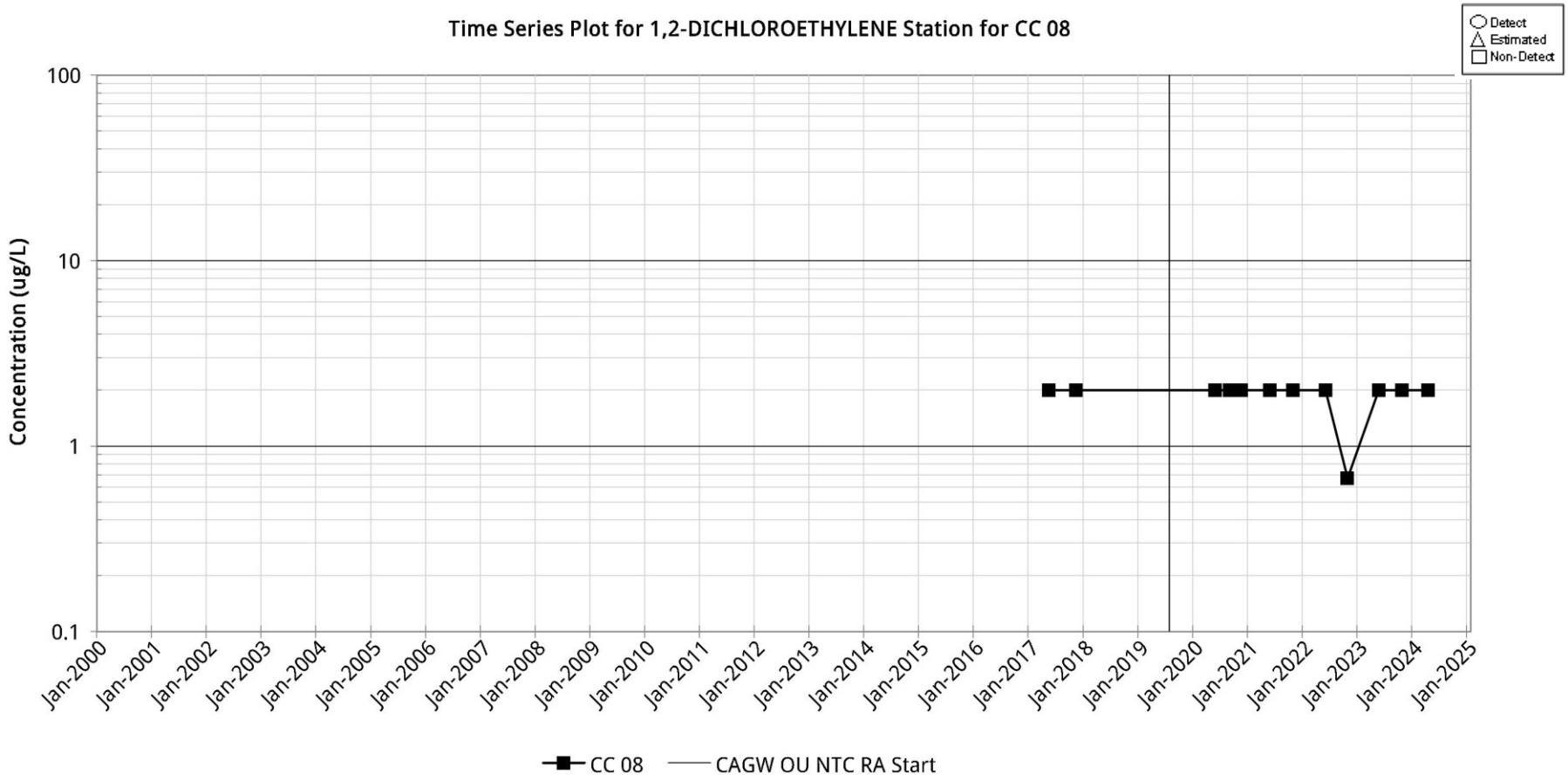
Jan-2025
CC 07
CAGW OU NTC RA Start

Figure C-2


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CC 08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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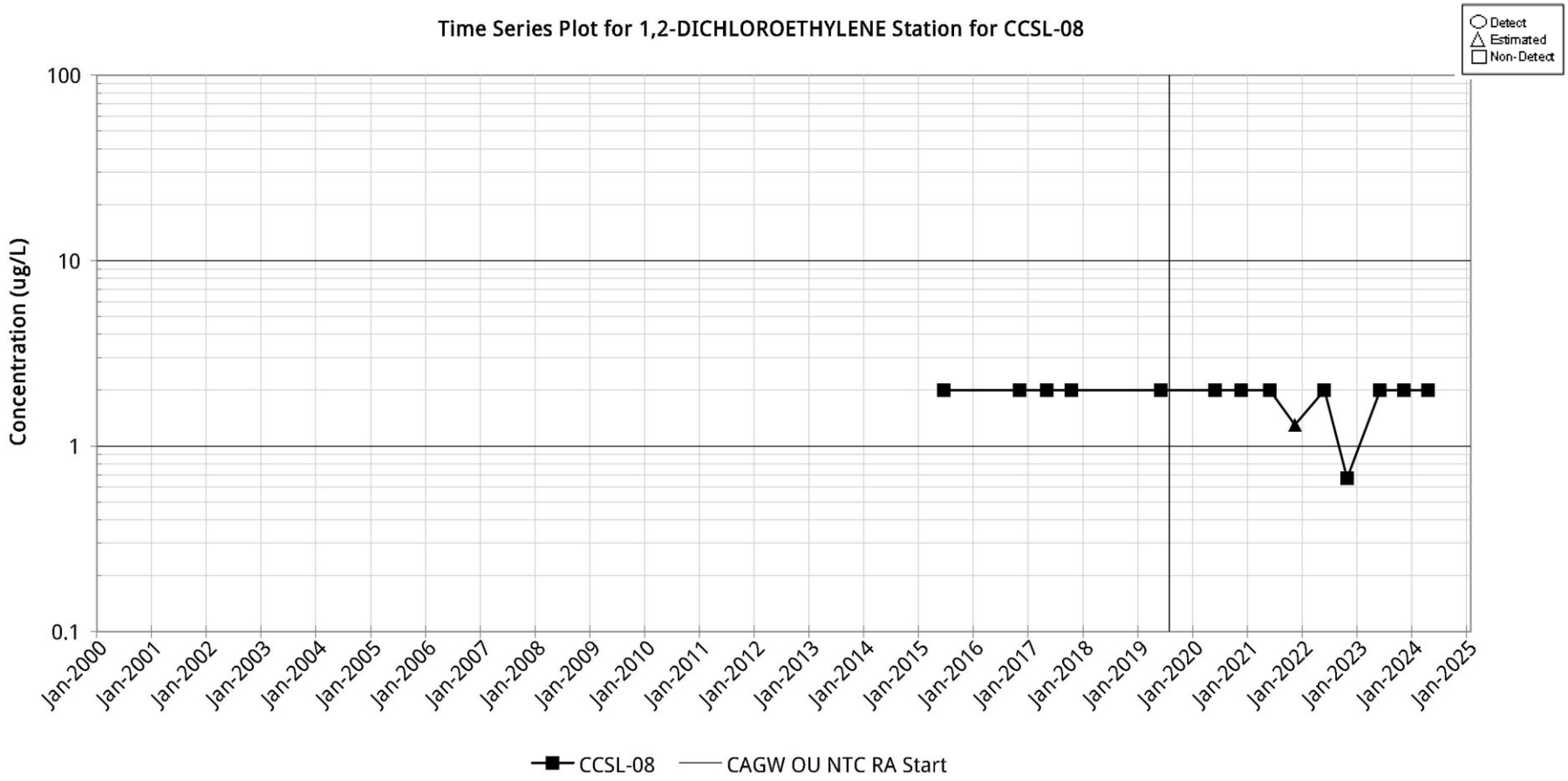
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 08
CAGW OU NTC RA Start

Figure C-3


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCSL-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
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Jan-2017
Jan-2018
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Jan-2022
Jan-2023
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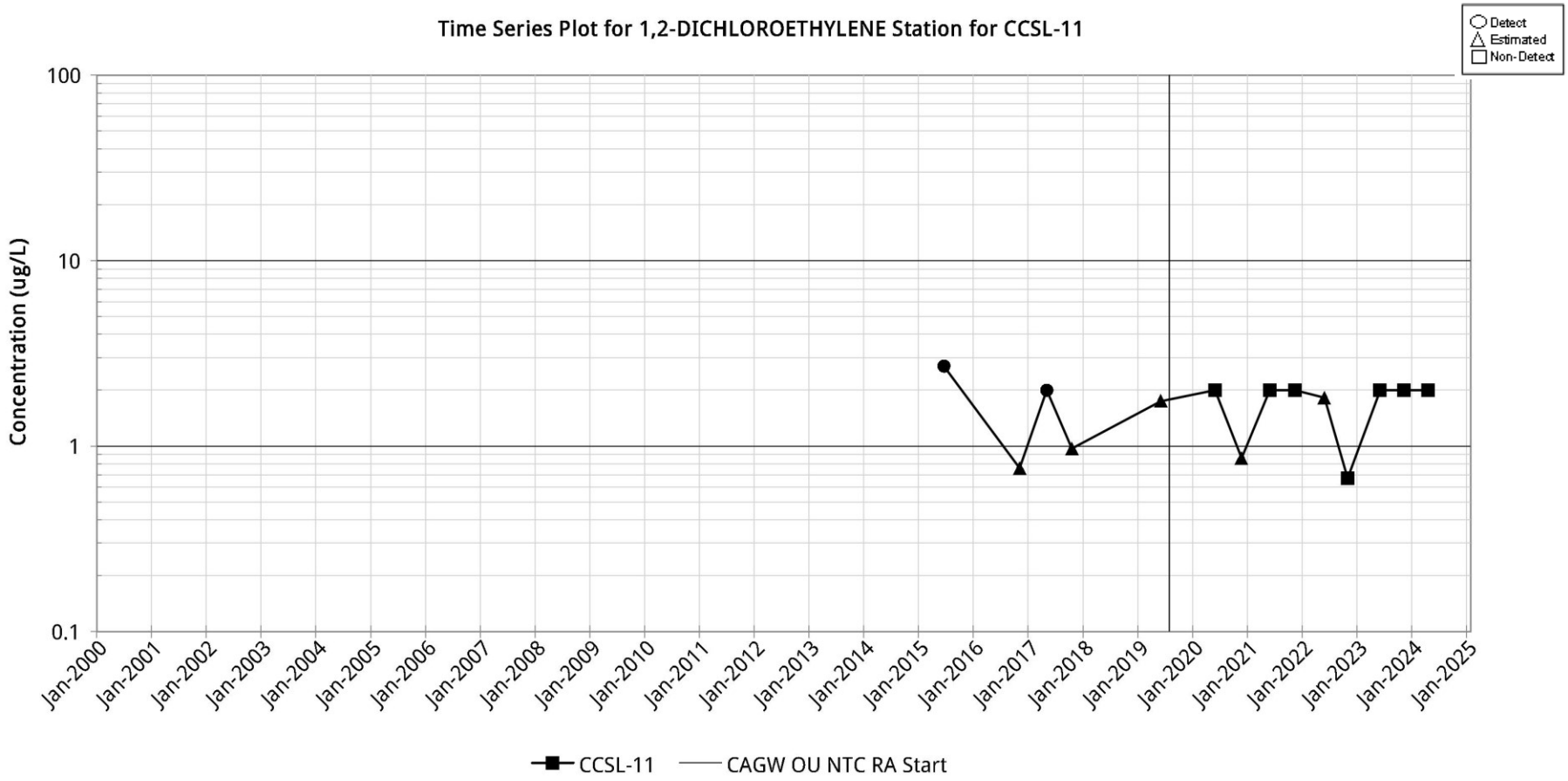
Jan-2025
CCSL-08
CAGW OU NTC RA Start

Figure C-4


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCSL-11
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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Jan-2022
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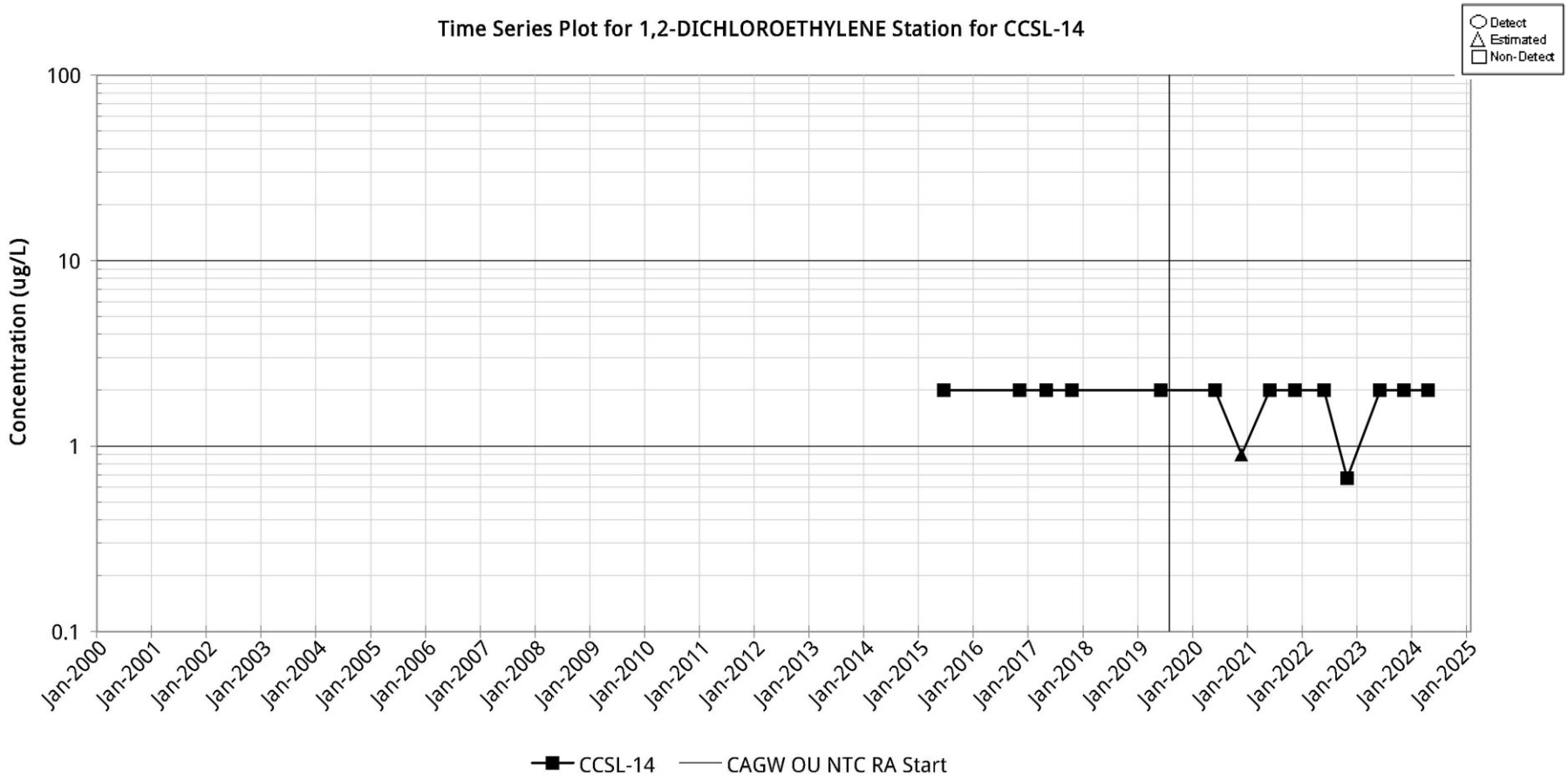
Jan-2025
CCSL-11
CAGW OU NTC RA Start

Figure C-5


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCSL-14
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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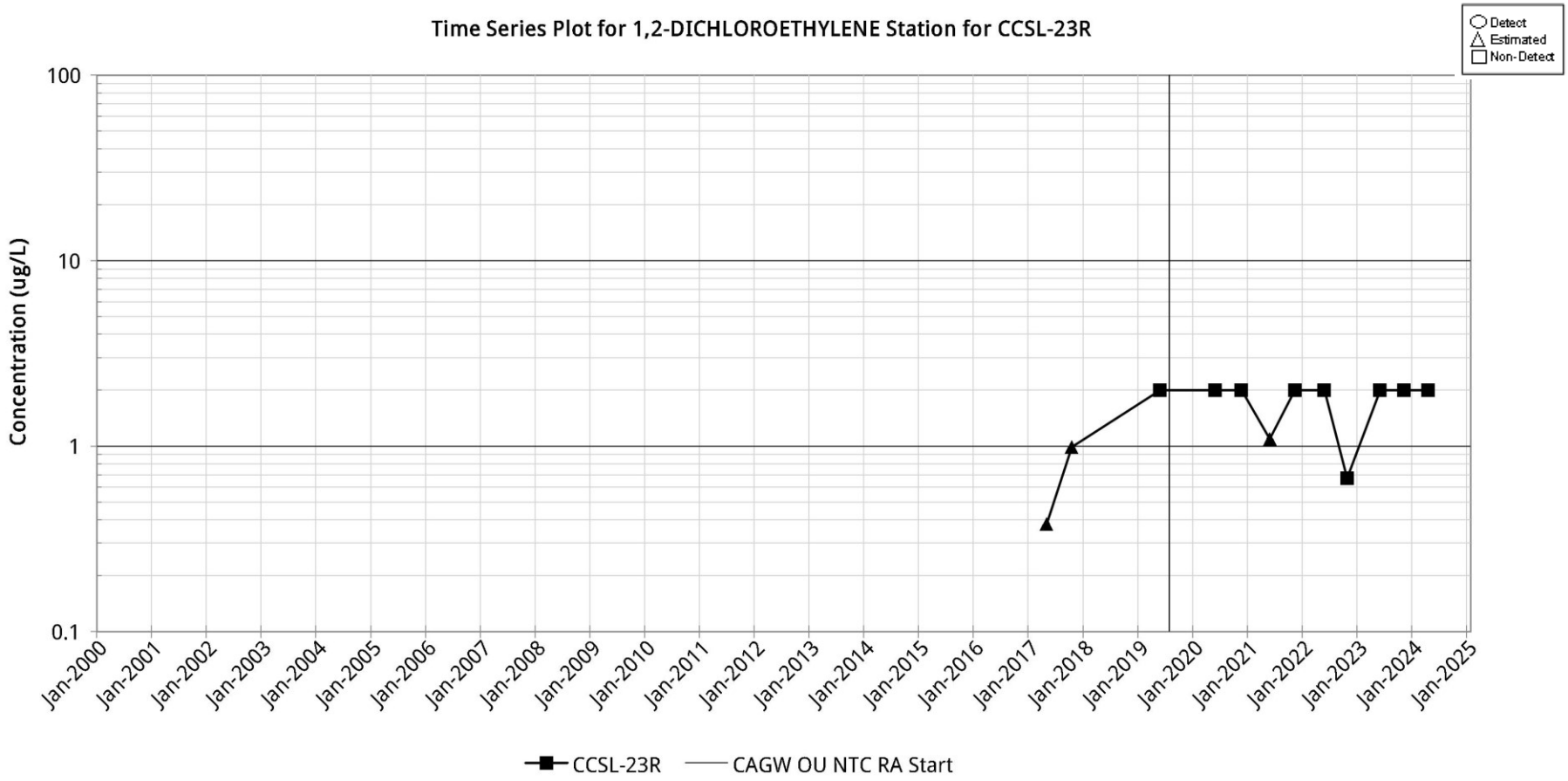
CCSL-14
CAGW OU NTC RA Start

Figure C-6


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCSL-23R
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
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Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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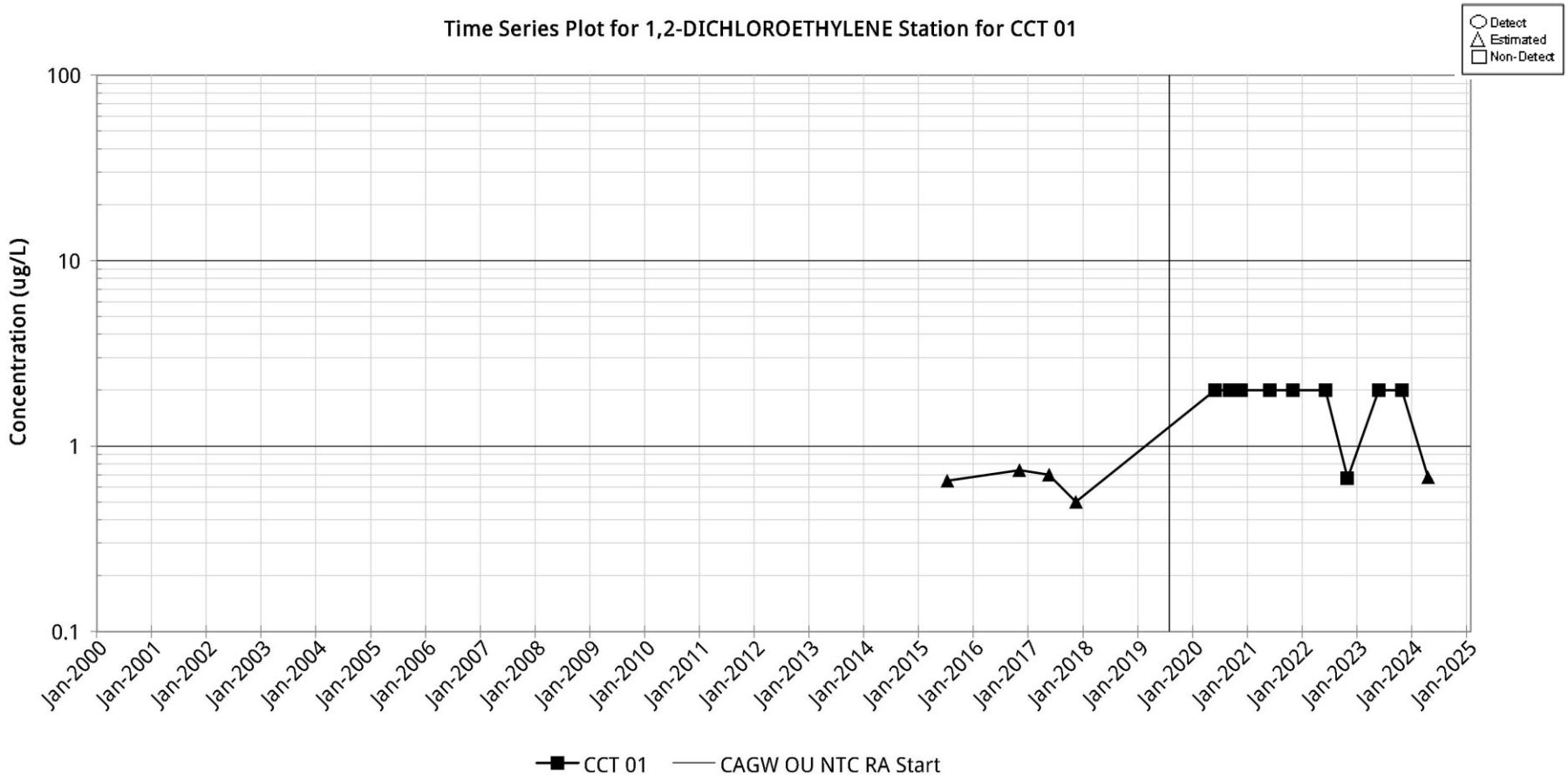
Jan-2025
CCSL-23R
CAGW OU NTC RA Start

Figure C-7


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCT 01
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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Jan-2022
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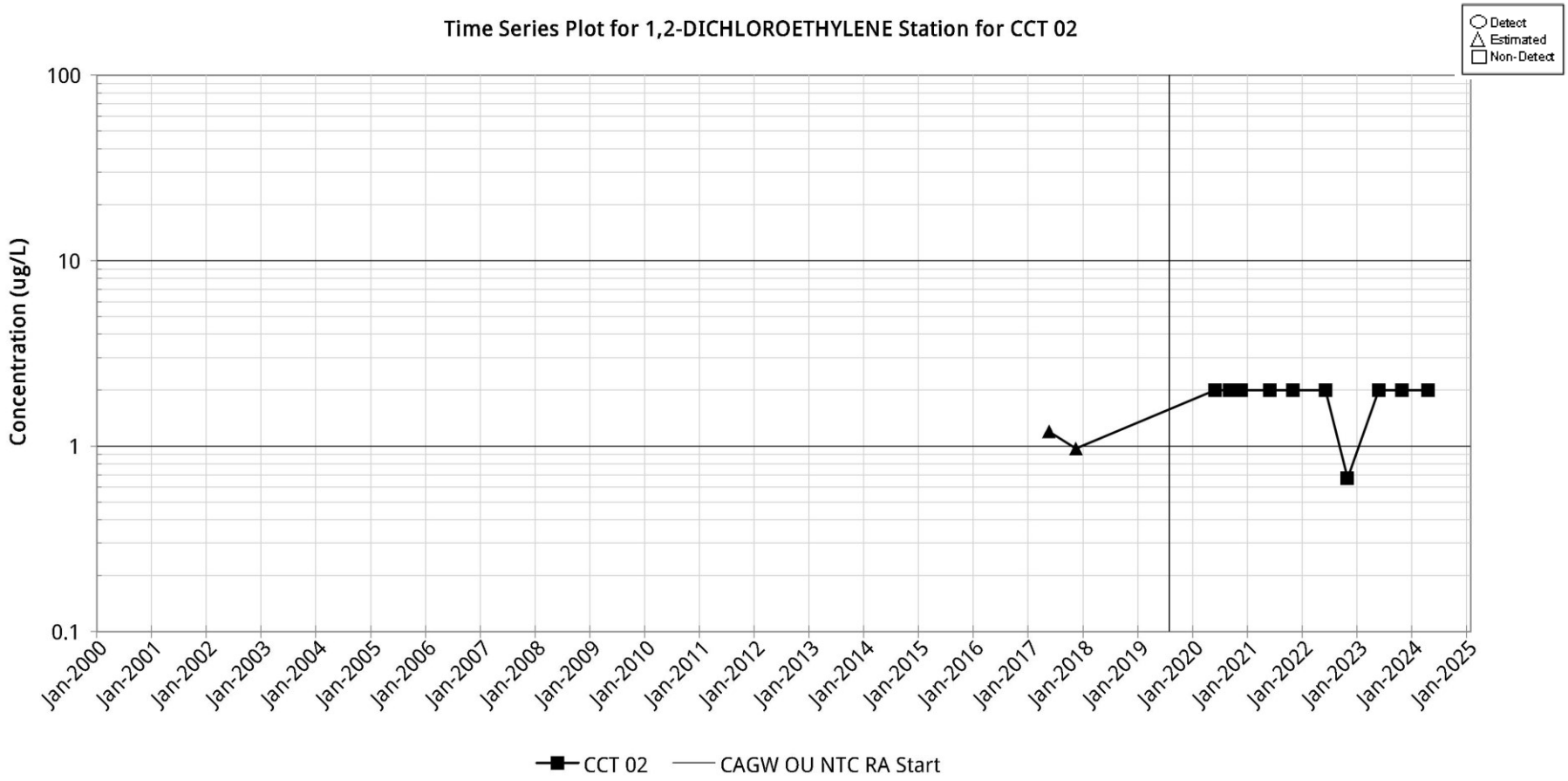
Jan-2025
CCT 01
CAGW OU NTC RA Start

Figure C-8


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCT 02
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
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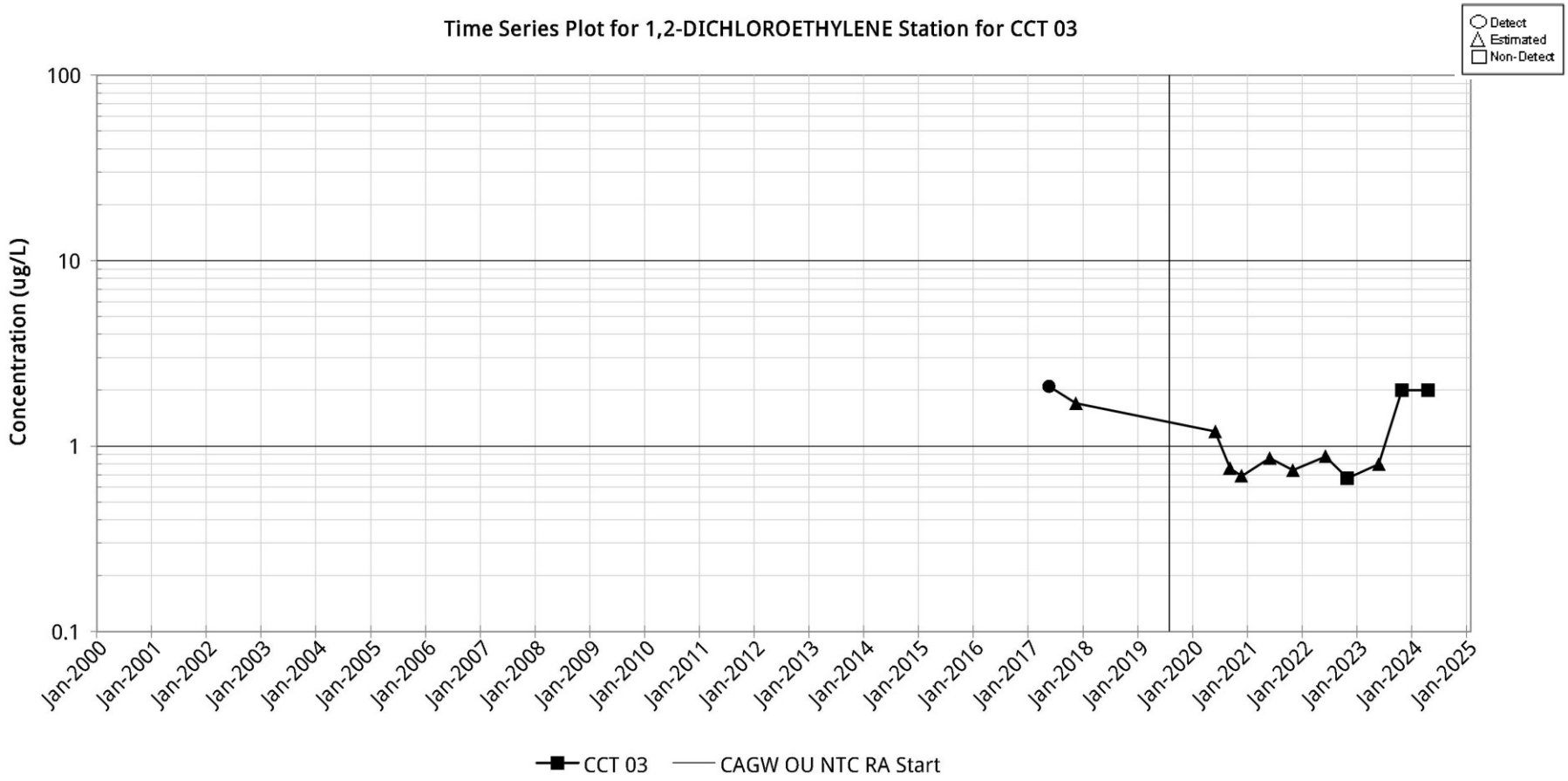
Jan-2025
CCT 02
CAGW OU NTC RA Start

Figure C-9


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCT 03
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
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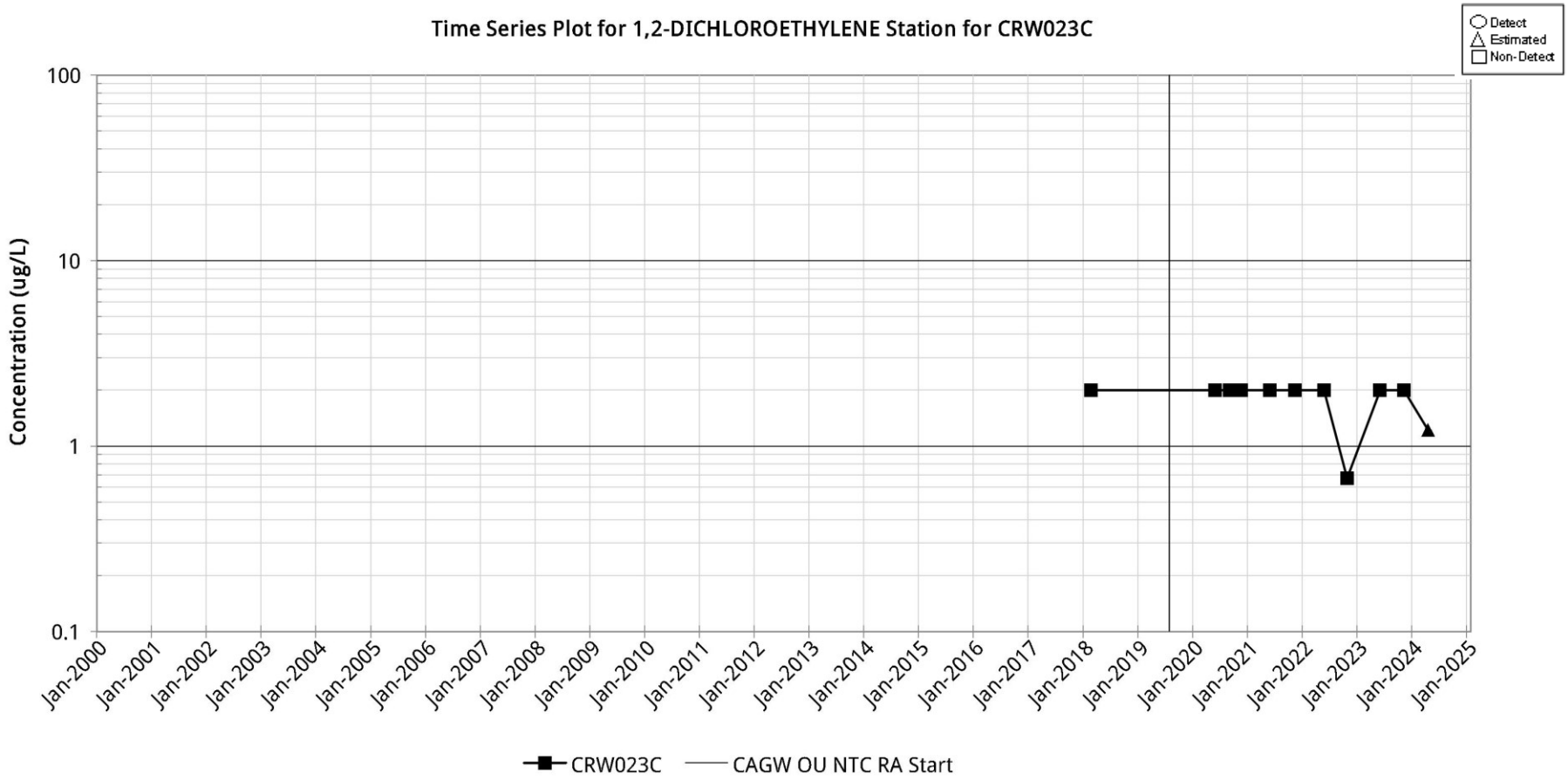
Jan-2025
CCT 03
CAGW OU NTC RA Start

Figure C-10


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW023C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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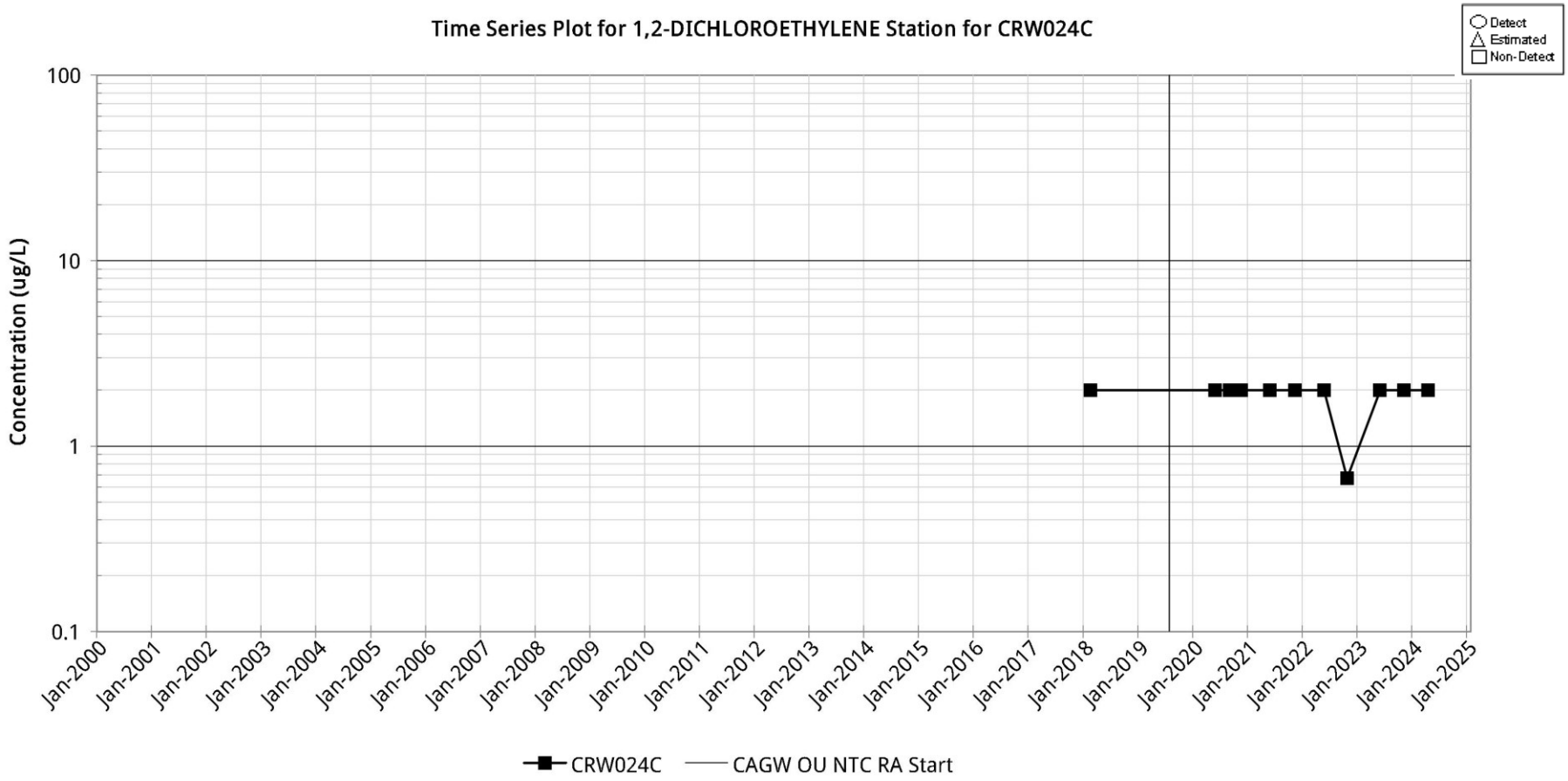
Jan-2025
CRW023C
CAGW OU NTC RA Start

Figure C-11


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW024C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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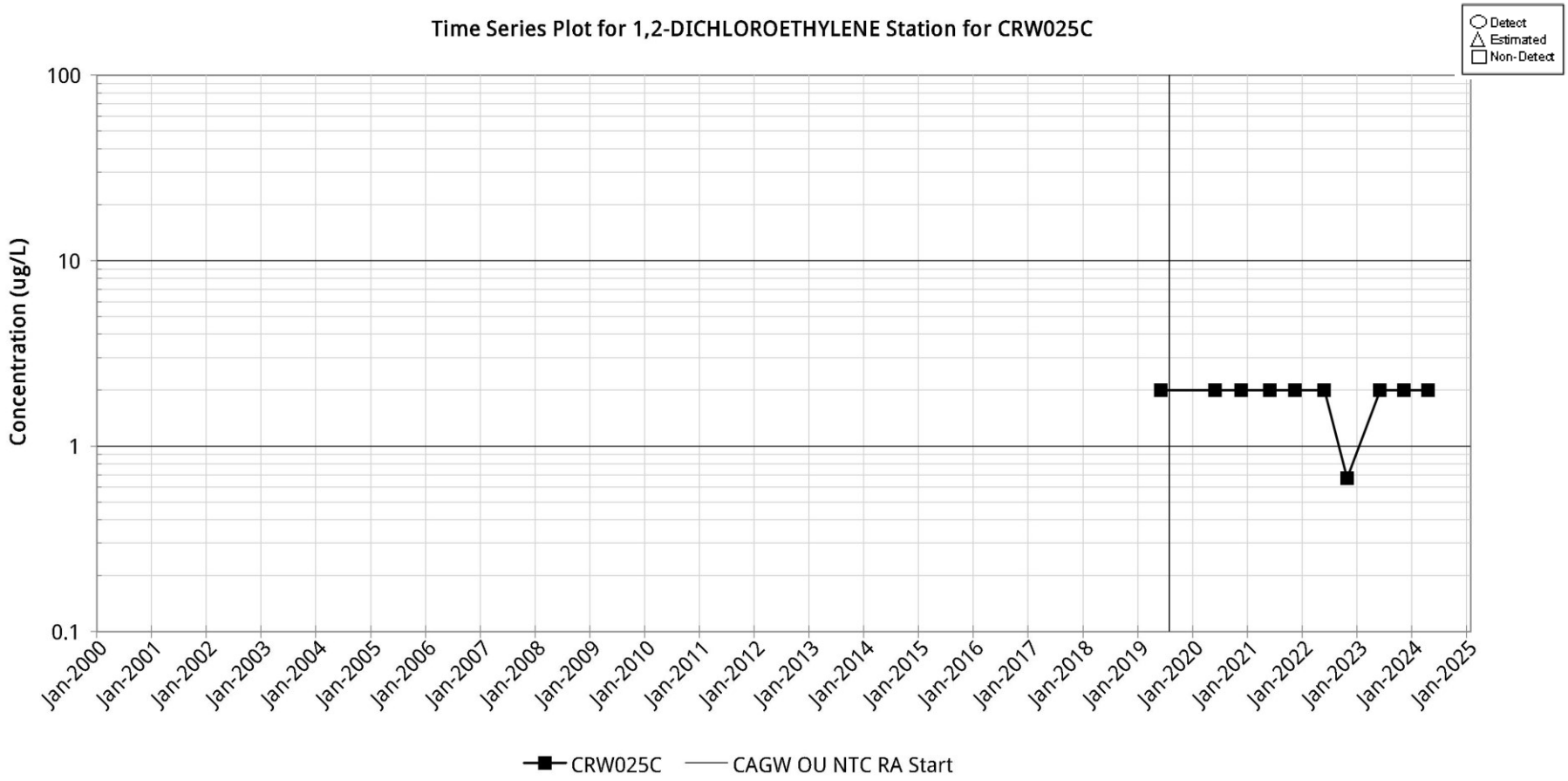
Jan-2025
CRW024C
CAGW OU NTC RA Start

Figure C-12


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW025C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
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Jan-2023
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Jan-2025
CRW025C
CAGW OU NTC RA Start

Figure C-13

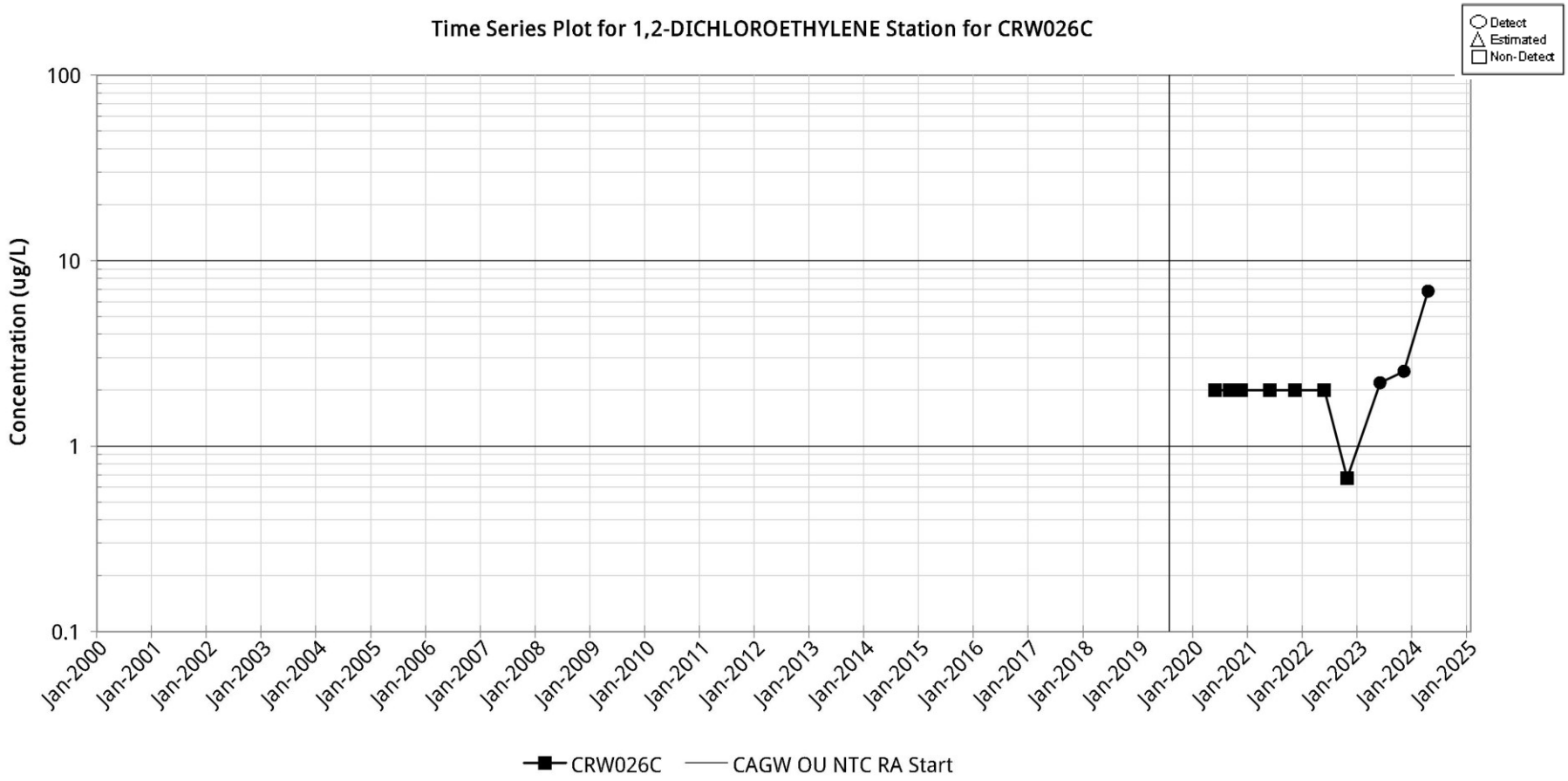

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW026C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW026C
CAGW OU NTC RA Start

Figure C-14

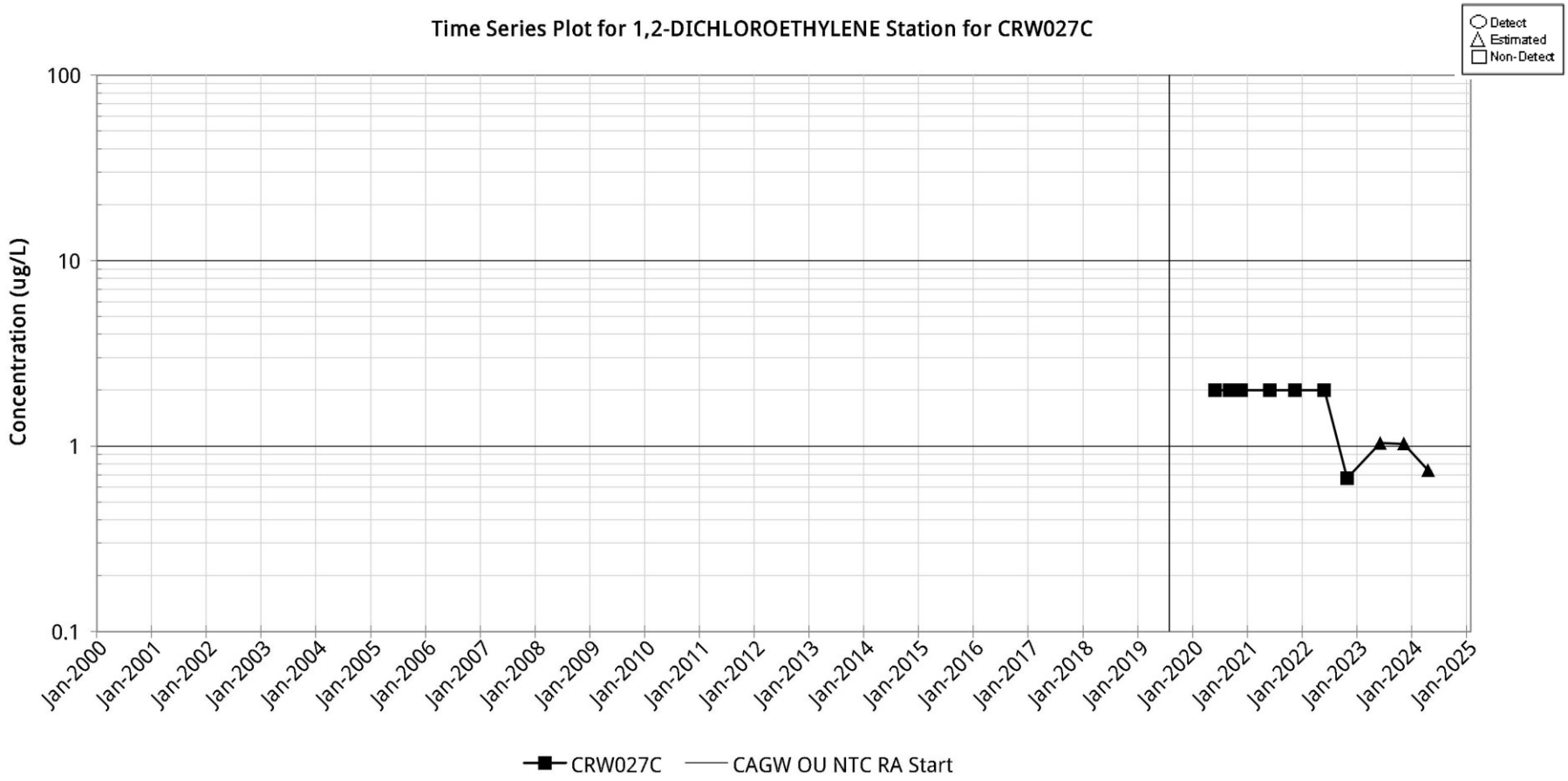

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW027C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW027C
CAGW OU NTC RA Start

Figure C-15

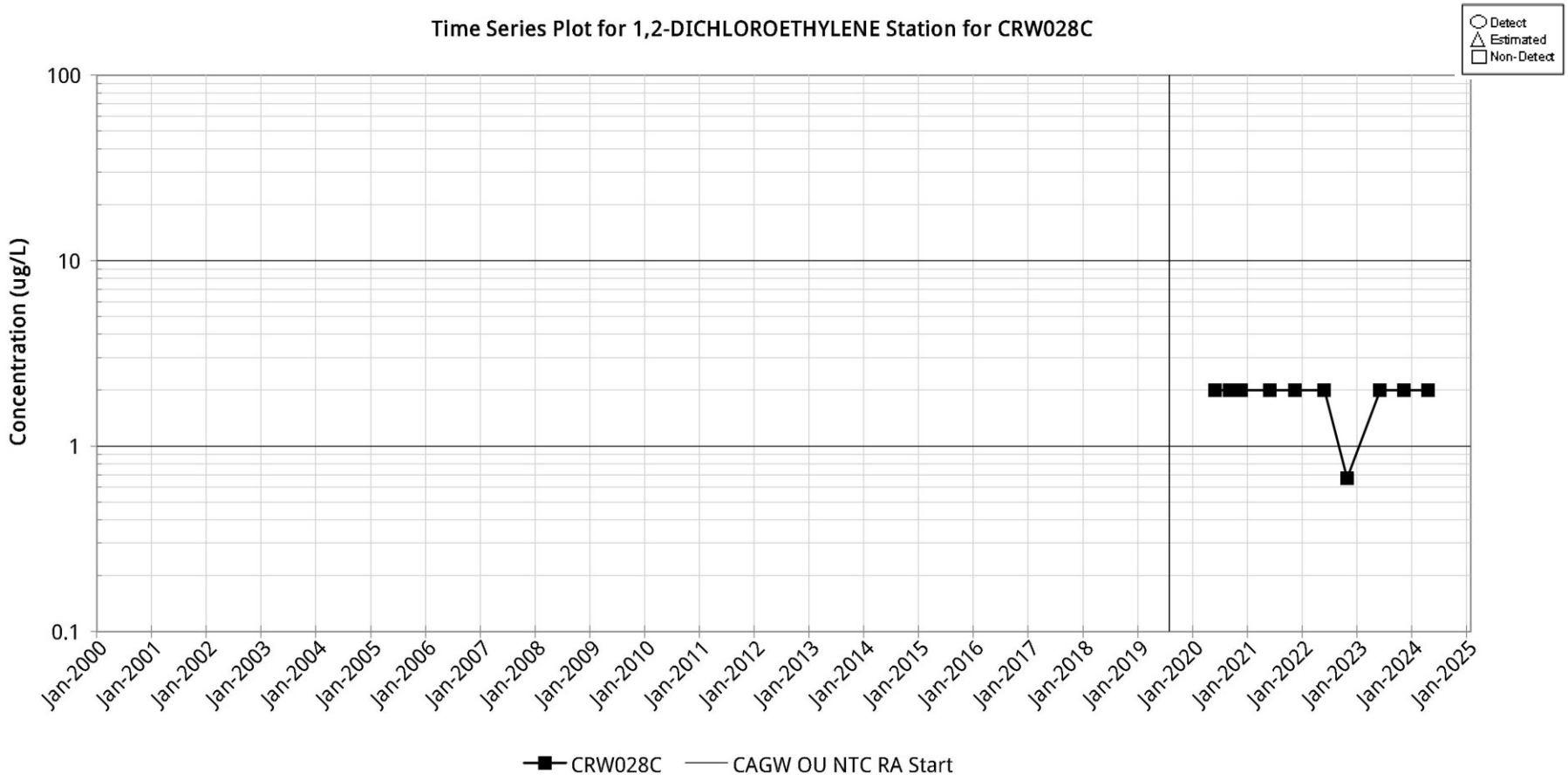

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW028C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW028C
CAGW OU NTC RA Start

Figure C-16

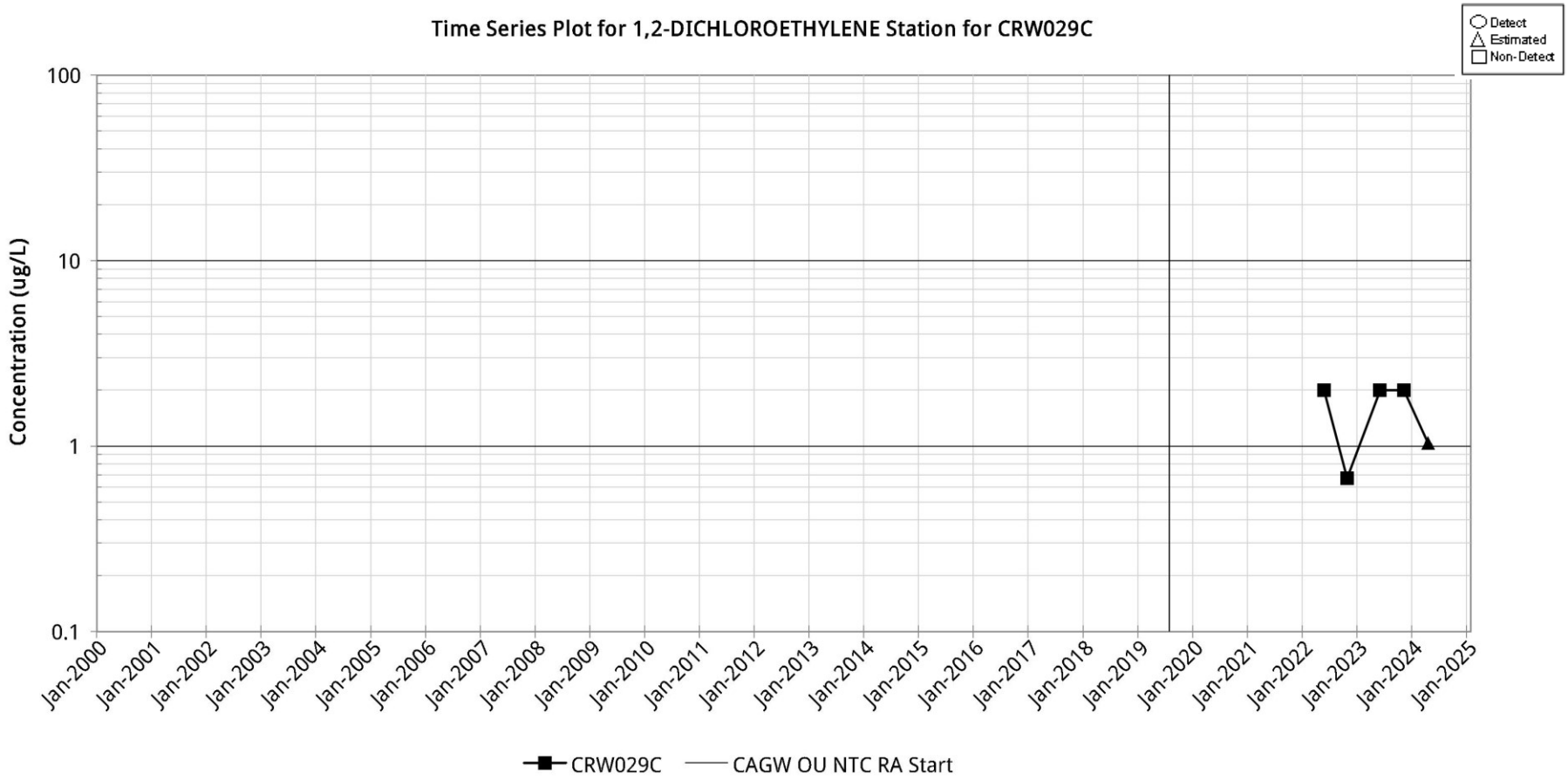

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW029C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW029C
CAGW OU NTC RA Start

Figure C-17

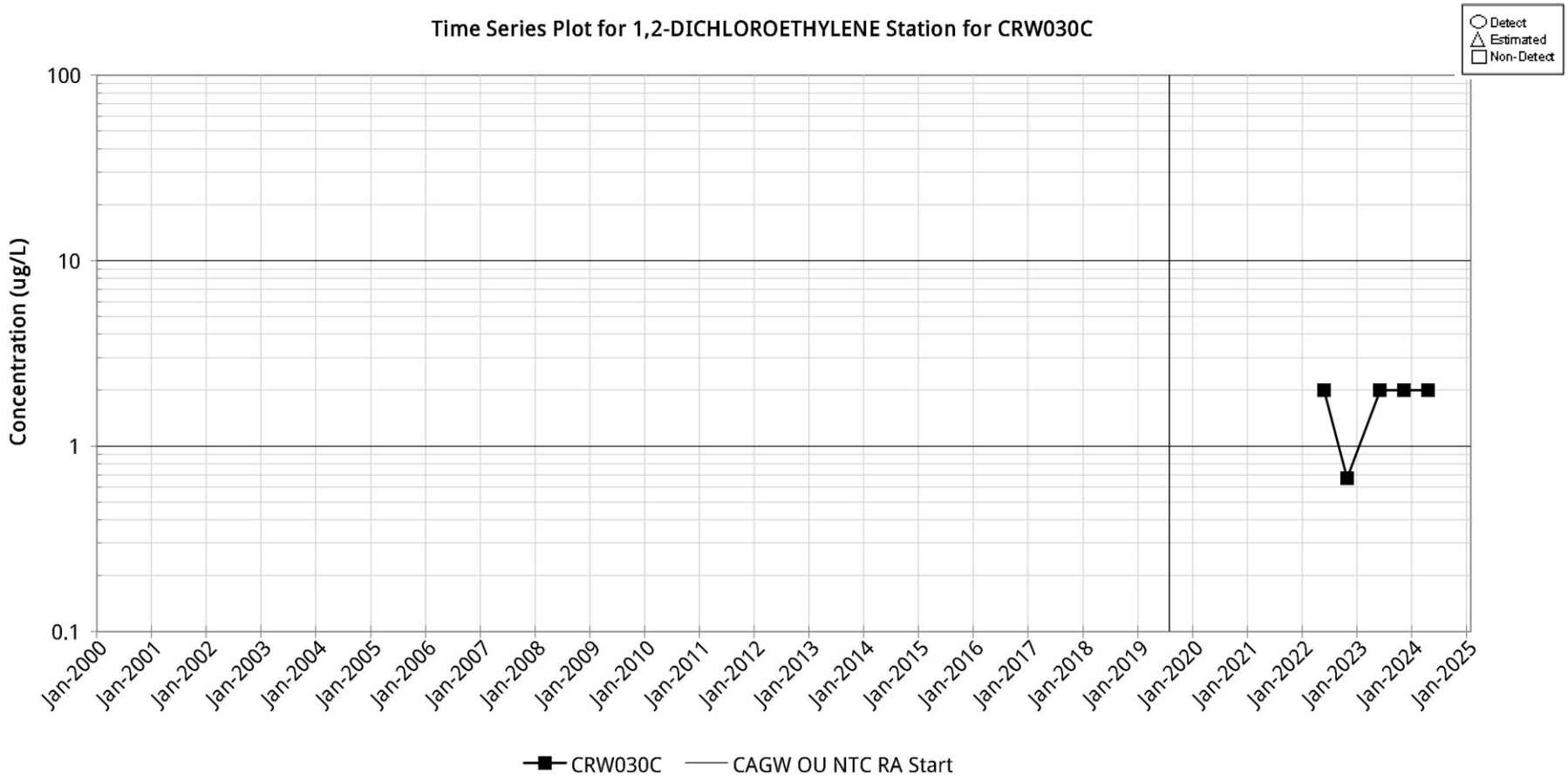

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW030C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW030C
CAGW OU NTC RA Start

Figure C-18

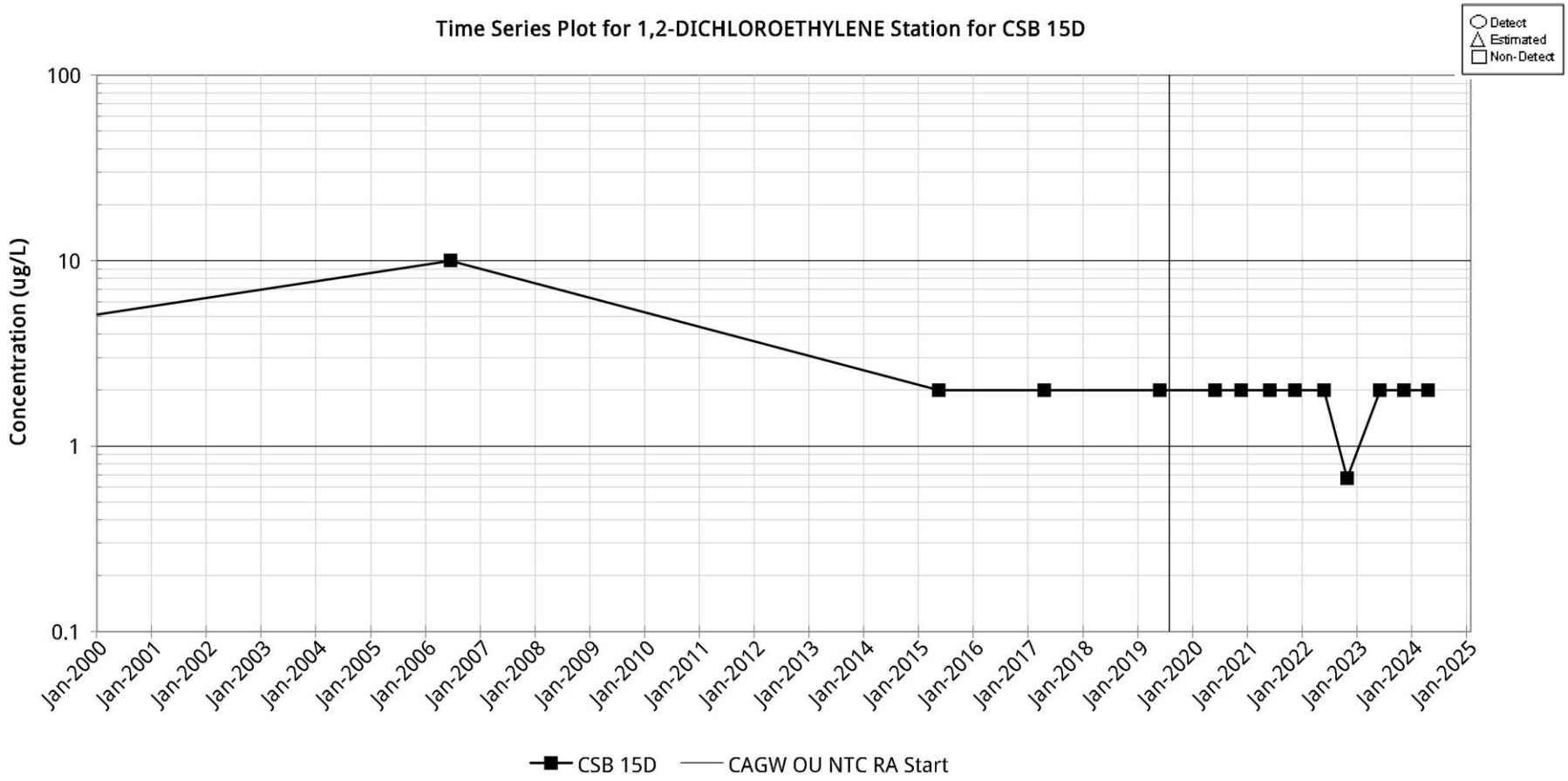

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CSB 15D
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB 15D
CAGW OU NTC RA Start

Figure C-19

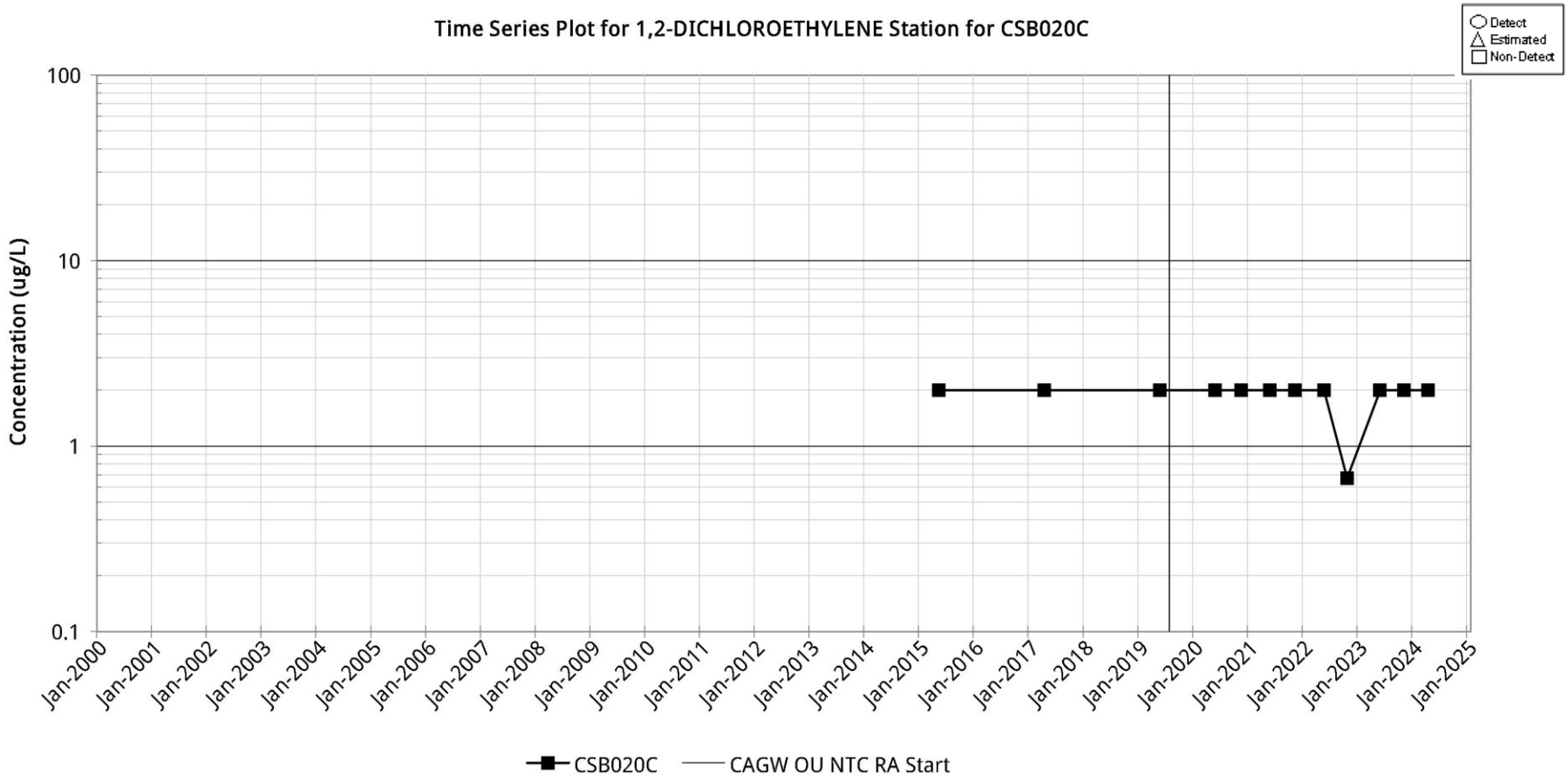

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CSB020C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB020C
CAGW OU NTC RA Start

Figure C-20

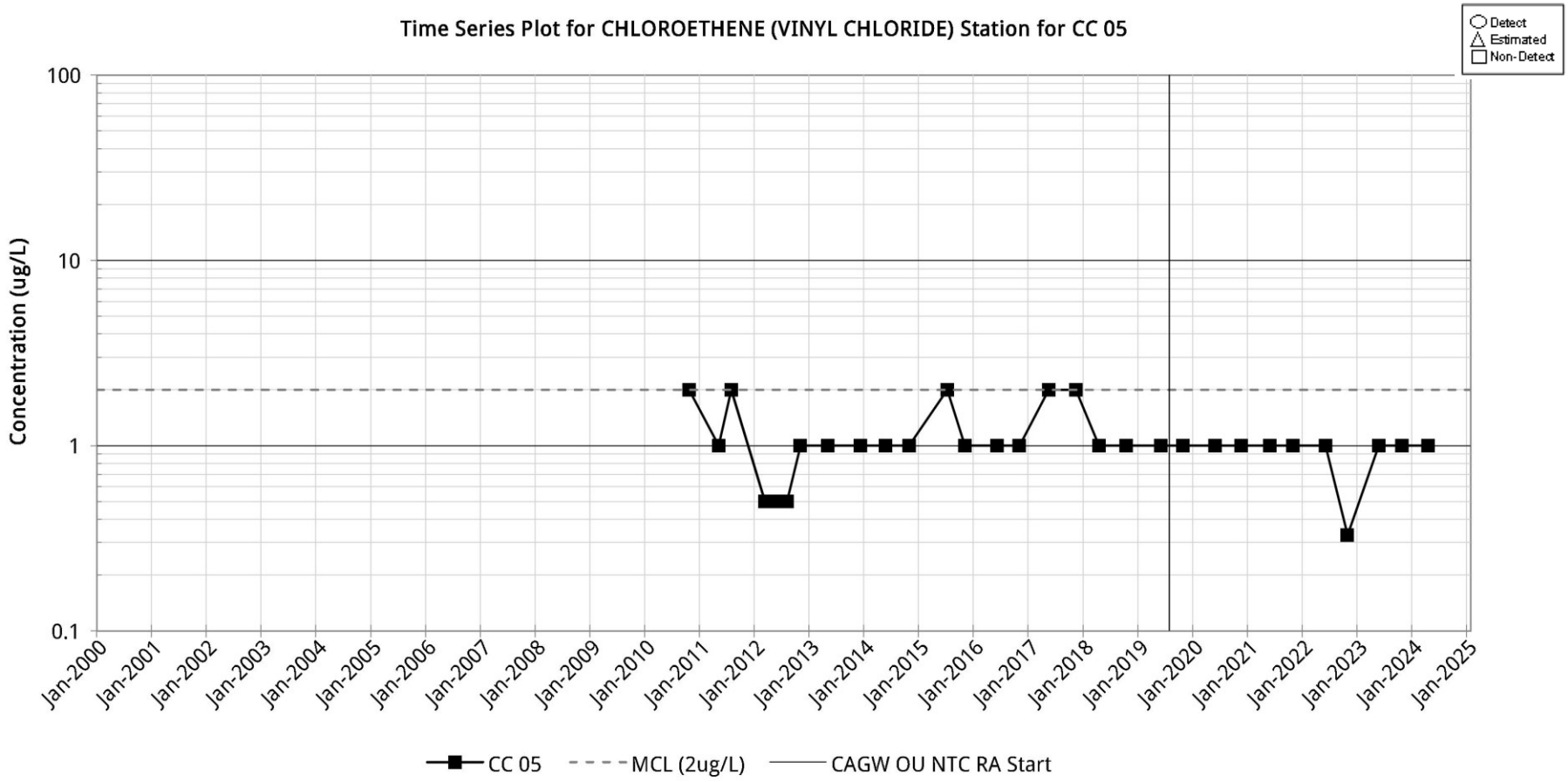

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CC 05
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 05
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-21

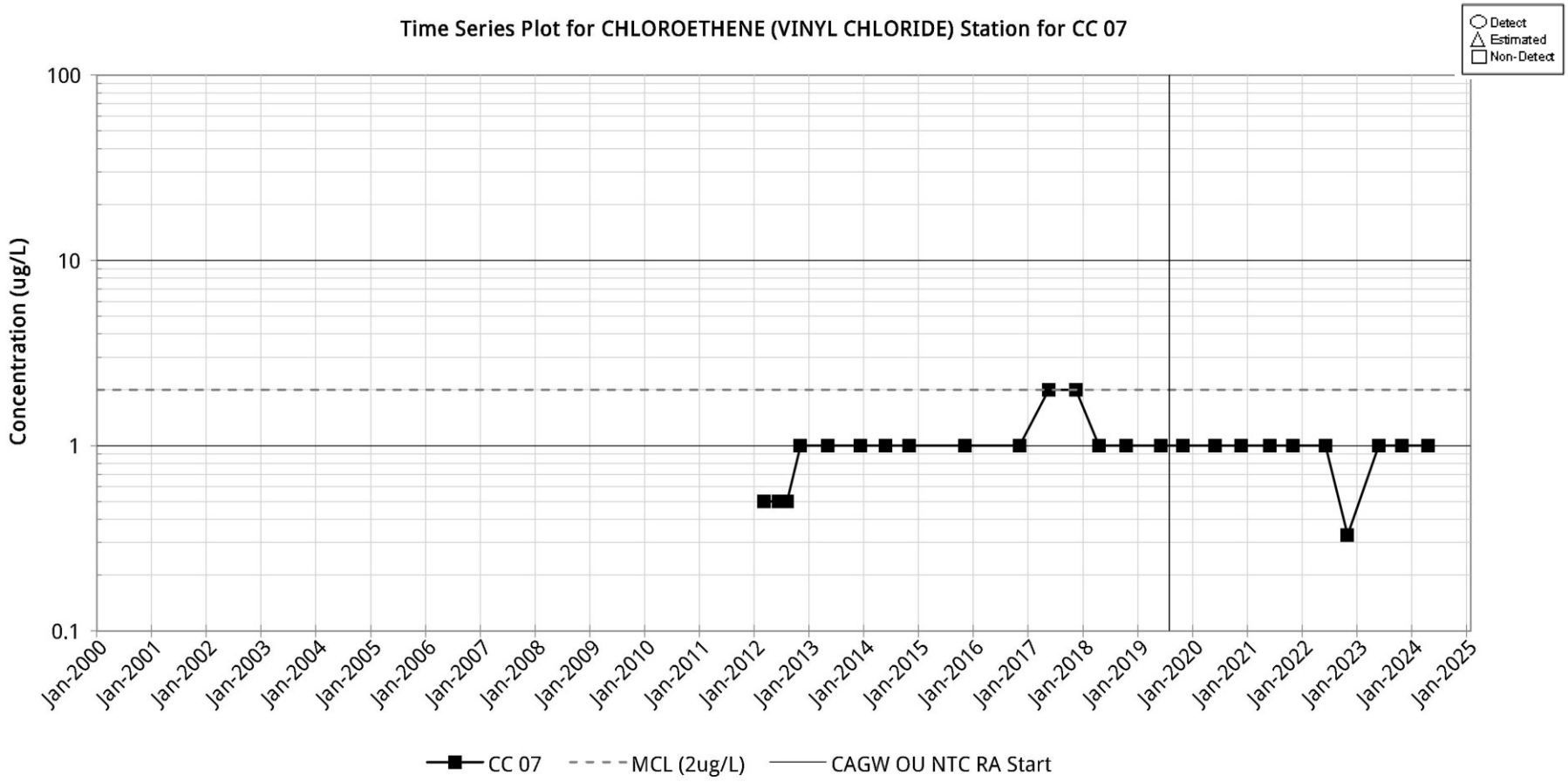

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CC 07
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 07
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-22

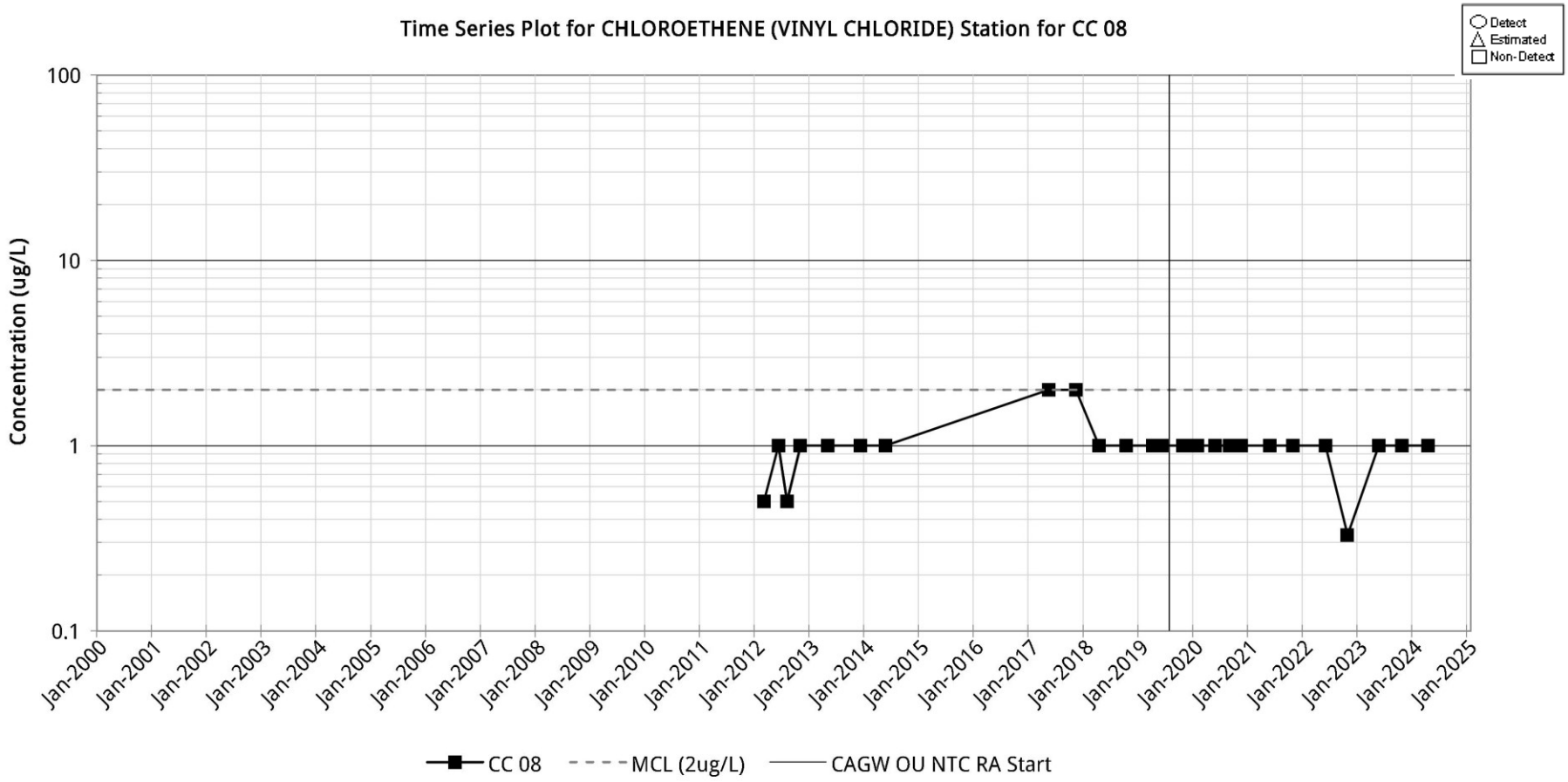

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CC 08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 08
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-23

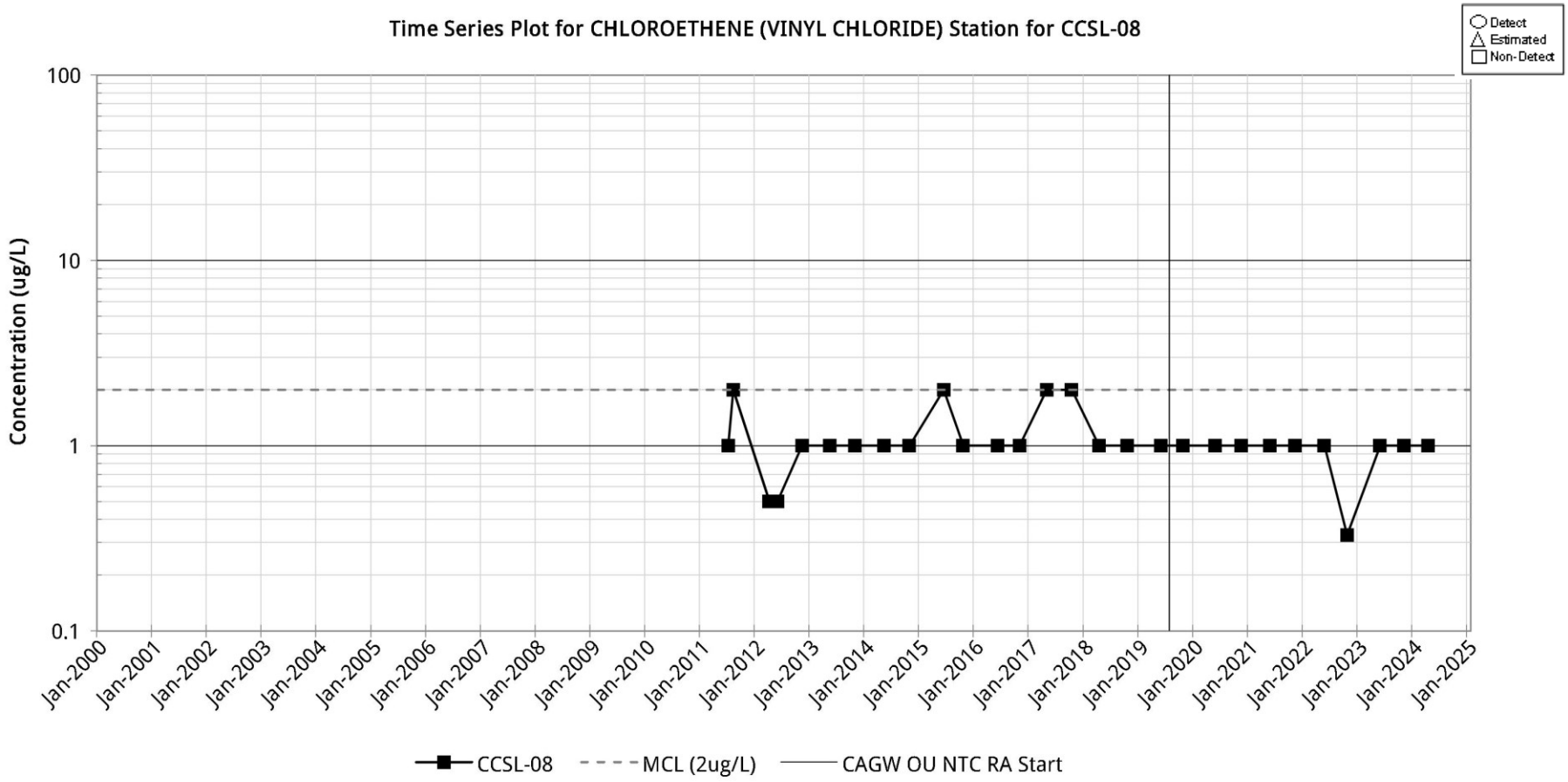

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCSL-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-08
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-24

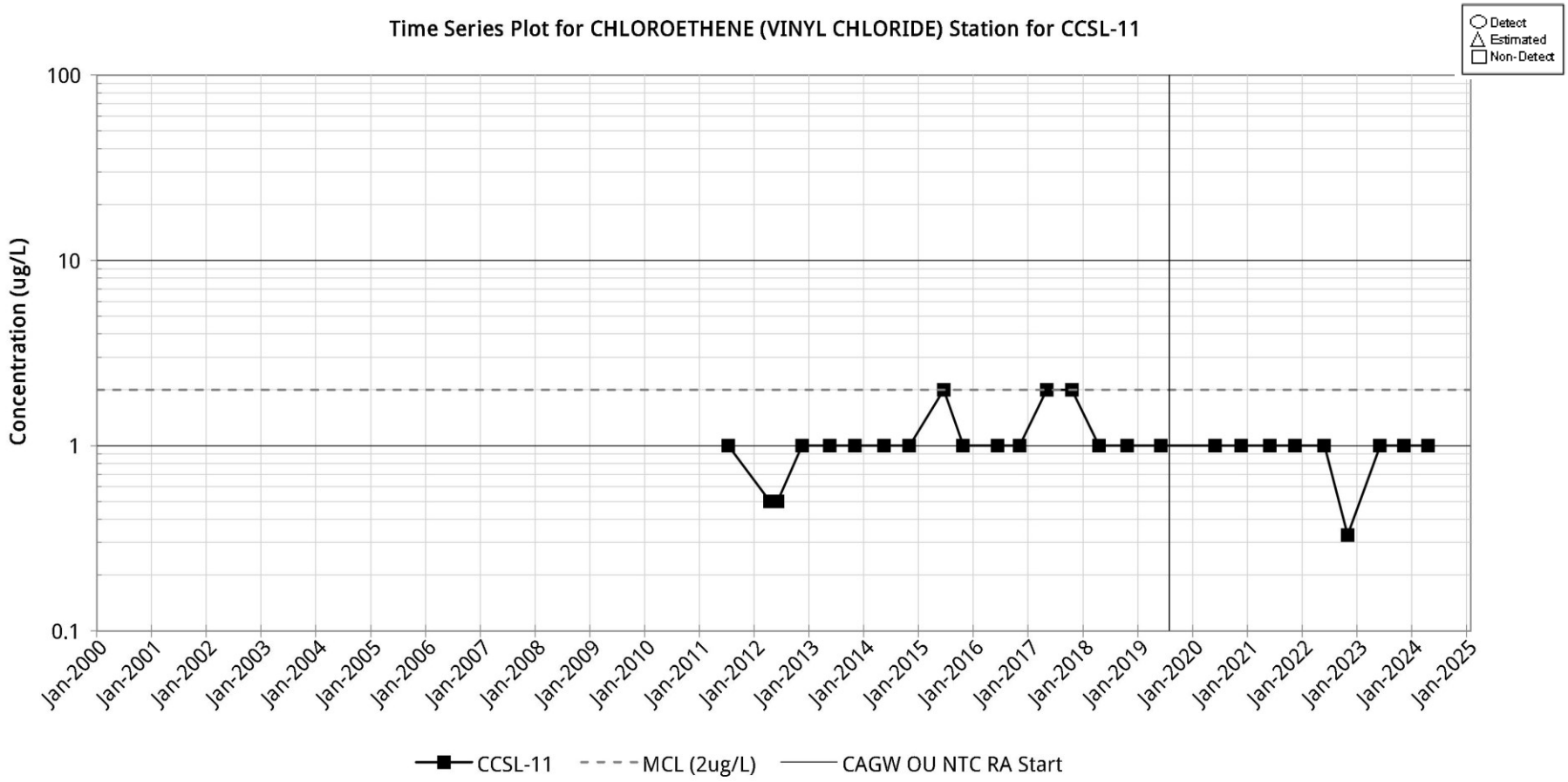

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCSL-11
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-11
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-25

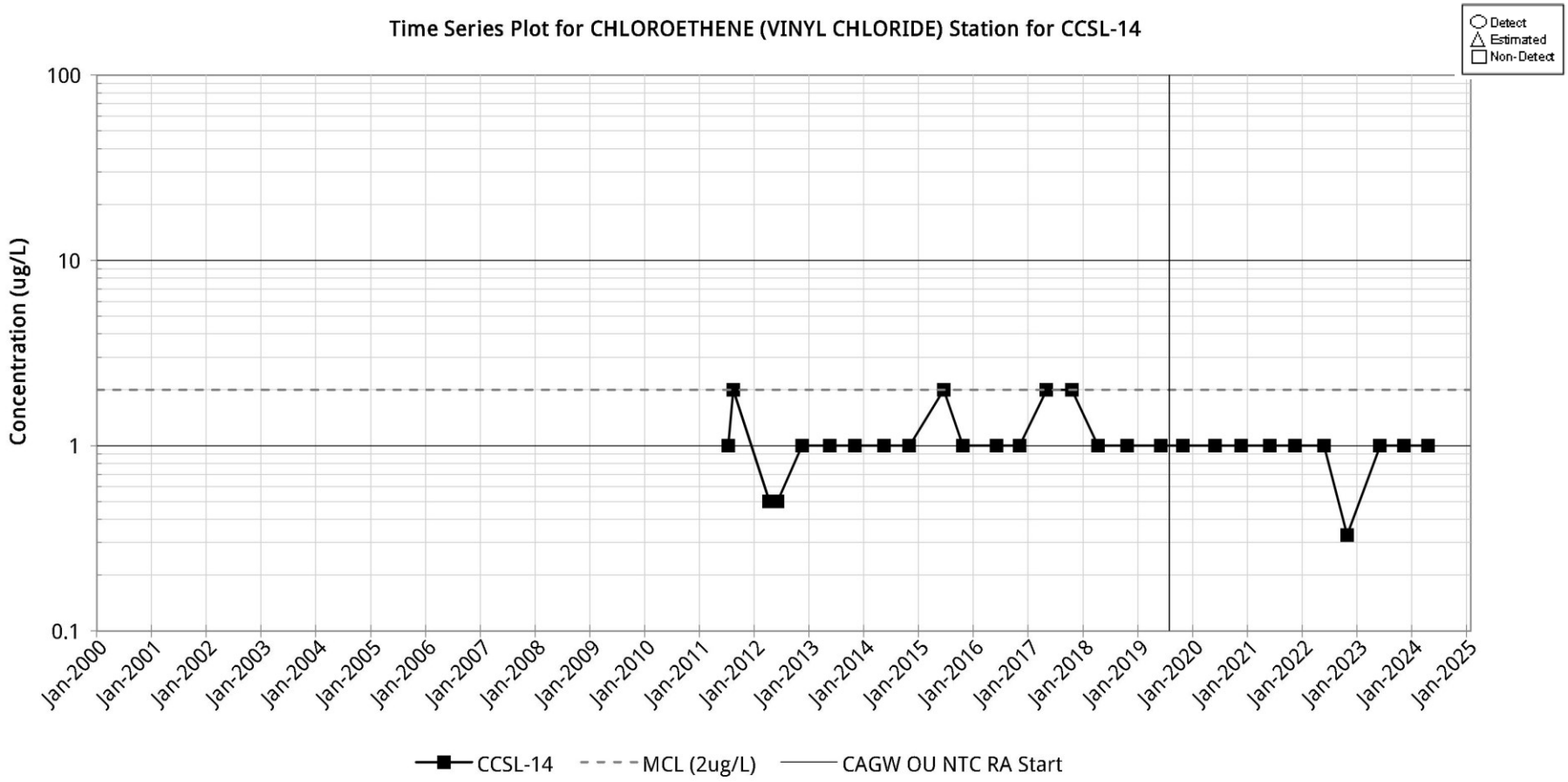

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCSL-14
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-14
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-26

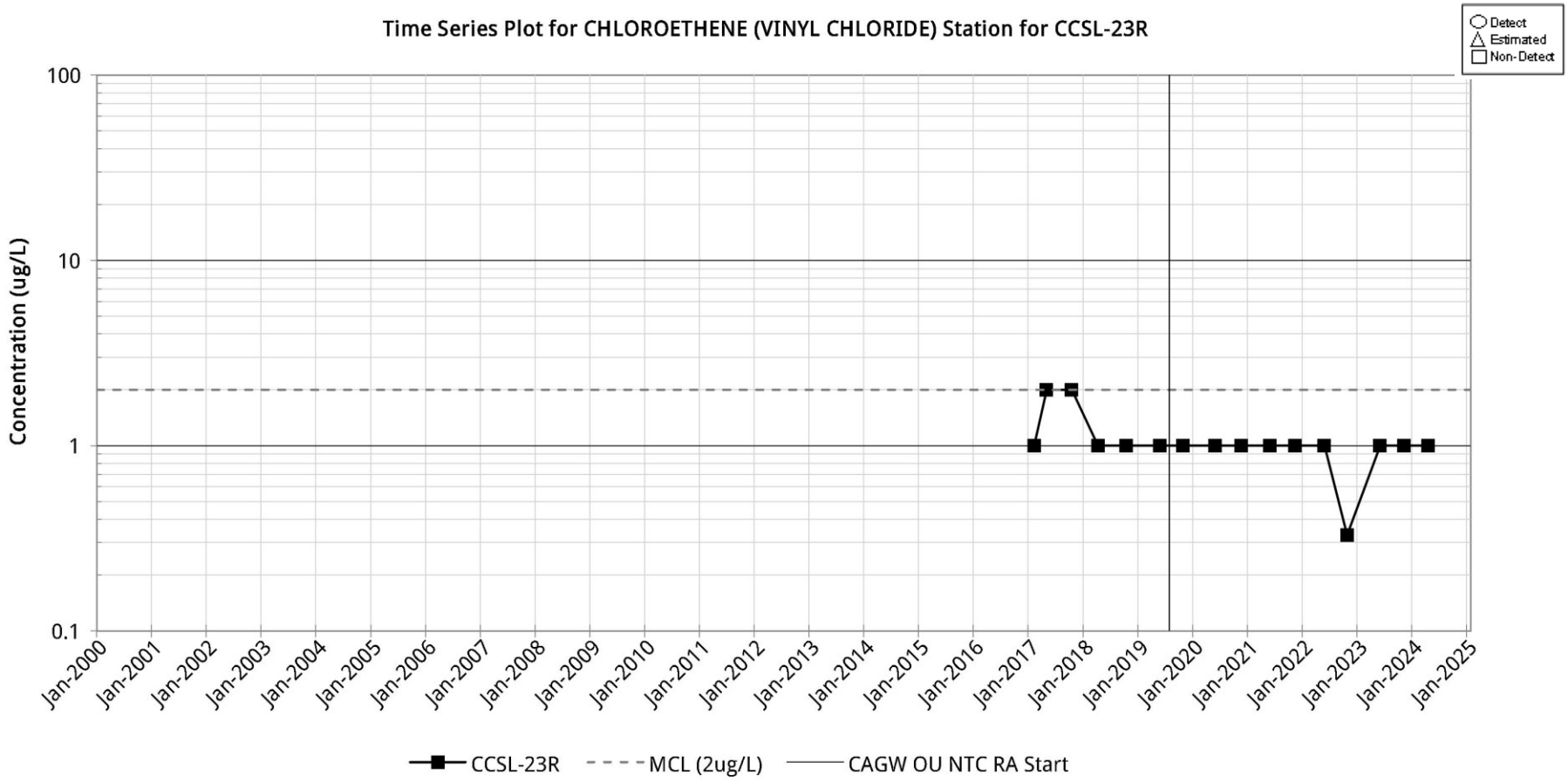

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCSL-23R
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-23R
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-27

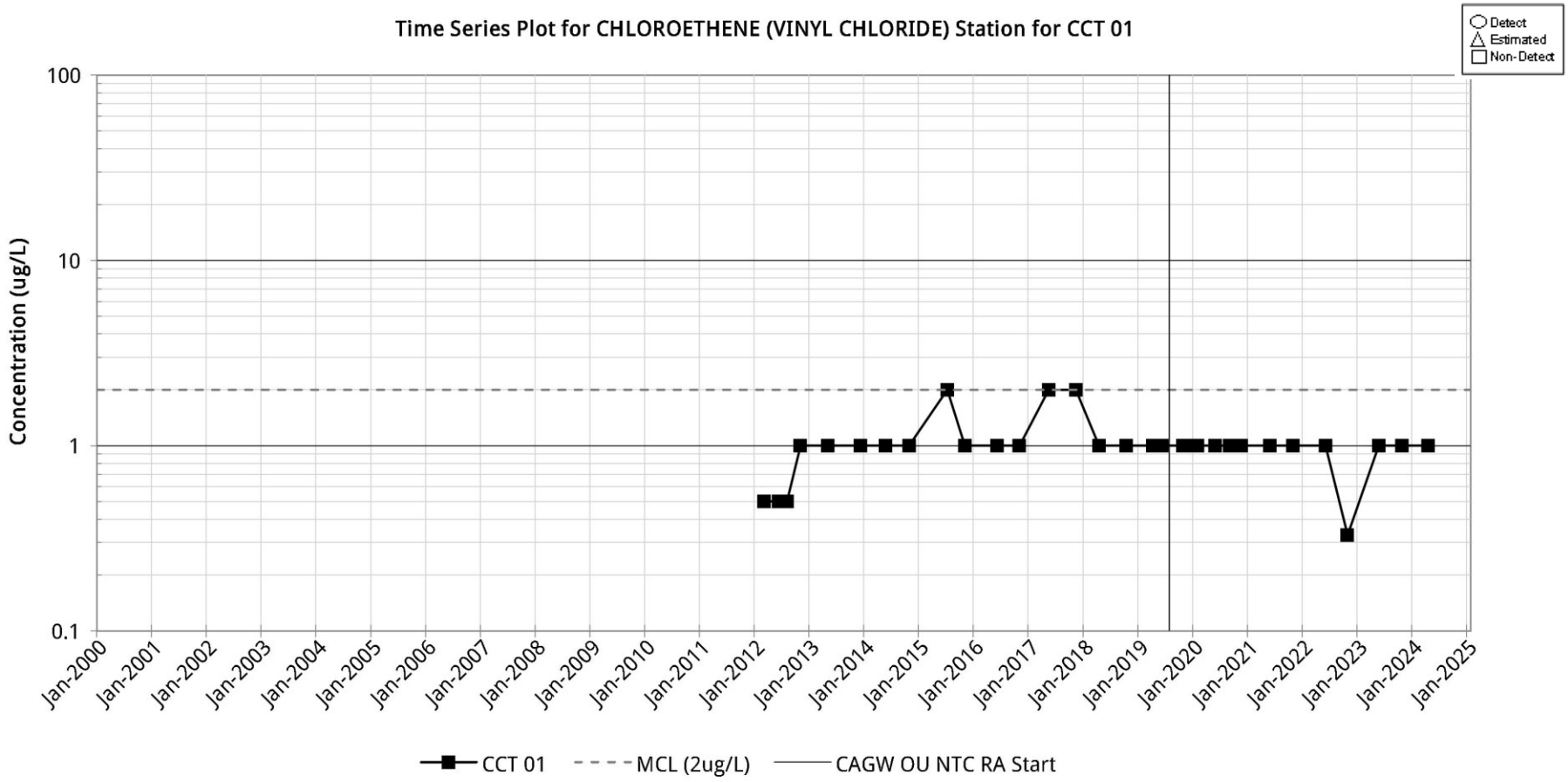

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCT 01
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 01
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-28

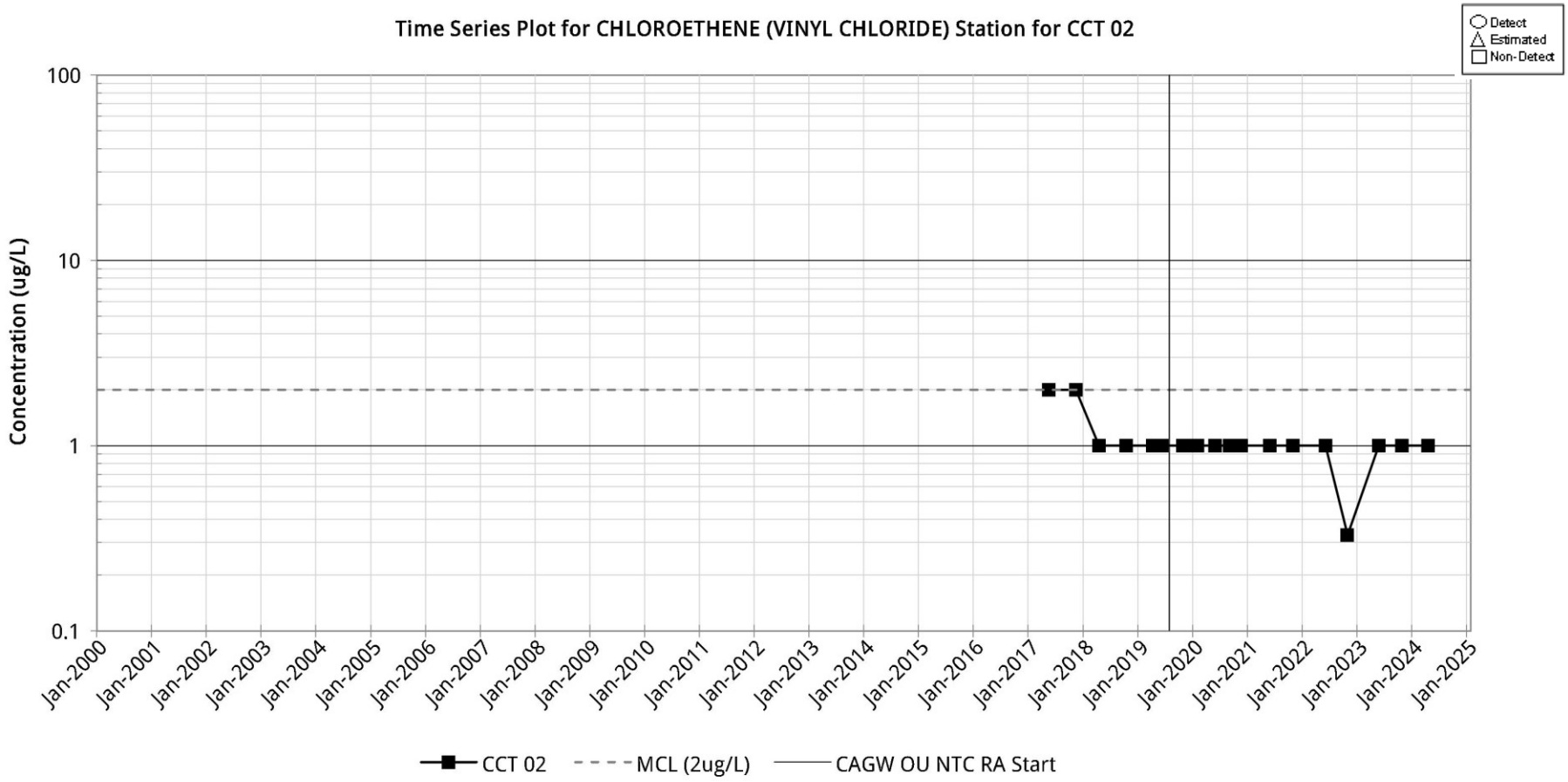

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCT 02
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 02
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-29

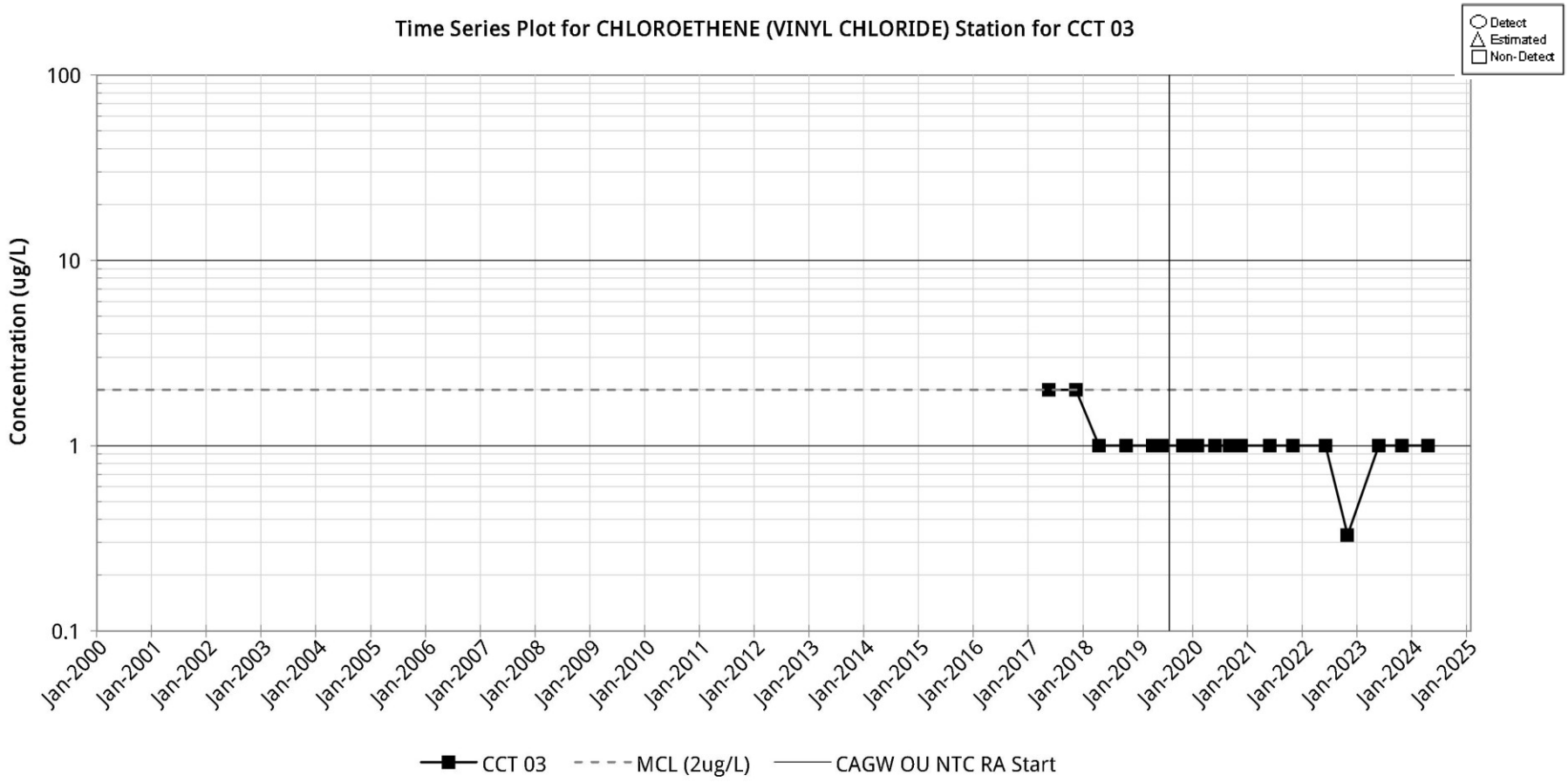

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCT 03
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 03
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-30

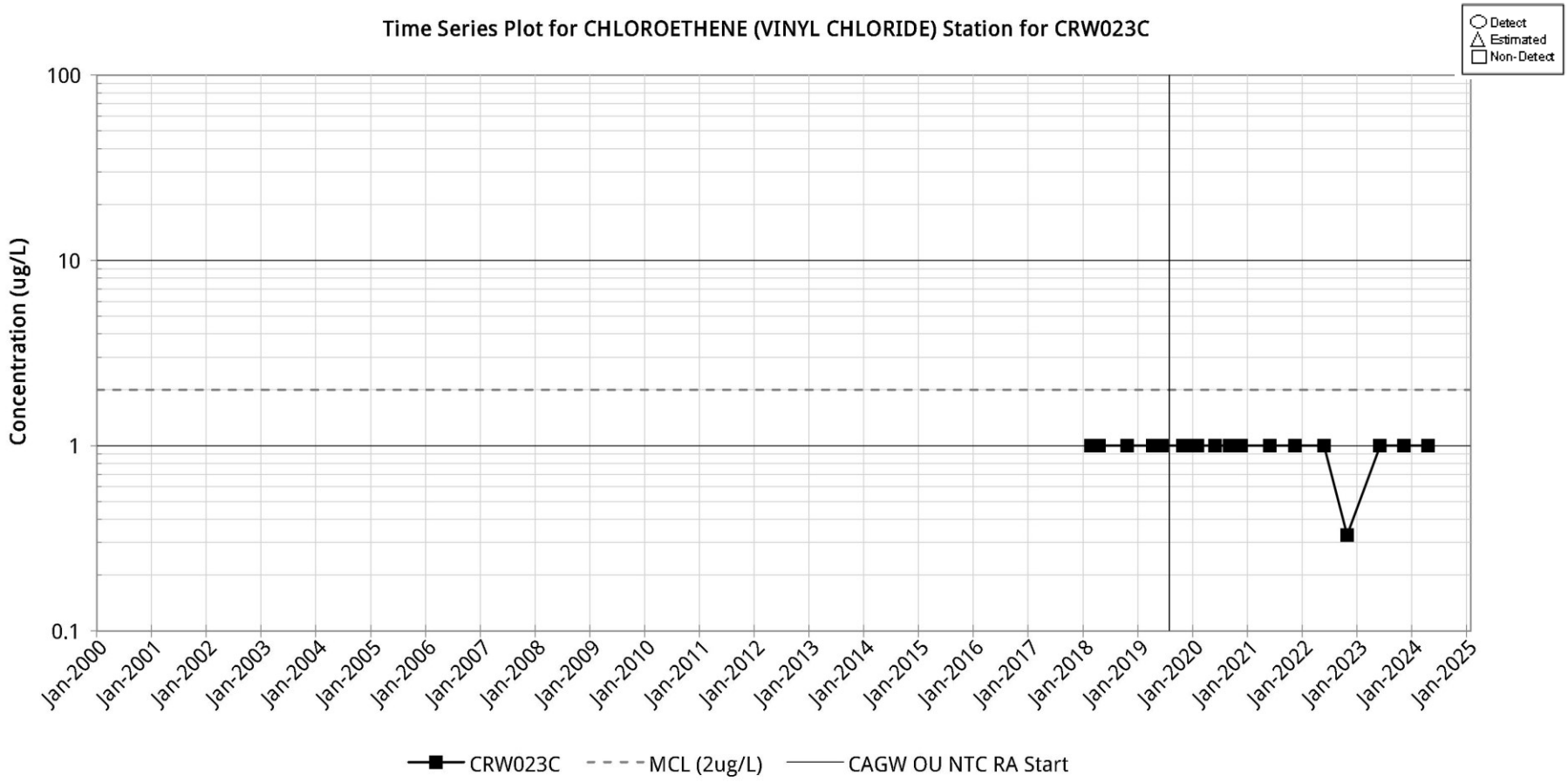

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW023C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW023C
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-31

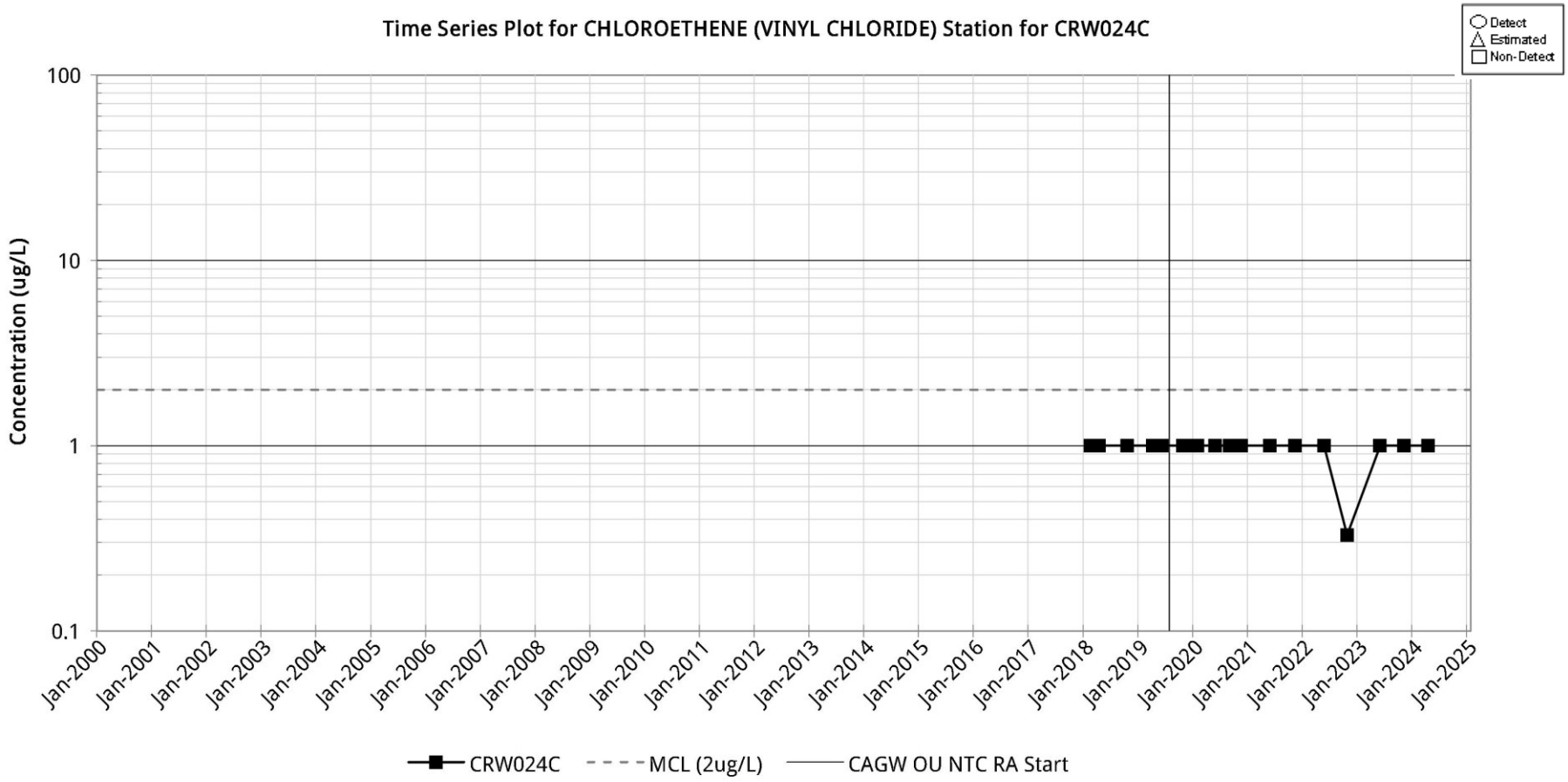

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW024C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW024C
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-32

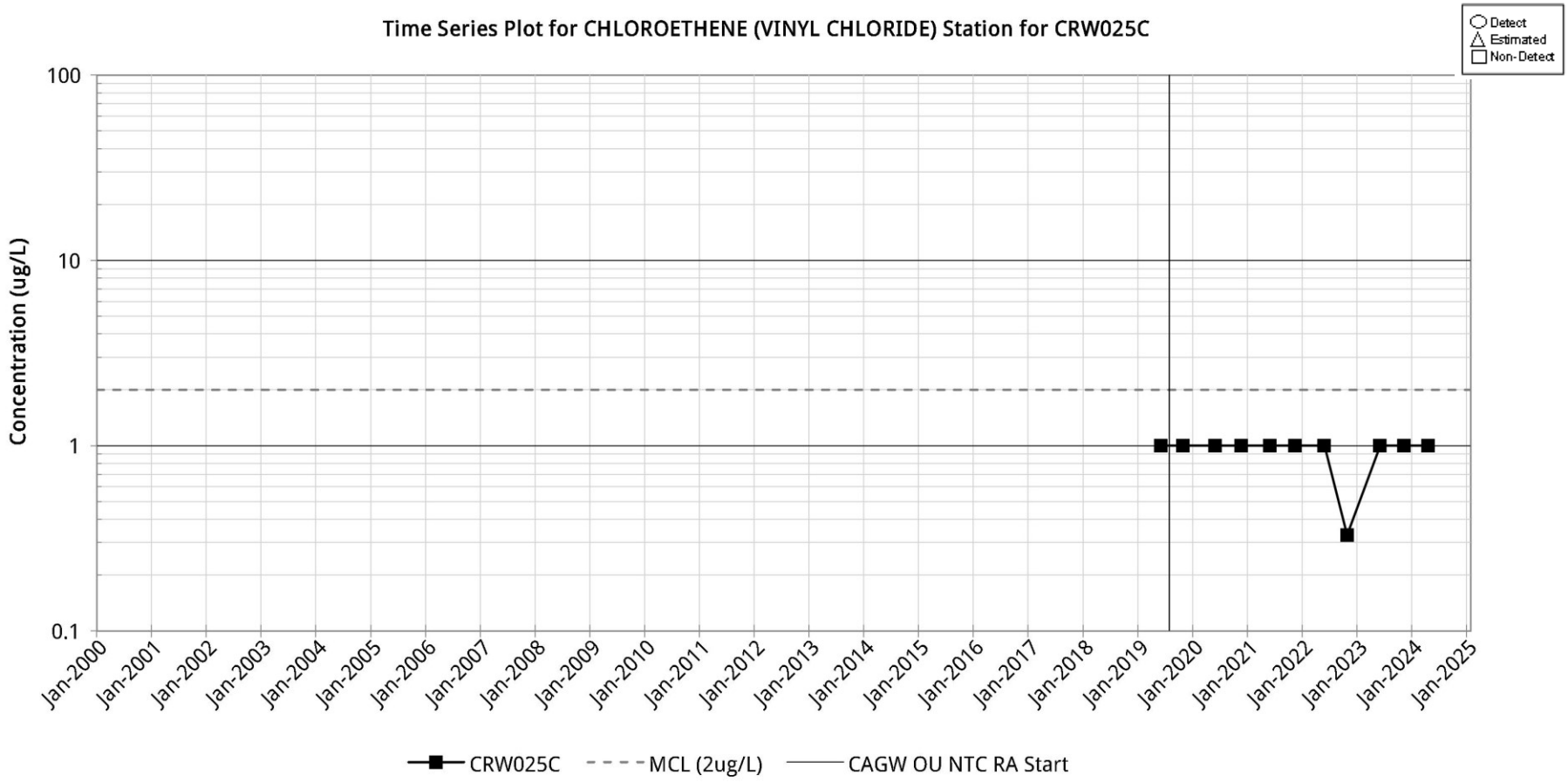

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW025C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW025C
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-33

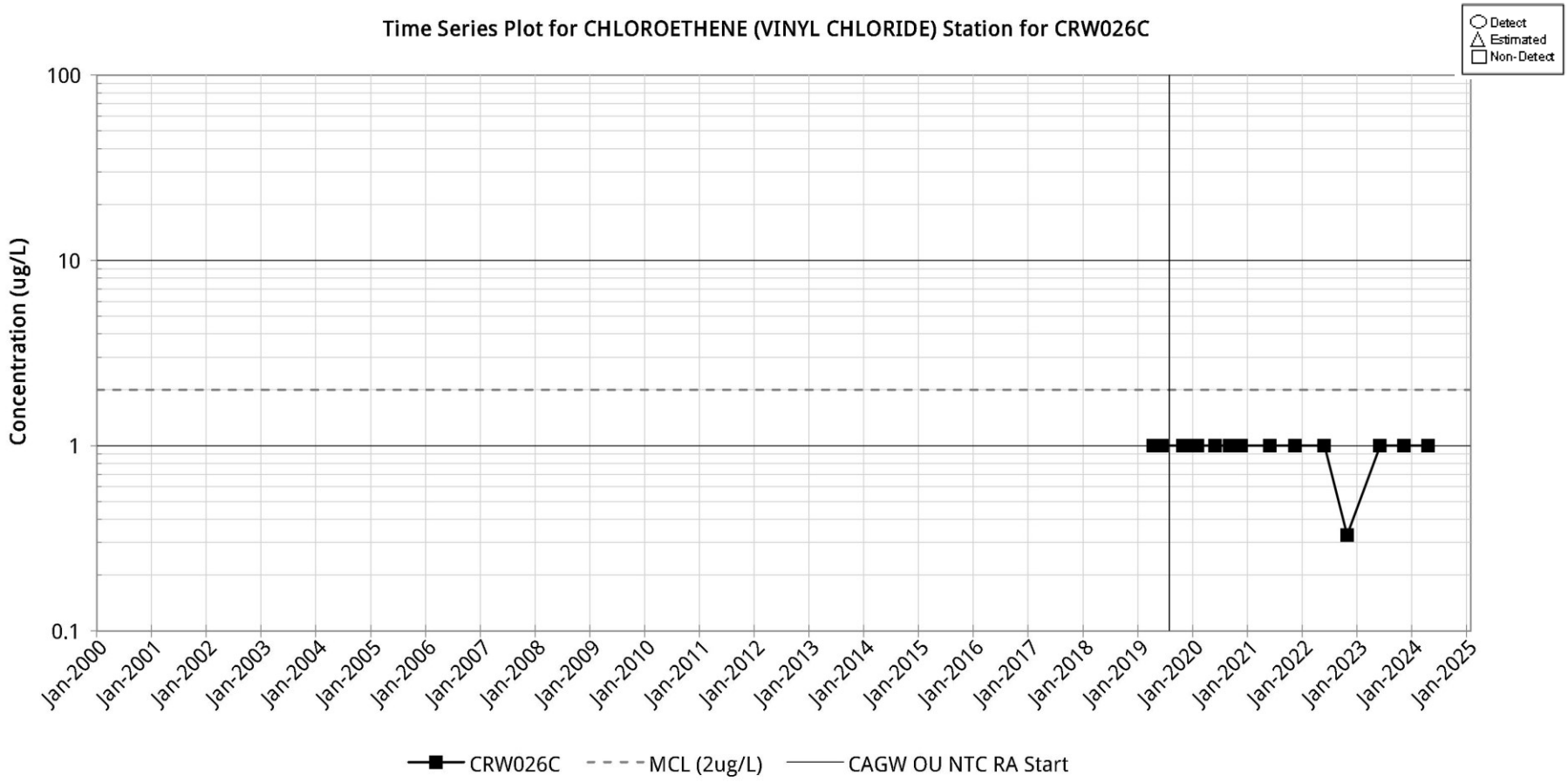

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW026C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW026C
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-34

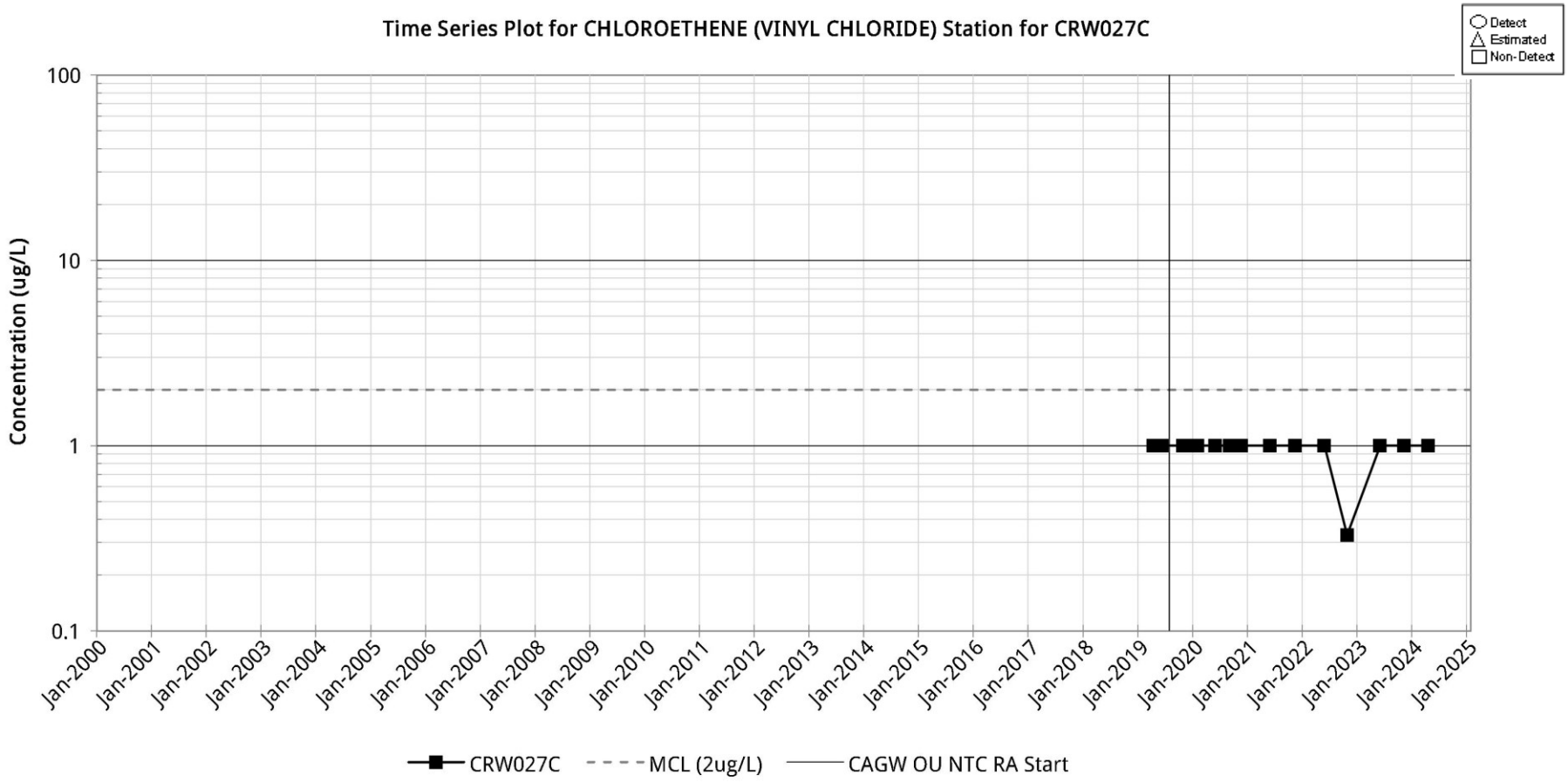

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW027C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW027C
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-35

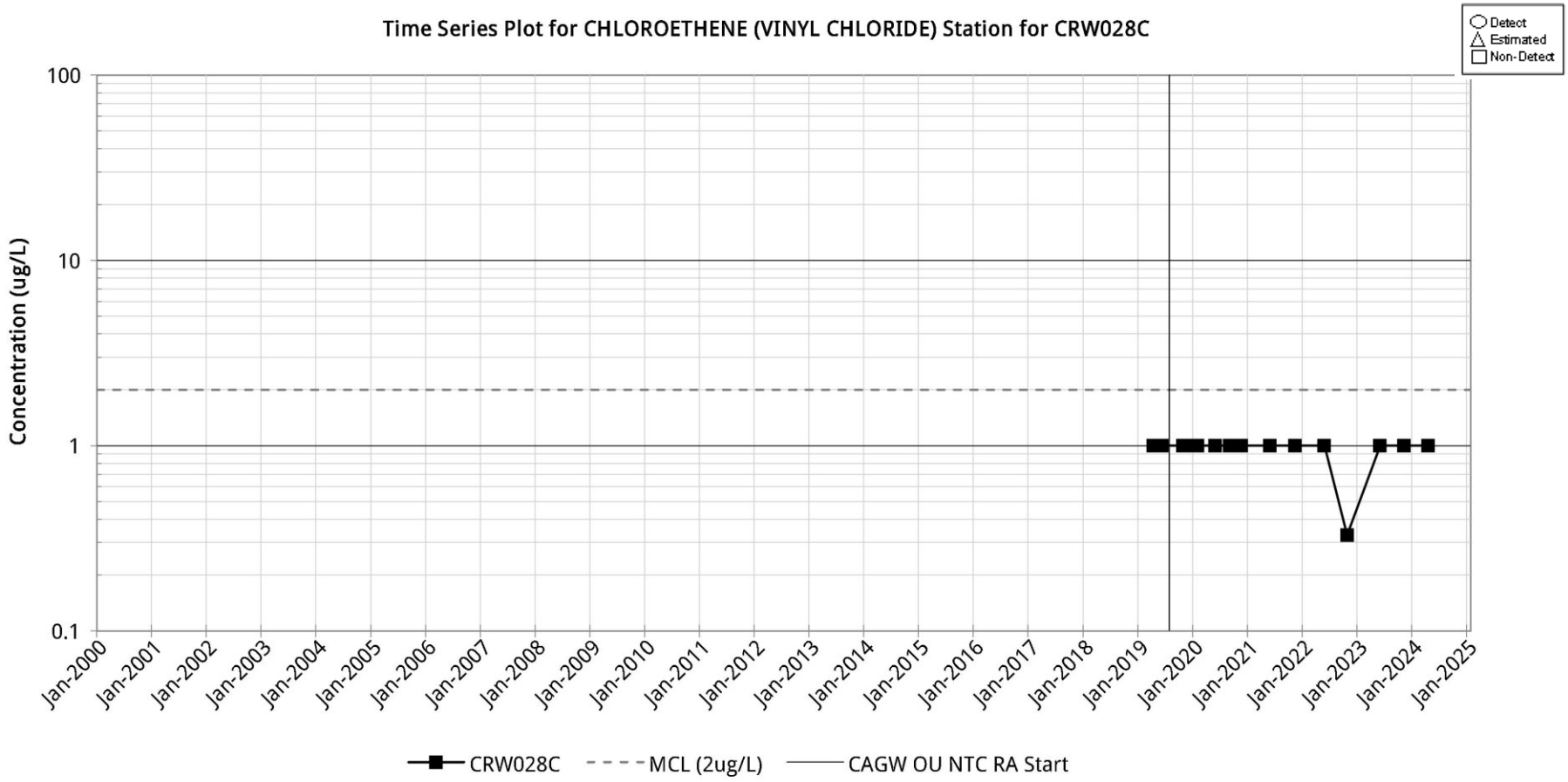

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW028C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW028C
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-36

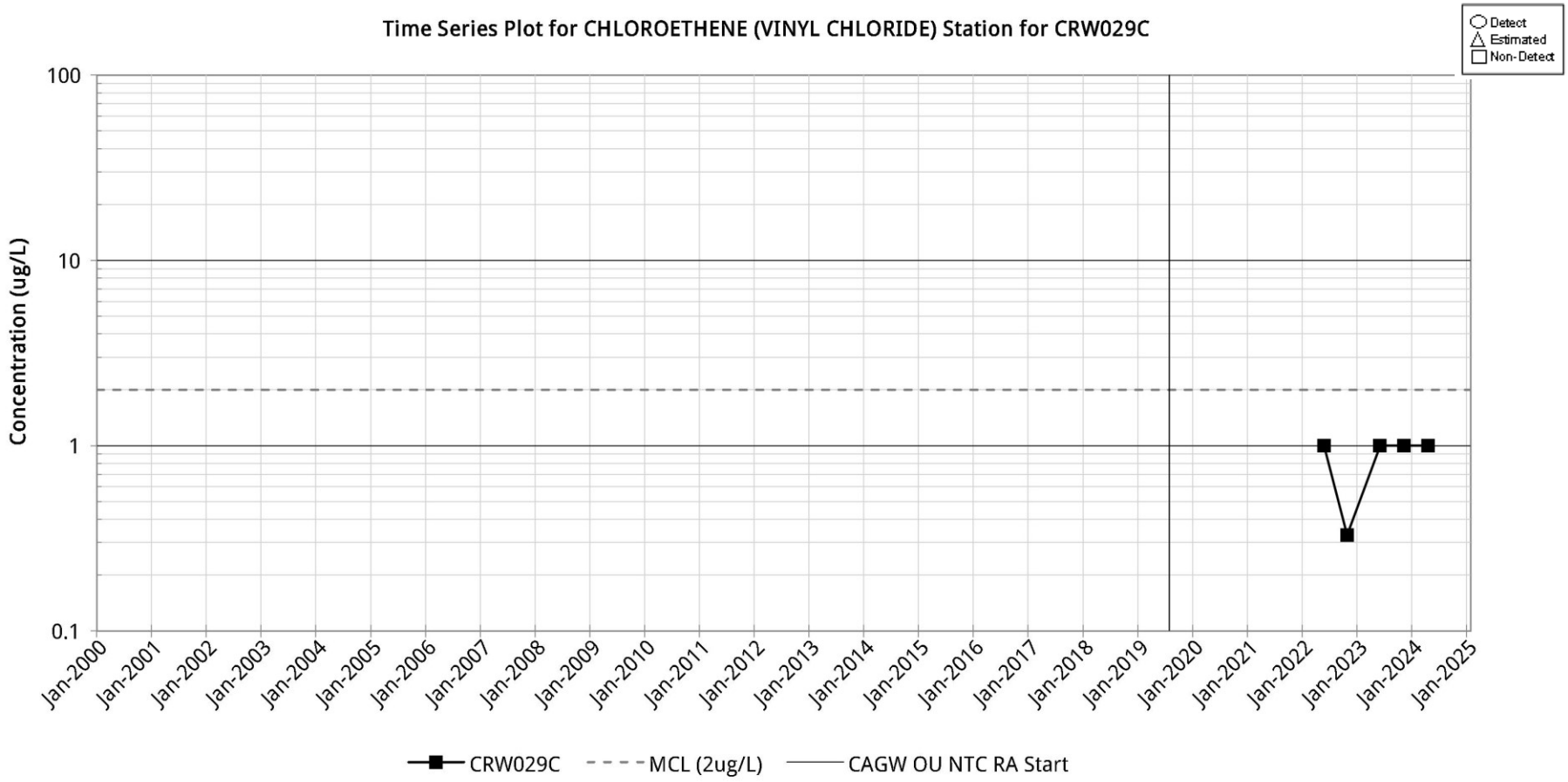

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW029C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW029C
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-37

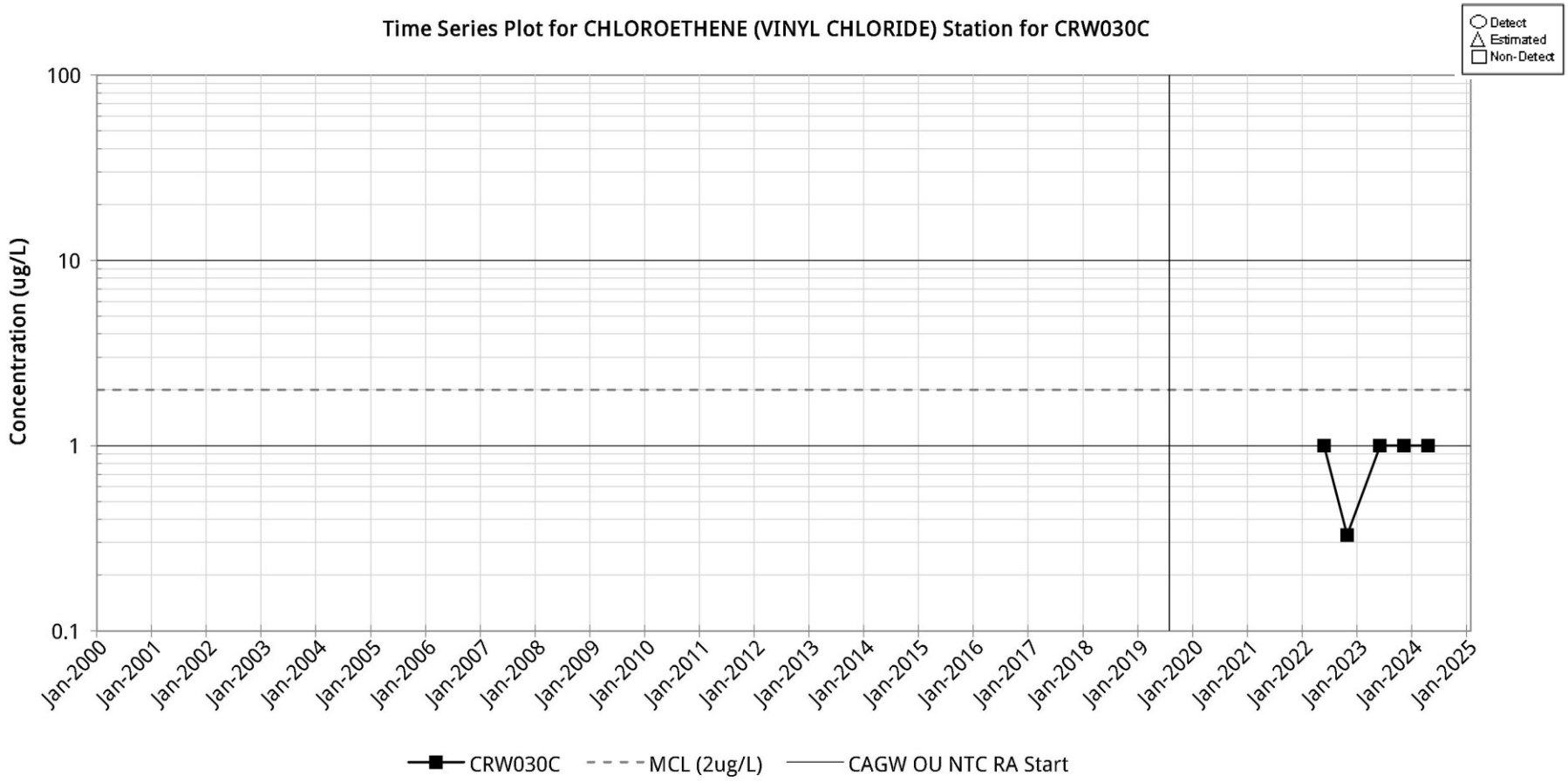

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW030C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW030C
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-38

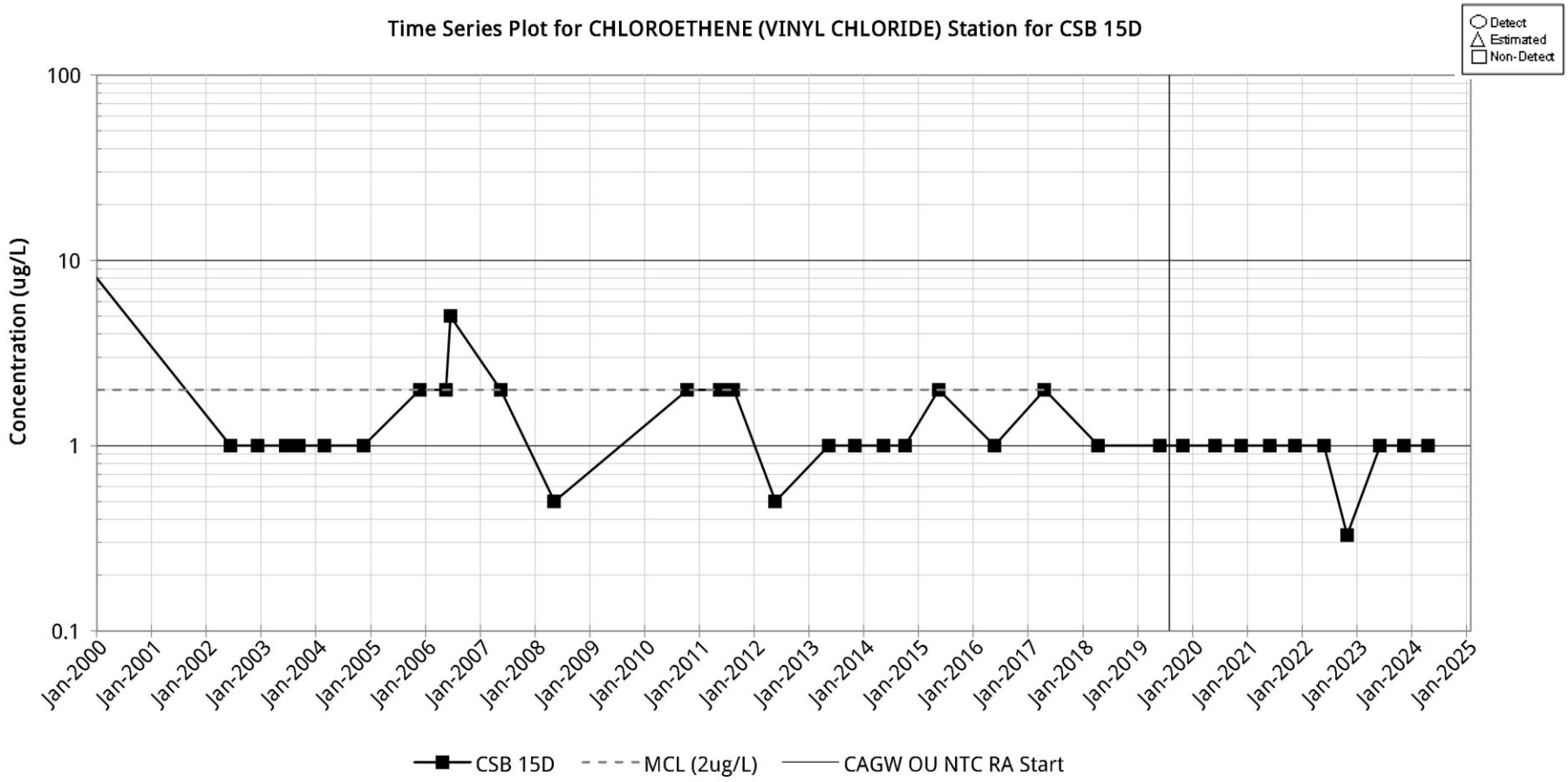

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CSB 15D
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB 15D
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-39

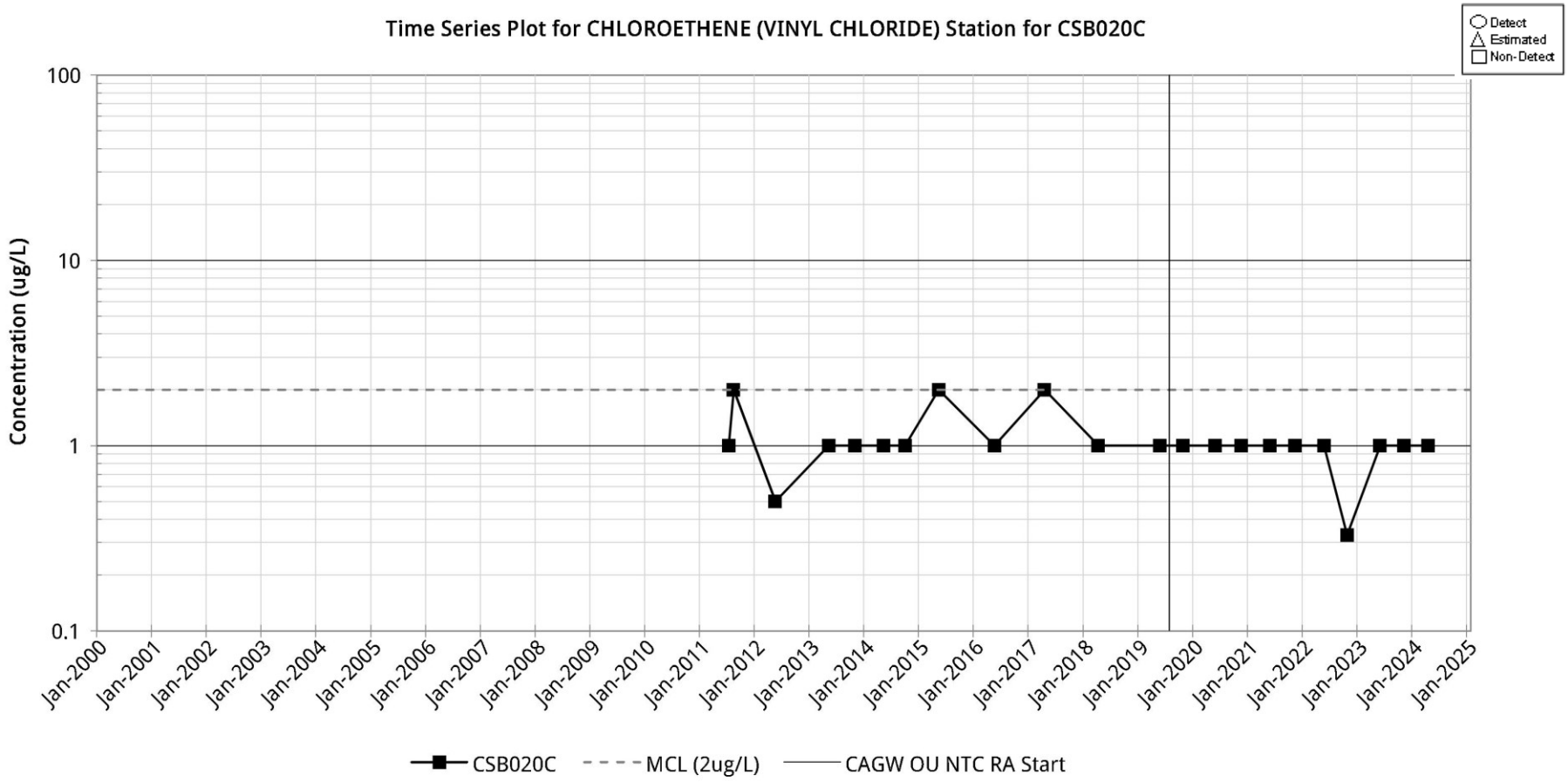

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CSB020C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB020C
MCL (2ug/L)
CAGW OU NTC RA Start

Figure C-40

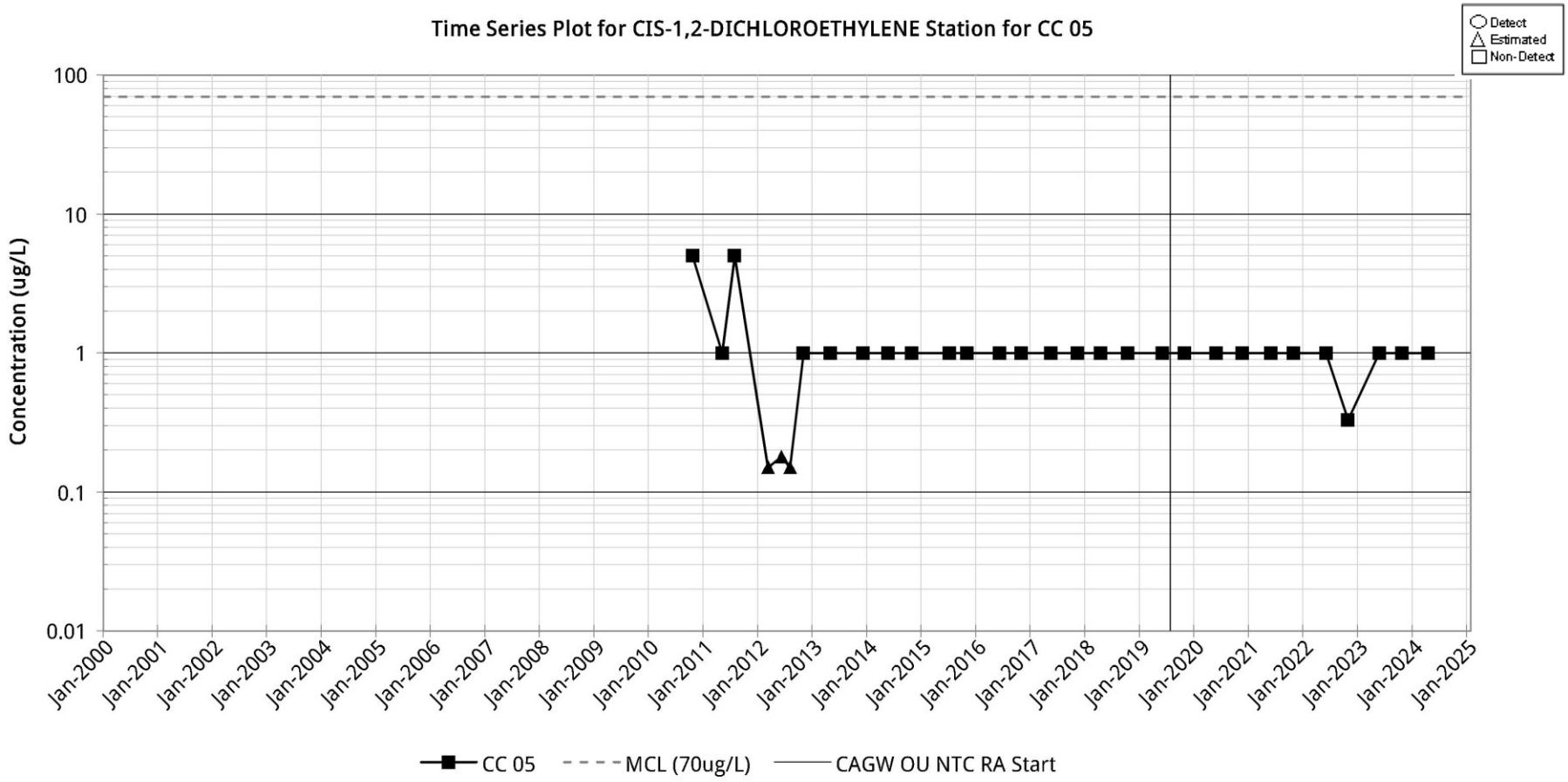

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CC 05
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 05
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-41

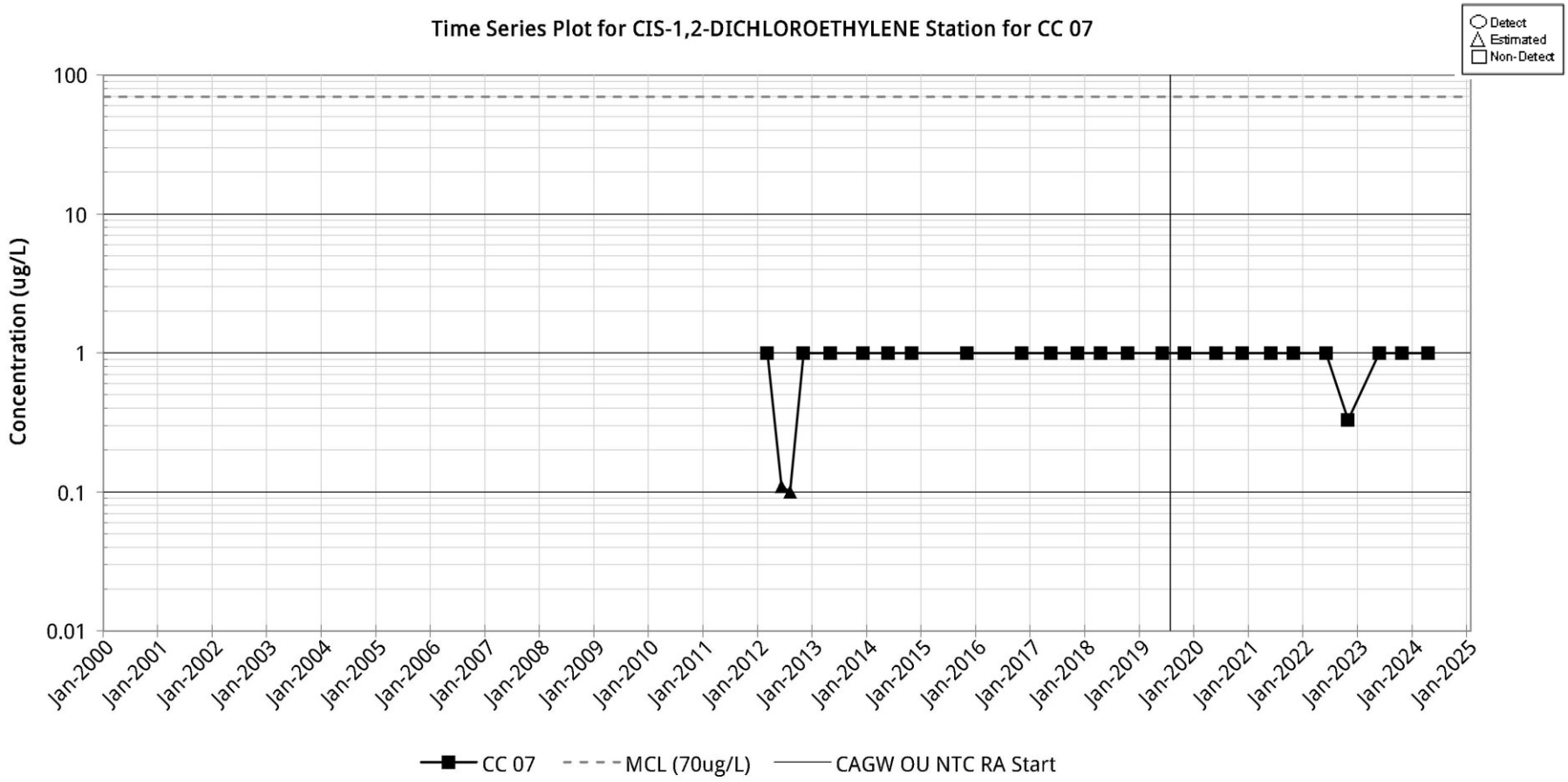

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CC 07
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 07
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-42

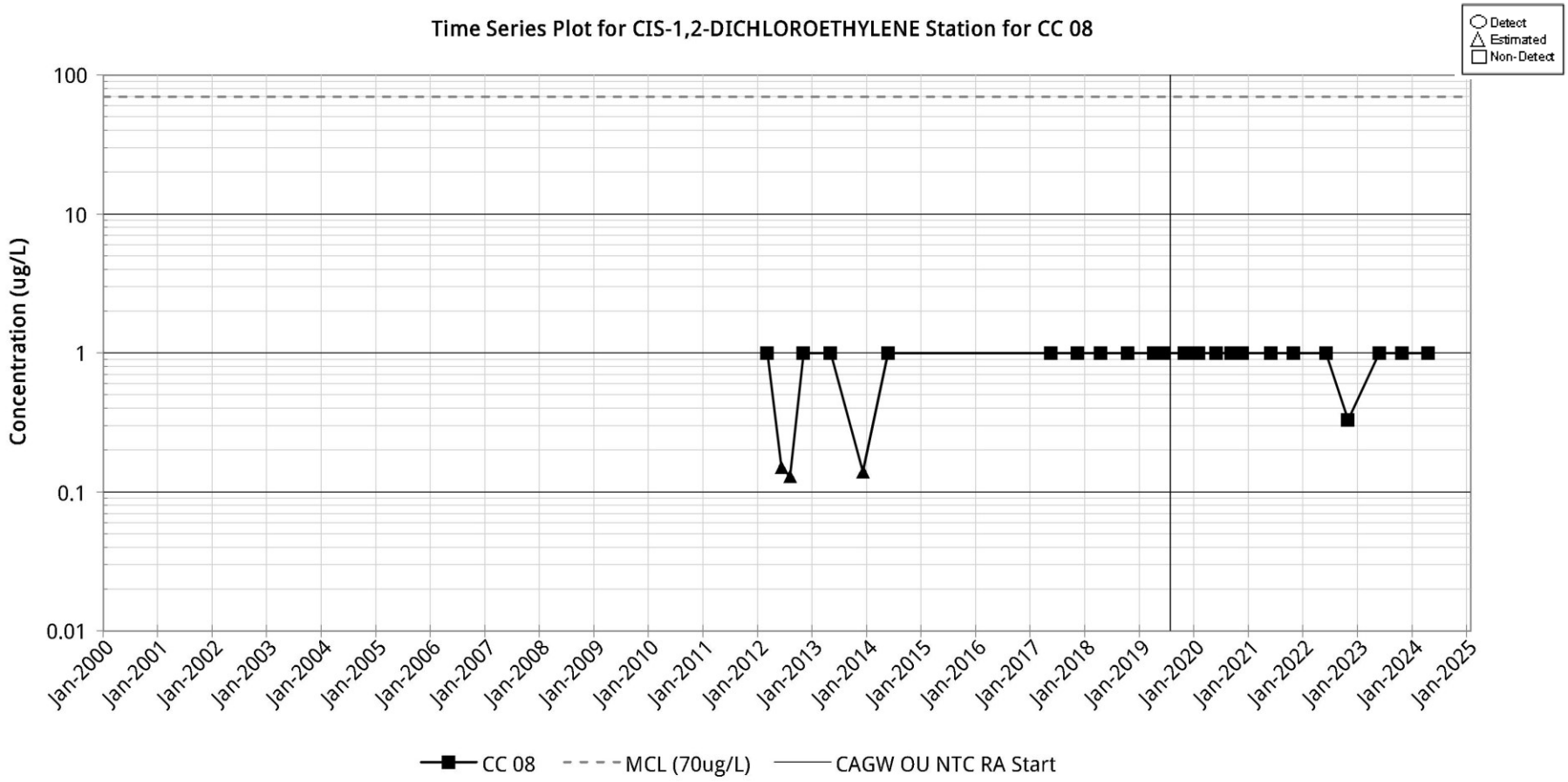

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CC 08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 08
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-43

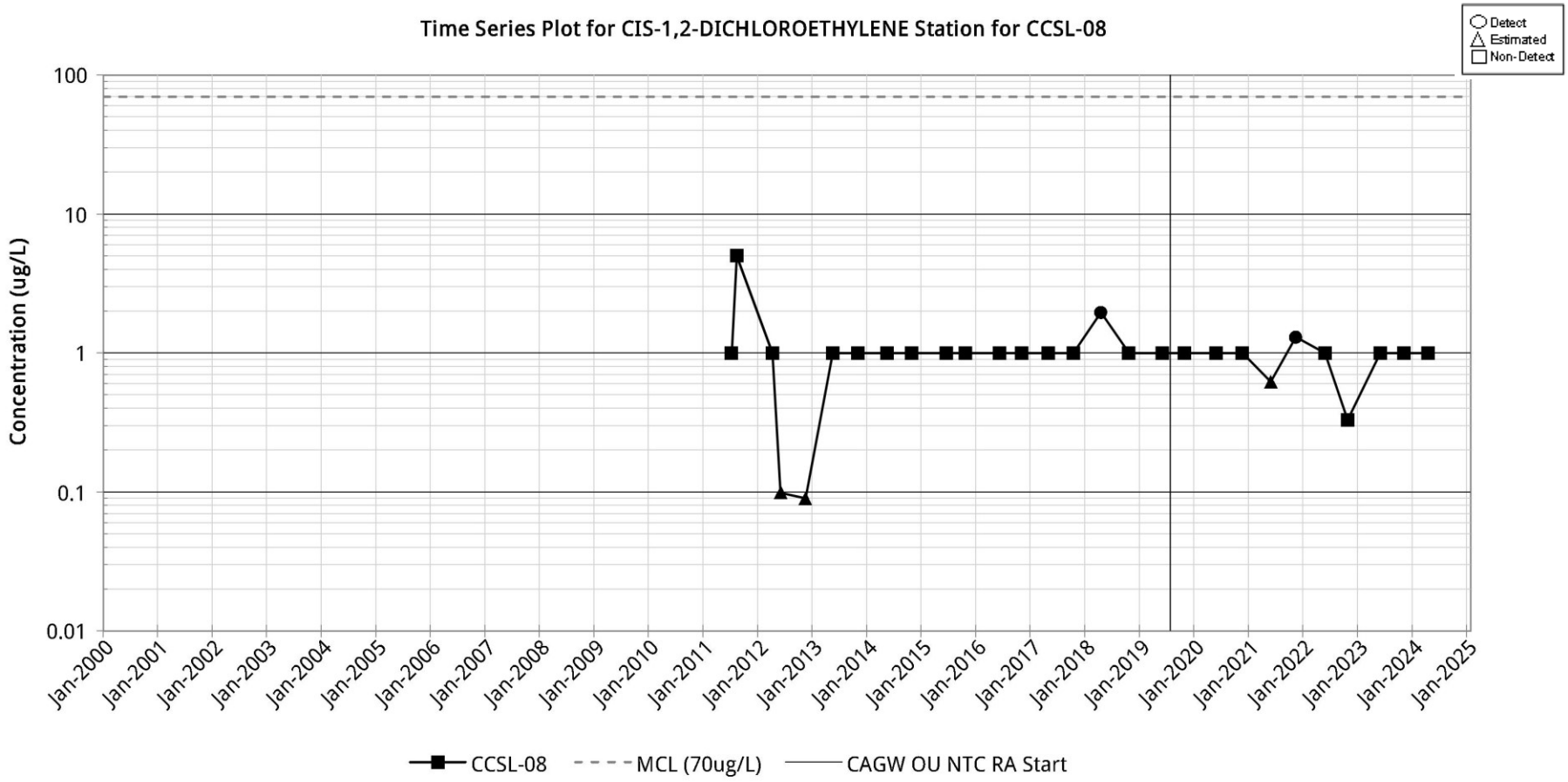

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-08
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-44

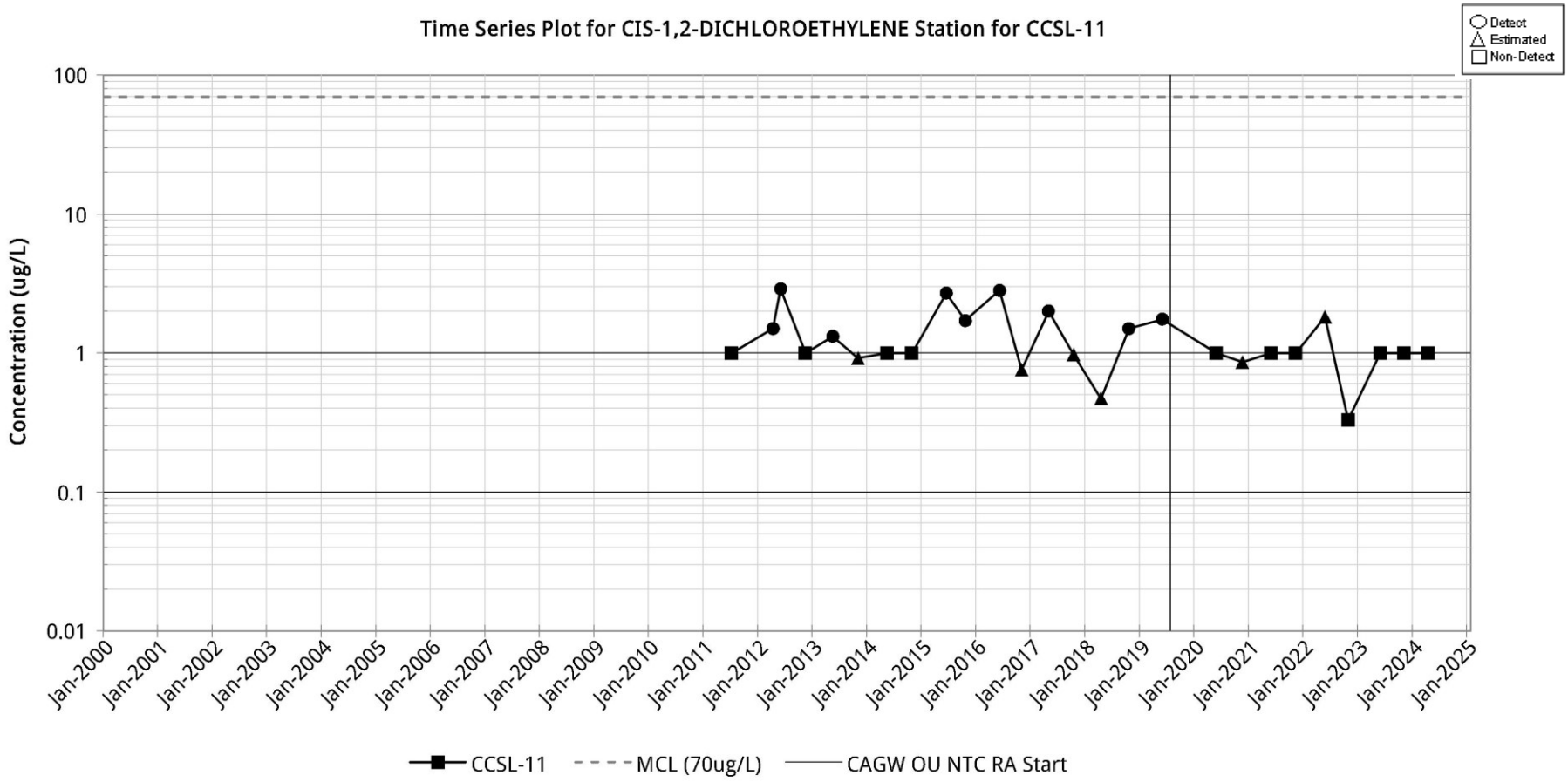

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-11
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-11
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-45

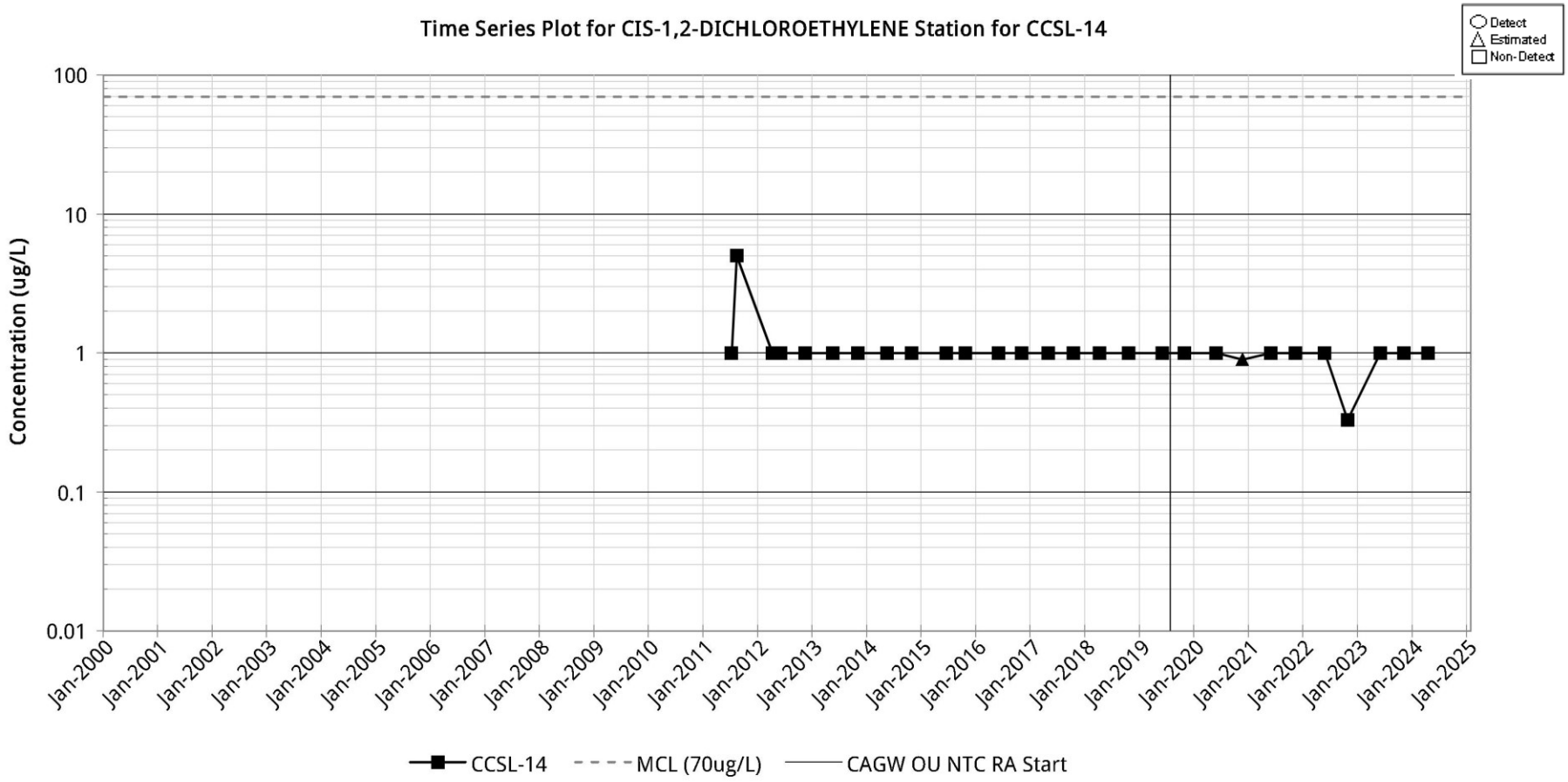

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-14
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-14
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-46

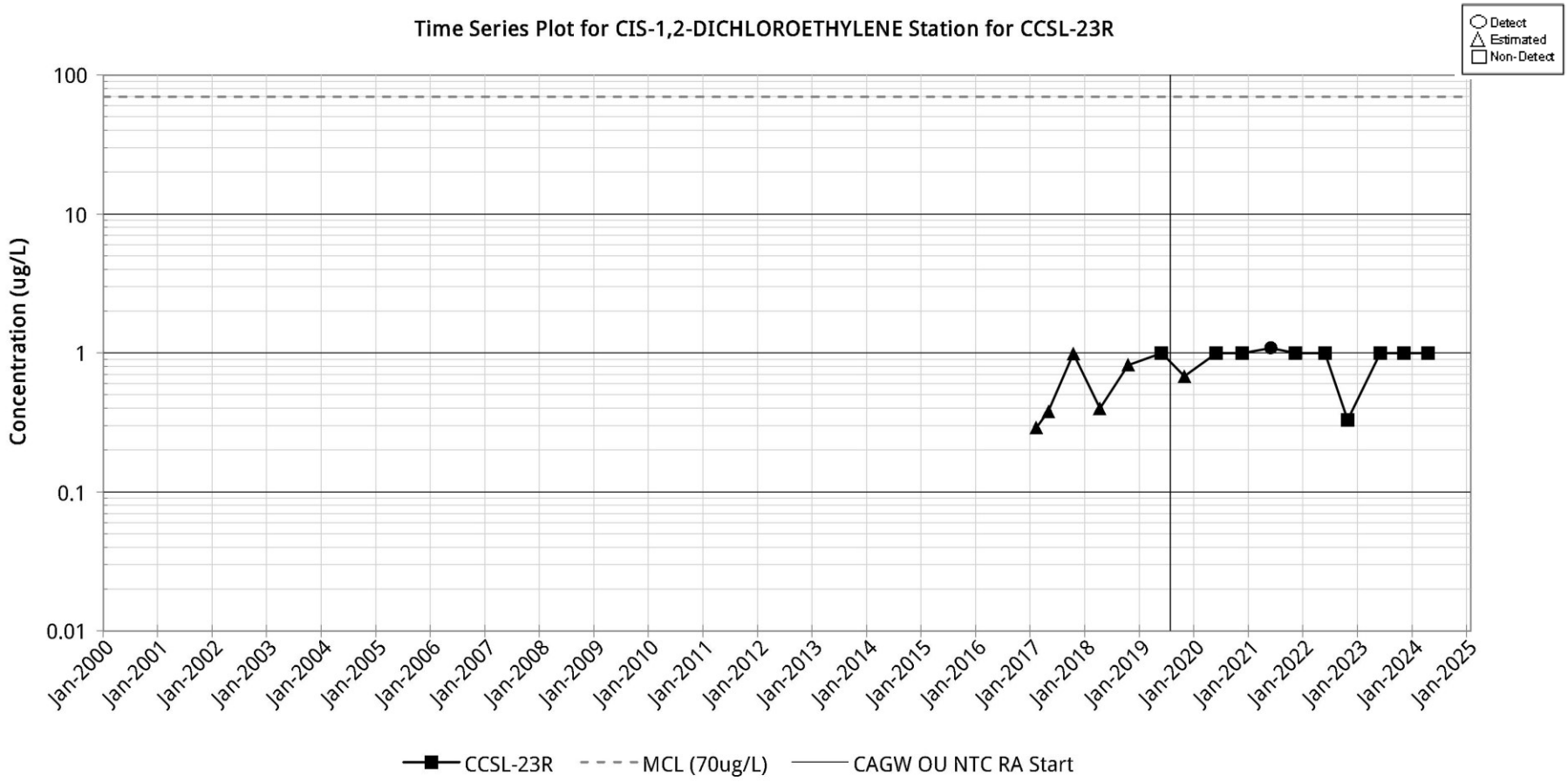

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-23R
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-23R
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-47

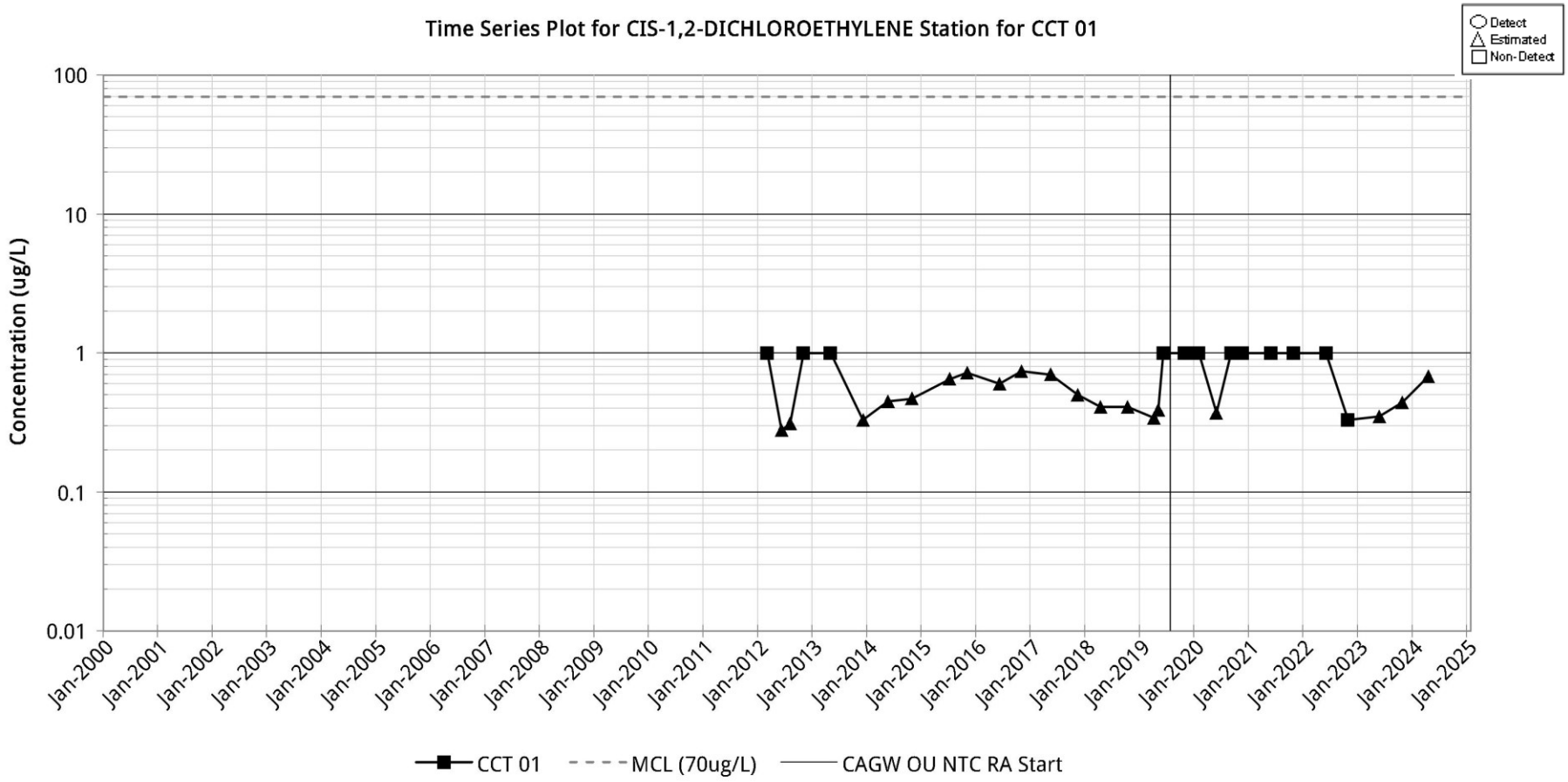

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCT 01
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 01
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-48

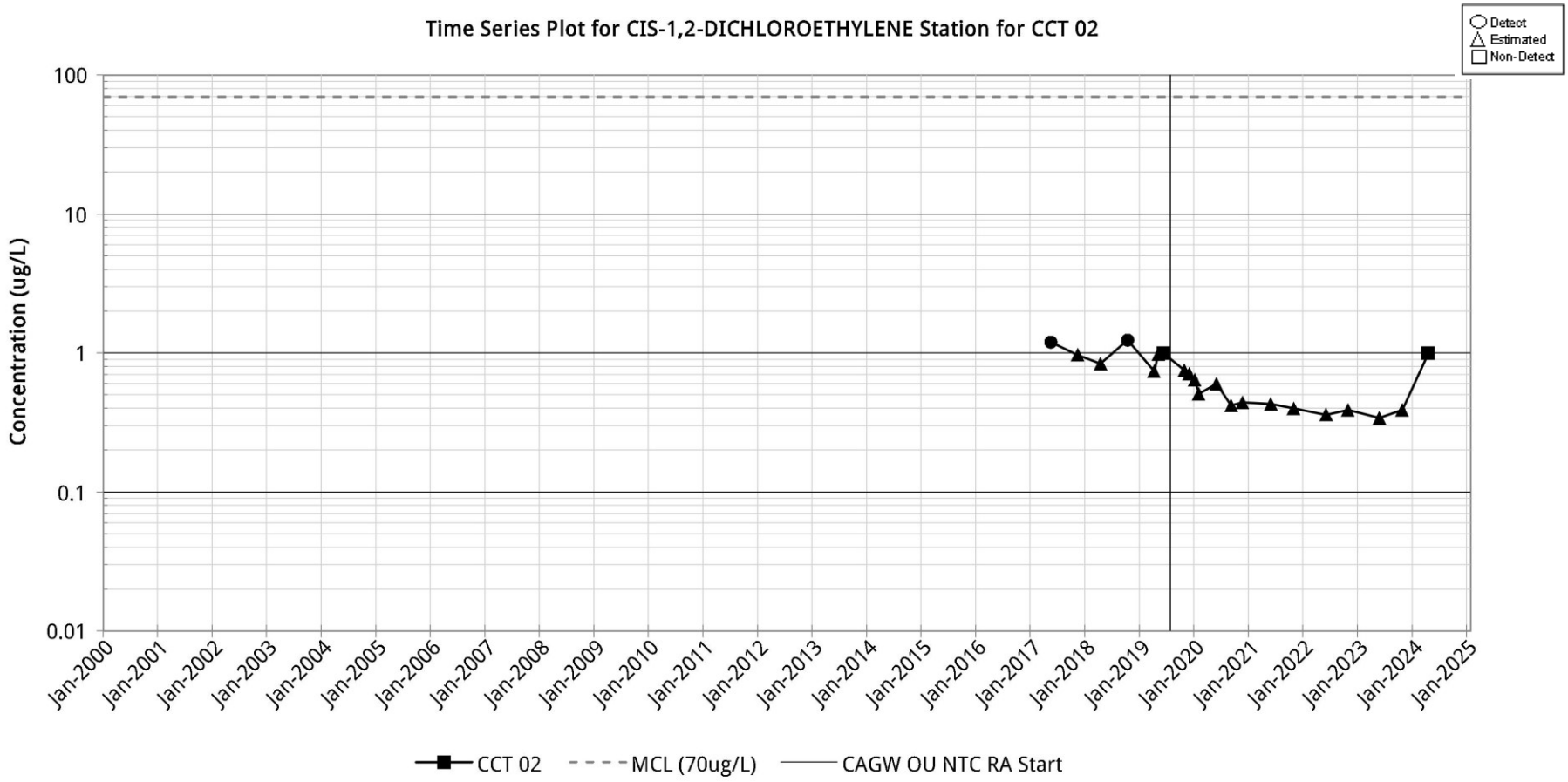

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCT 02
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 02
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-49

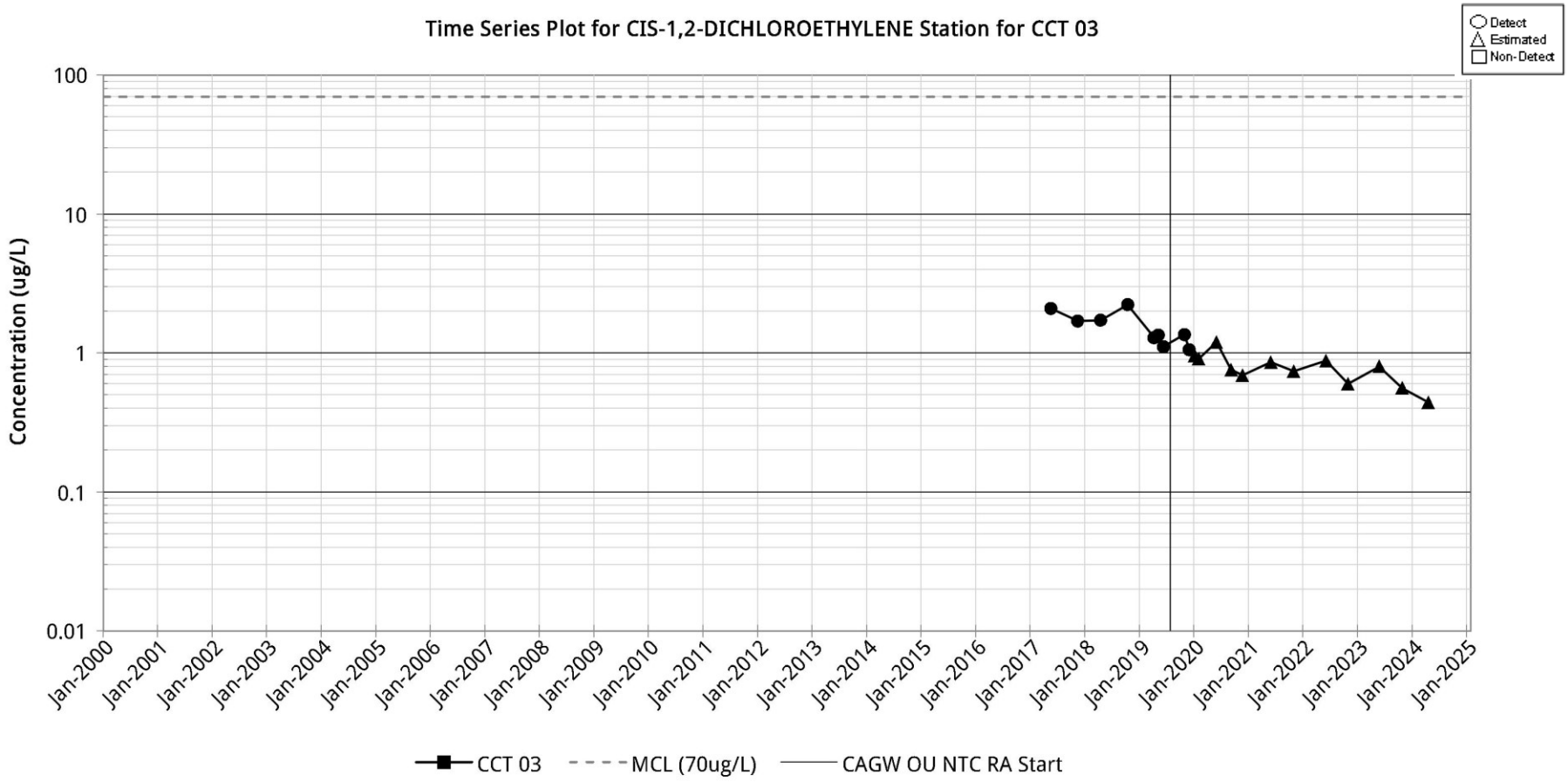

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCT 03
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 03
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-50

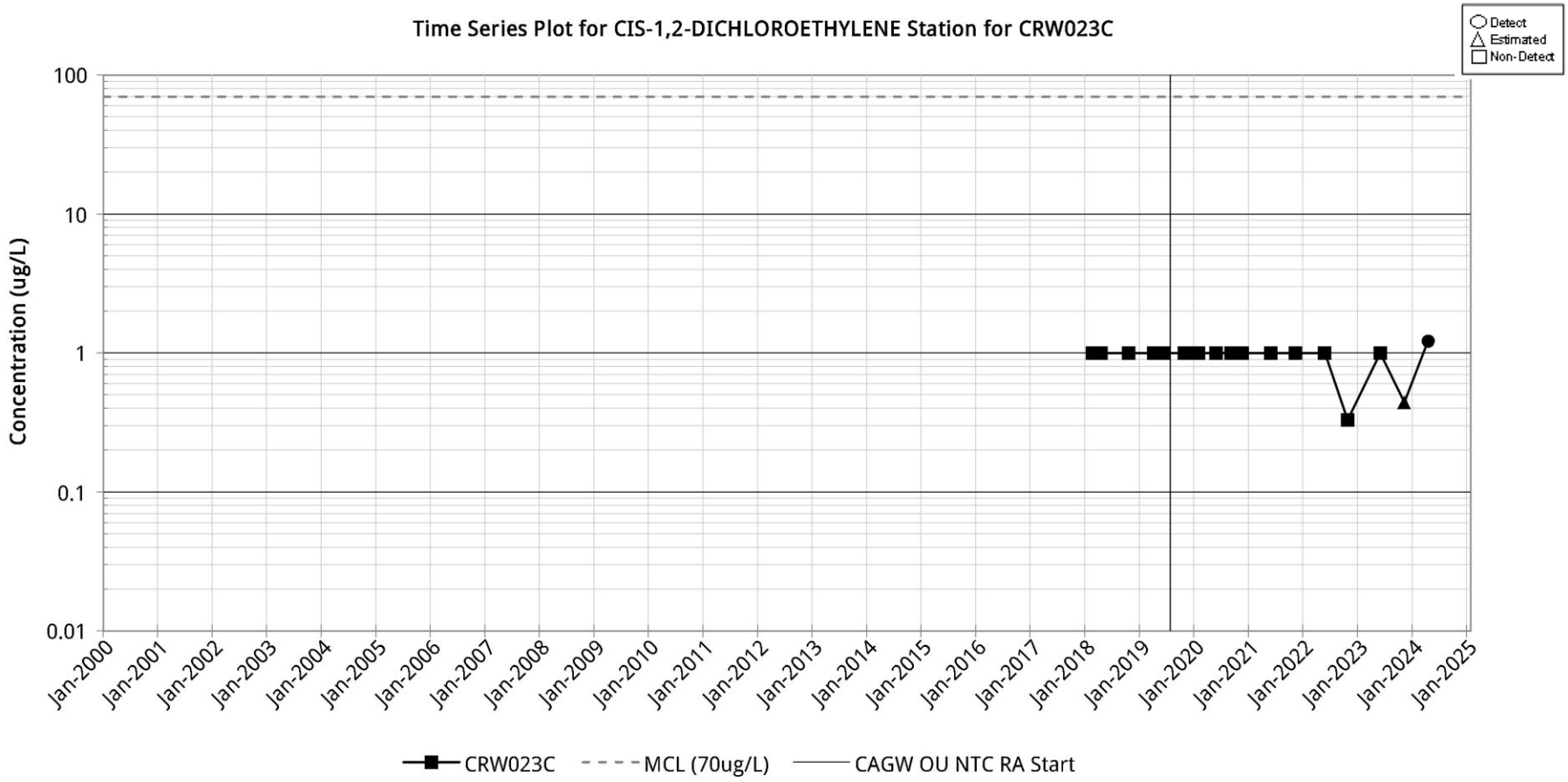

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW023C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW023C
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-51

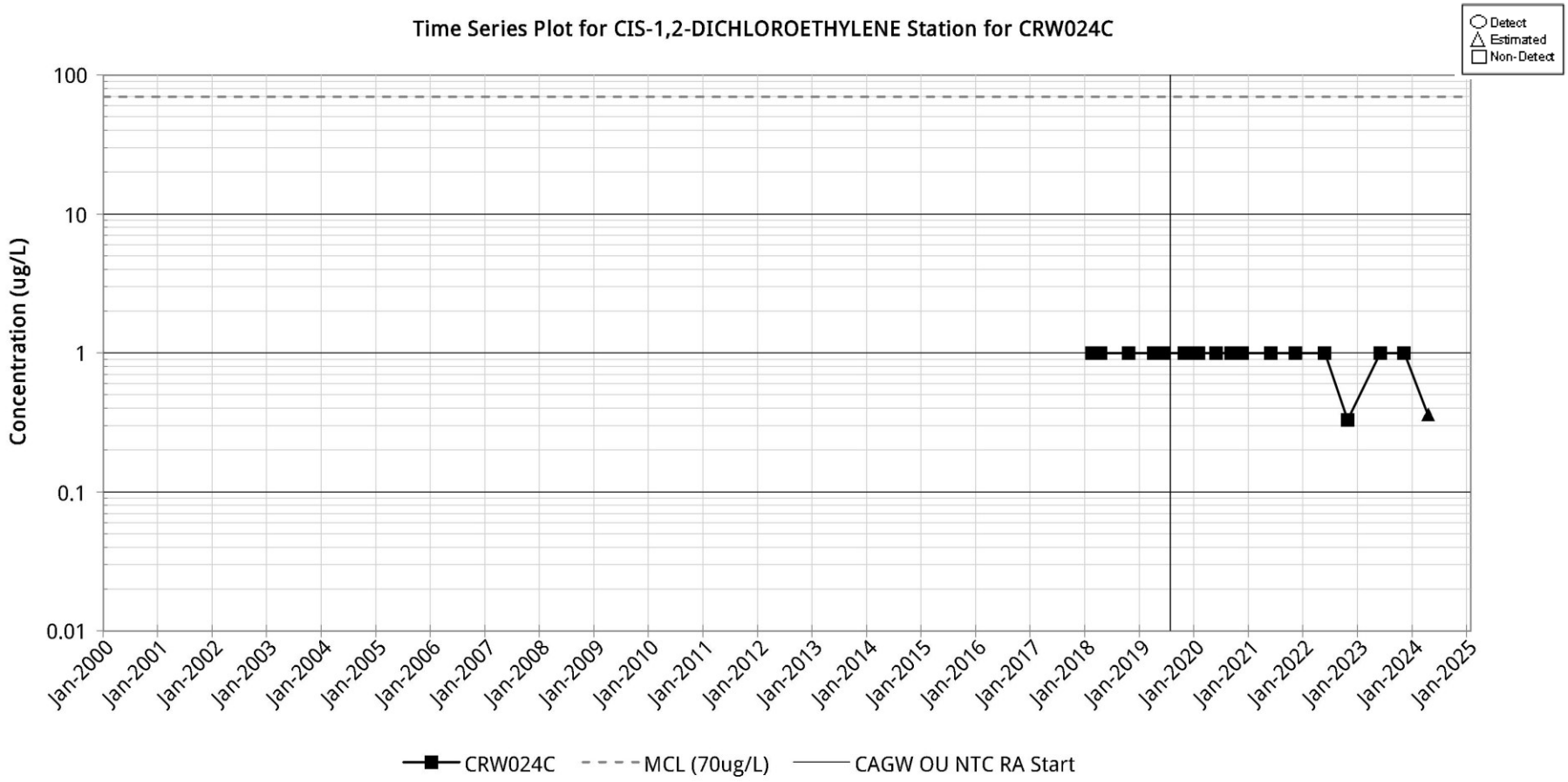

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW024C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW024C
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-52

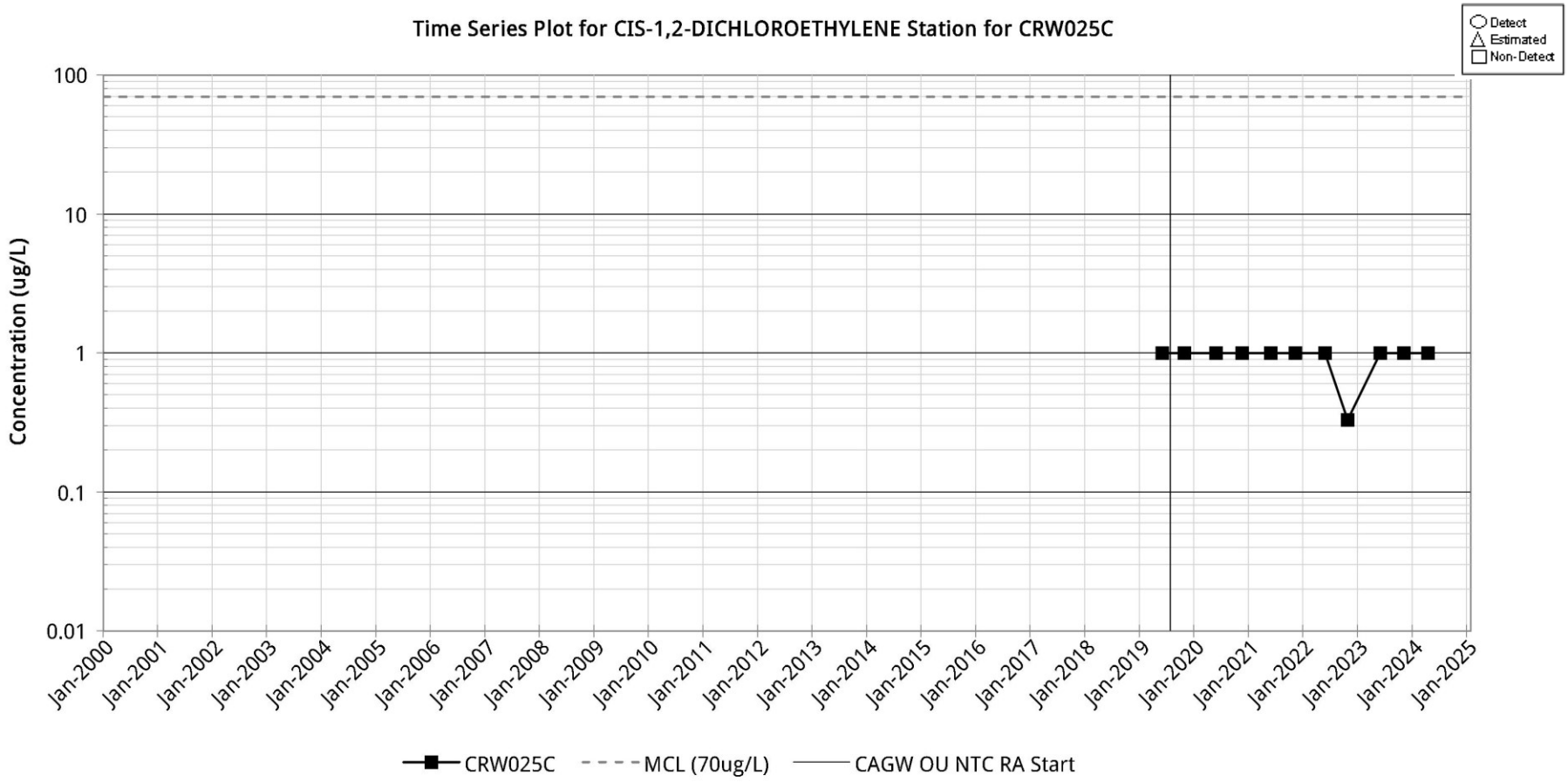

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW025C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW025C
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-53

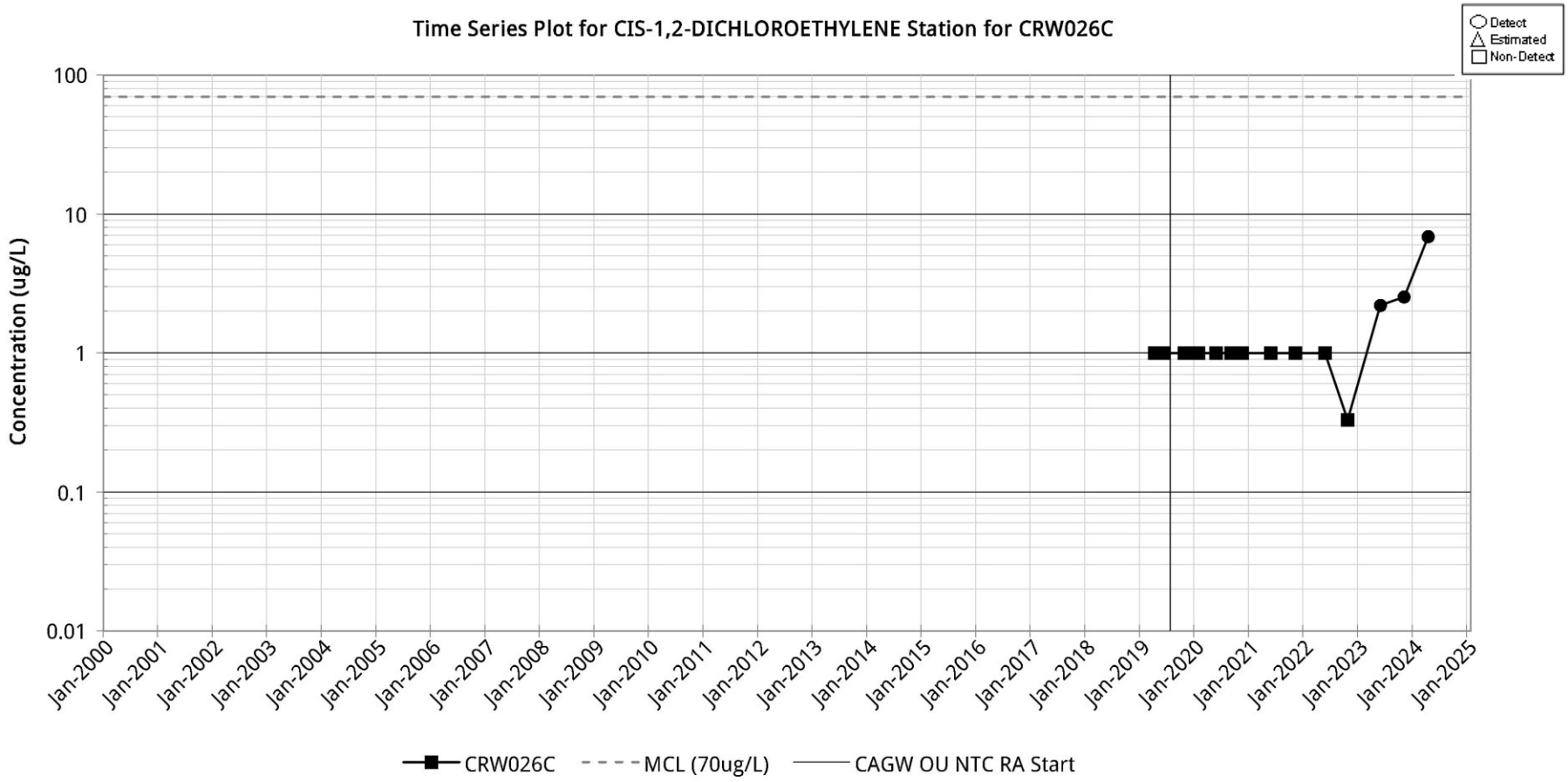

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW026C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW026C
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-54

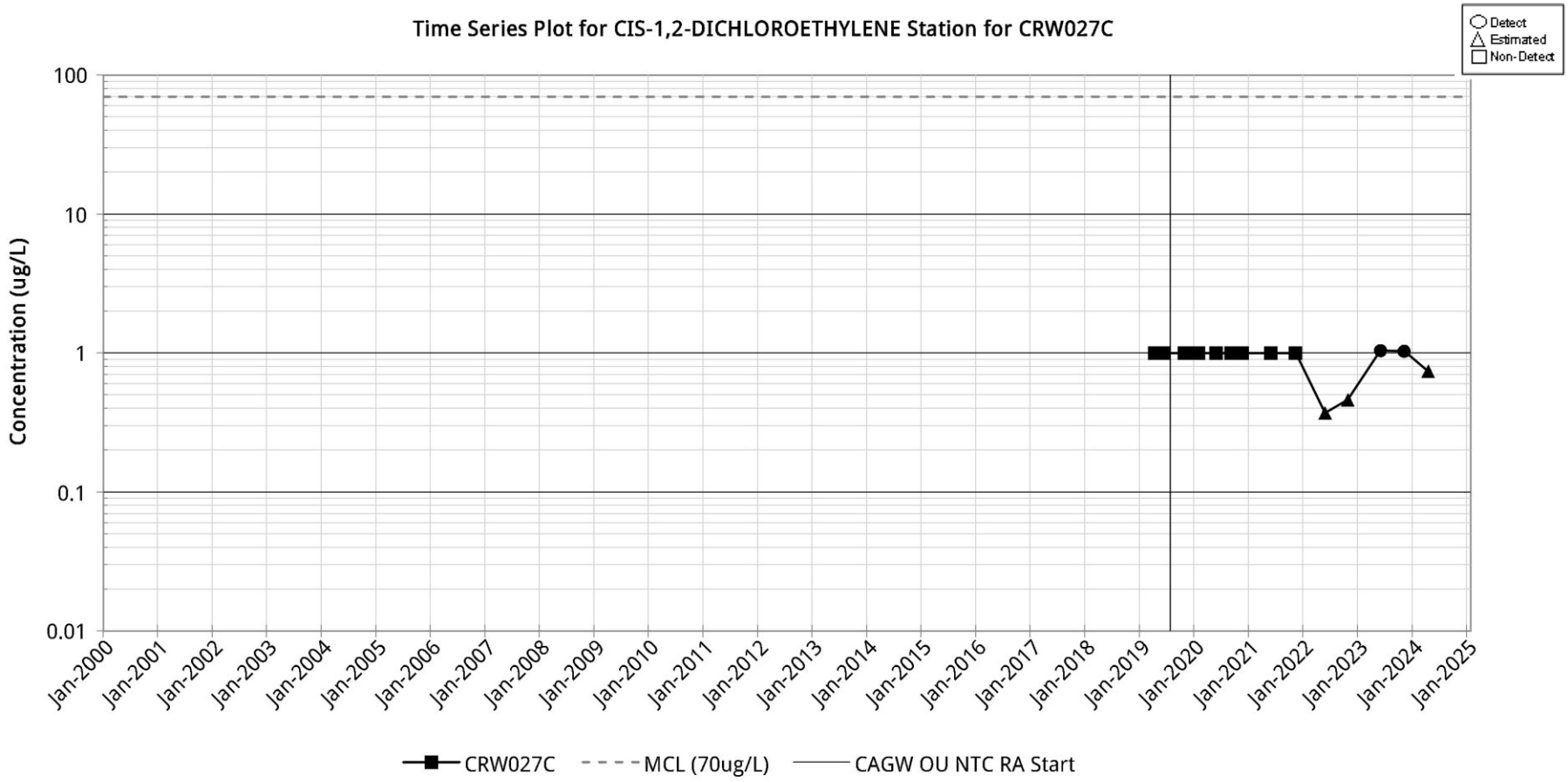

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW027C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW027C
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-55

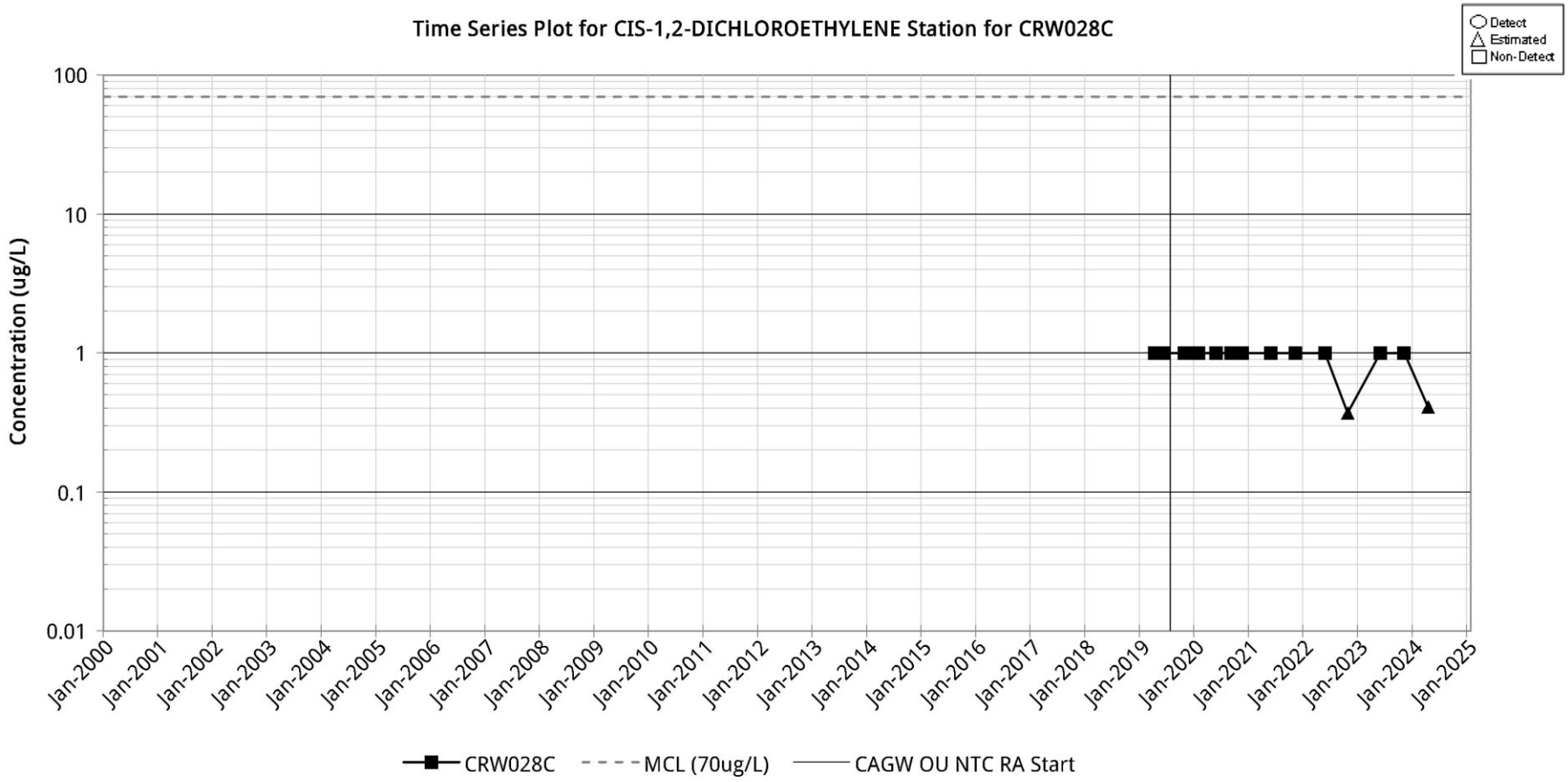

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW028C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW028C
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-56

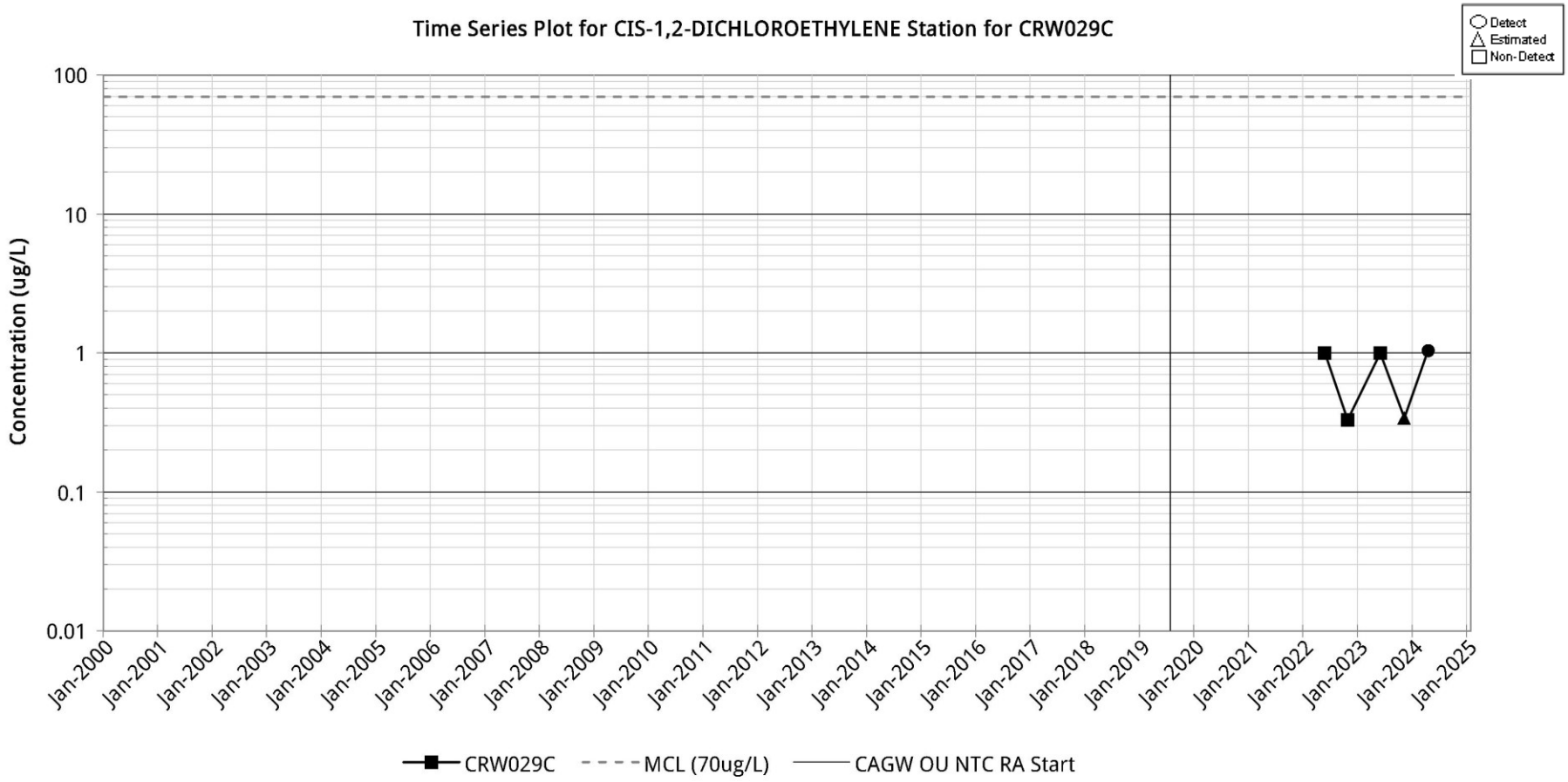

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW029C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW029C
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-57

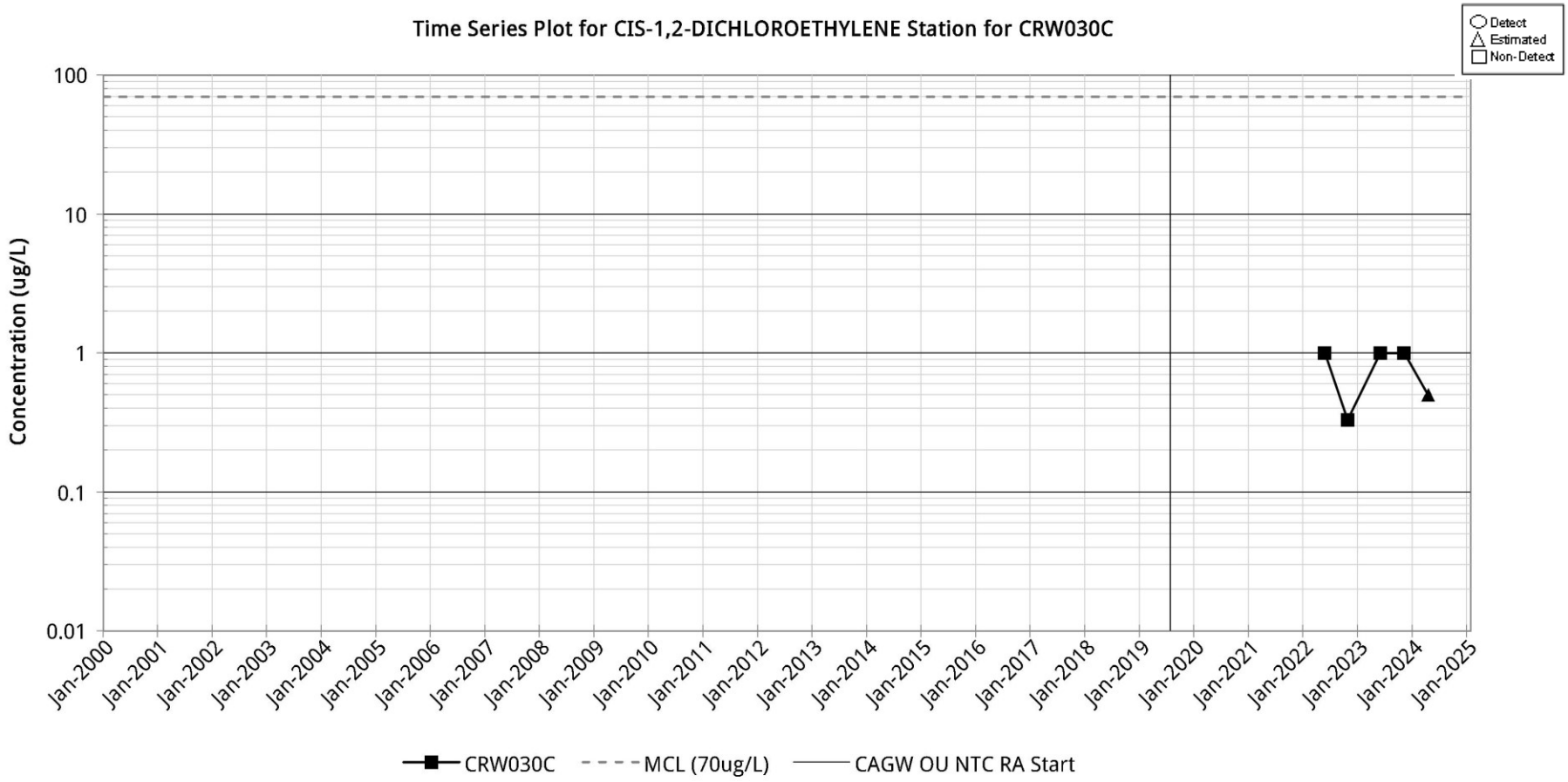

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW030C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW030C
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-58

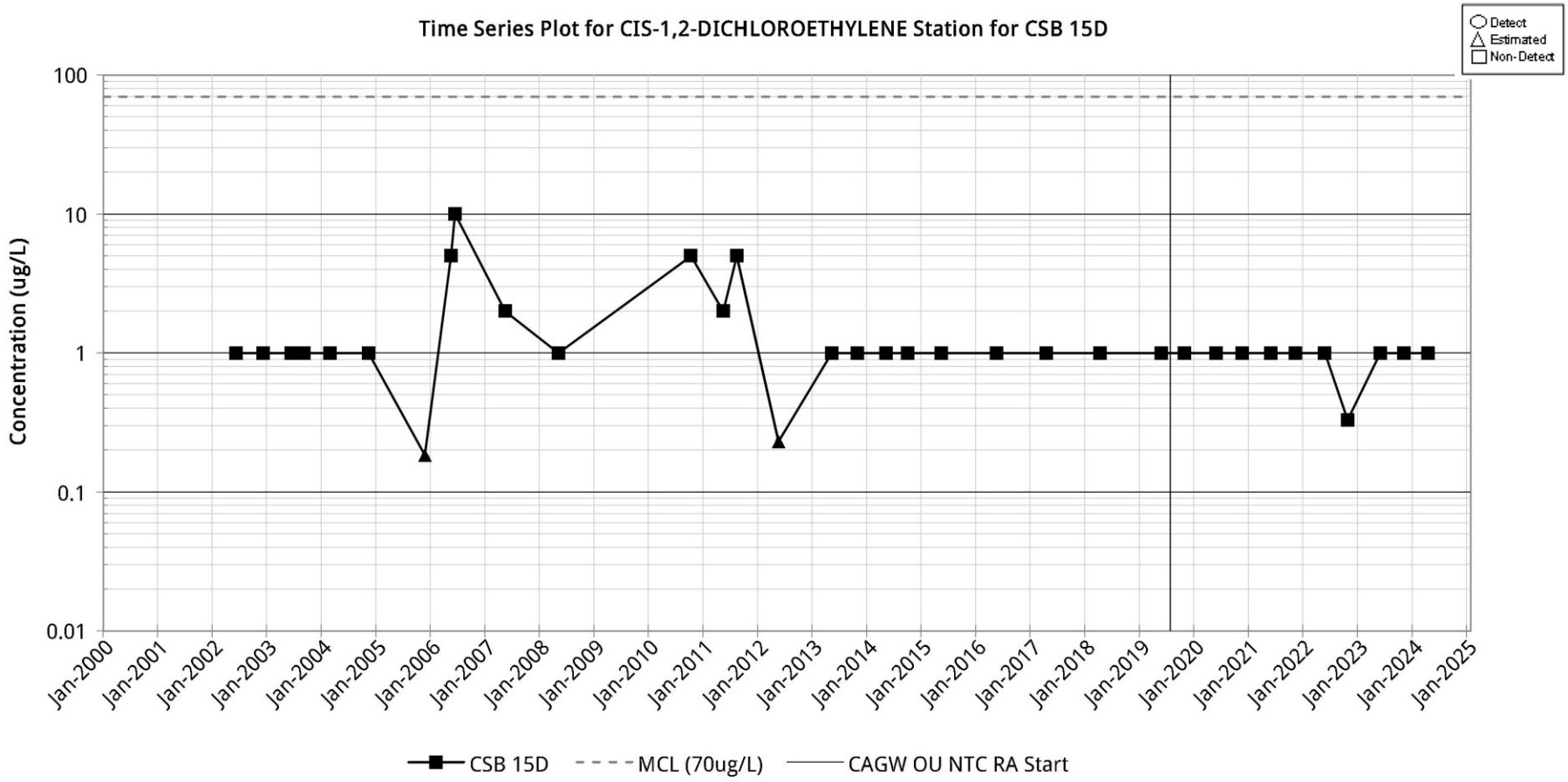

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CSB 15D
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB 15D
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-59

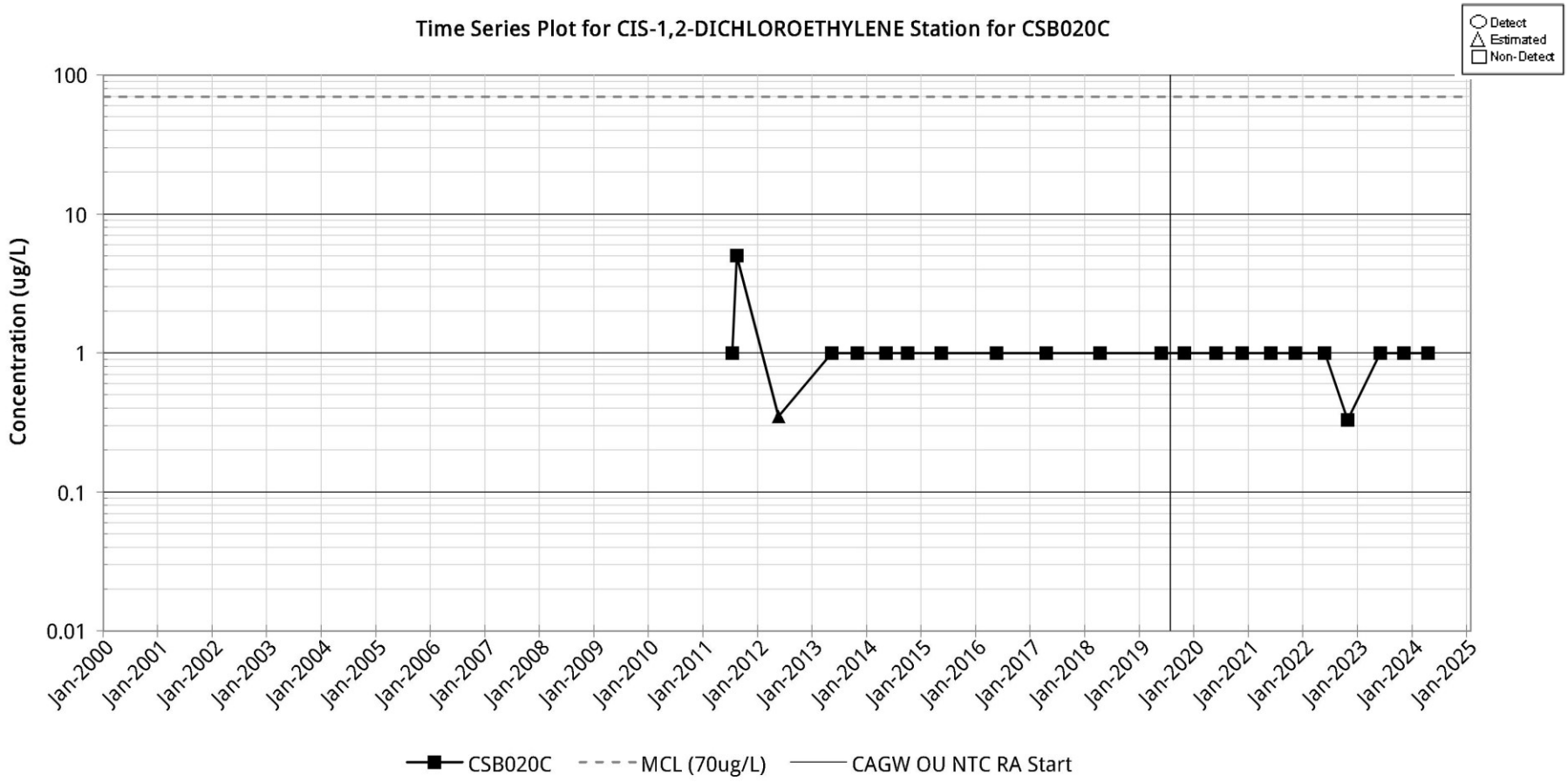

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CSB020C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB020C
MCL (70ug/L)
CAGW OU NTC RA Start

Figure C-60

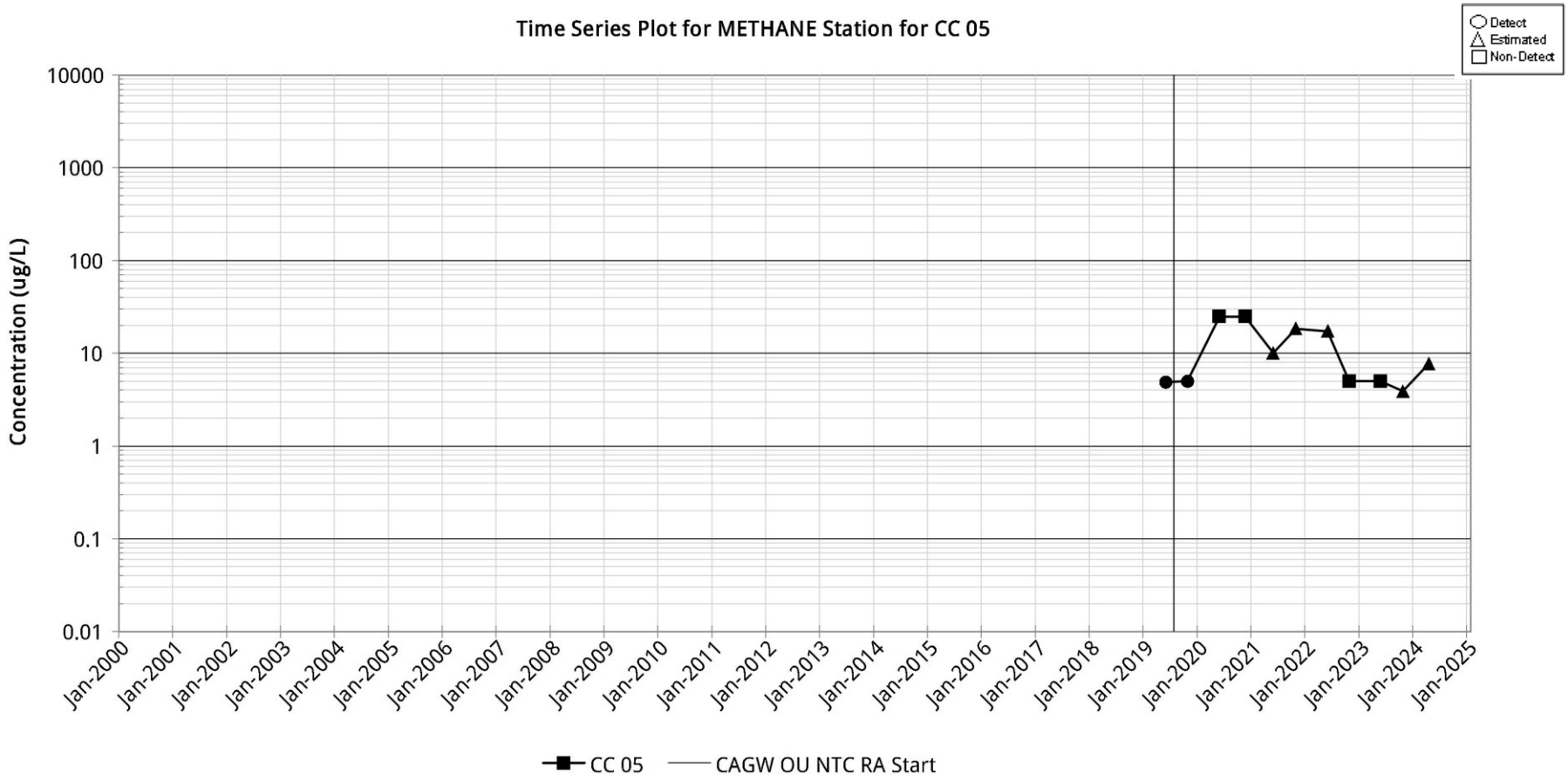

Time Series Plot for METHANE Station for CC 05
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 05
CAGW OU NTC RA Start

Figure C-61

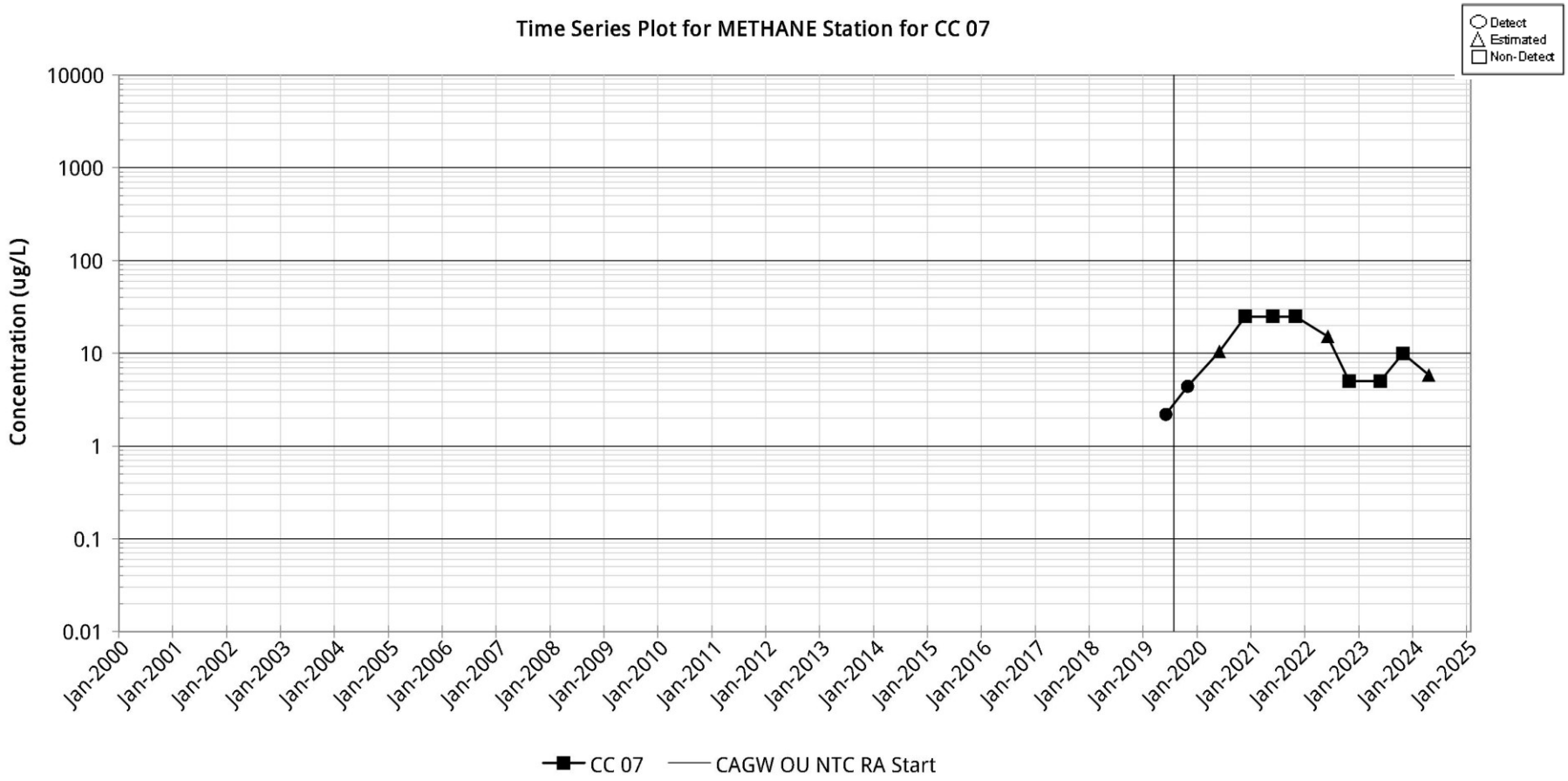

Time Series Plot for METHANE Station for CC 07
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 07
CAGW OU NTC RA Start

Figure C-62

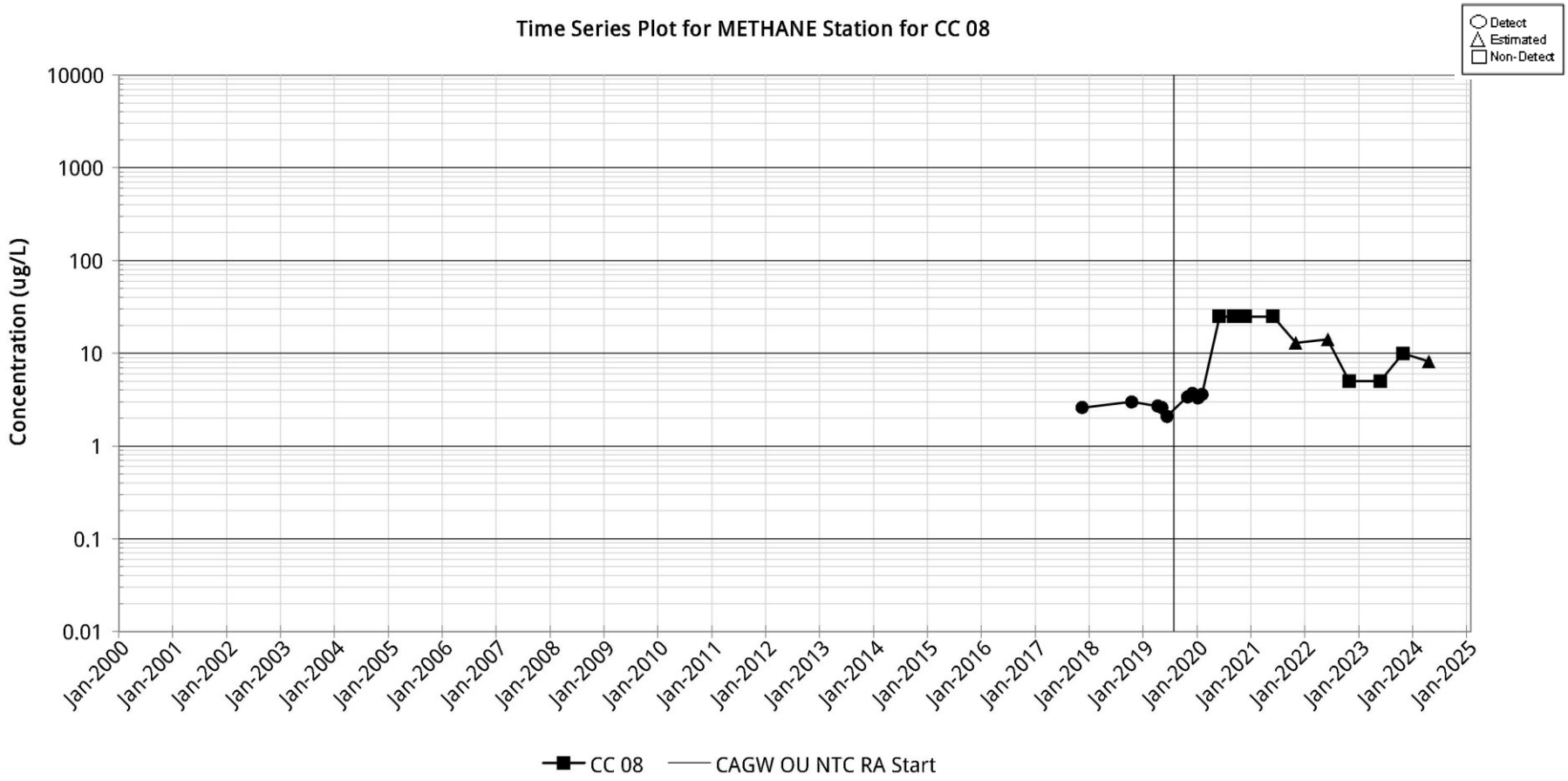

Time Series Plot for METHANE Station for CC 08
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 08
CAGW OU NTC RA Start

Figure C-63

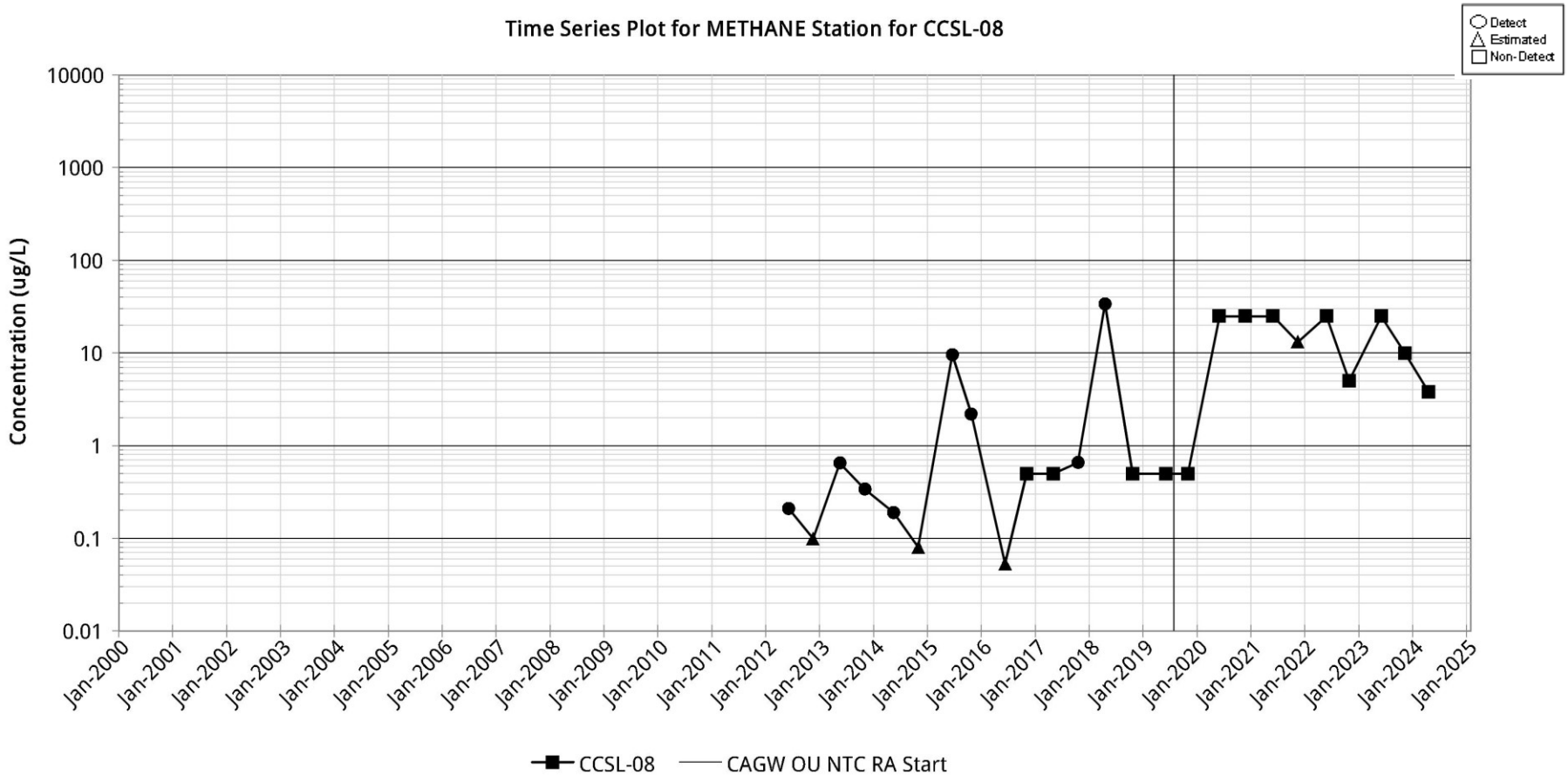

Time Series Plot for METHANE Station for CCSL-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-08
CAGW OU NTC RA Start

Figure C-64

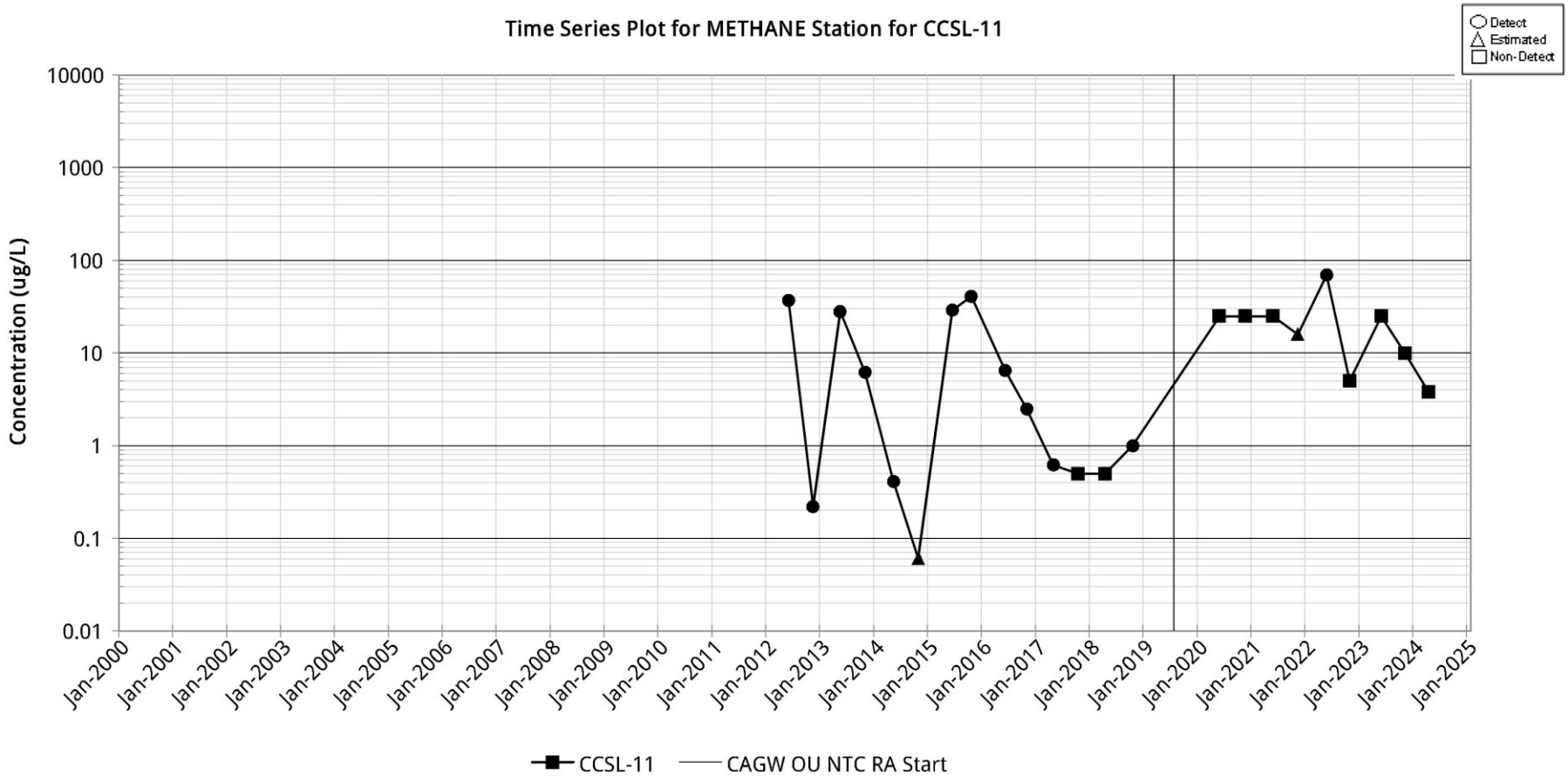

Time Series Plot for METHANE Station for CCSL-11
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-11
CAGW OU NTC RA Start

Figure C-65

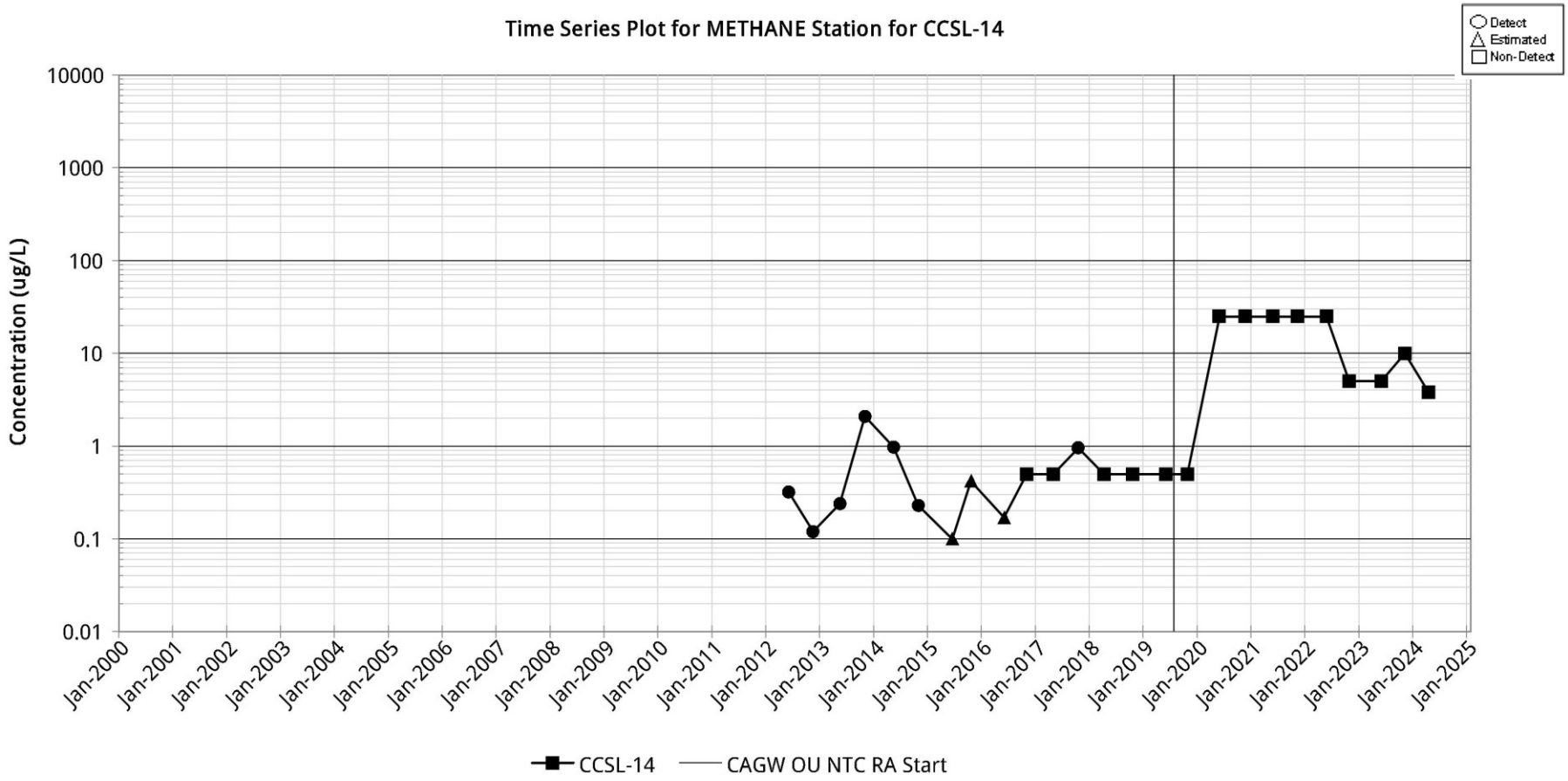

Time Series Plot for METHANE Station for CCSL-14
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-14
CAGW OU NTC RA Start

Figure C-66

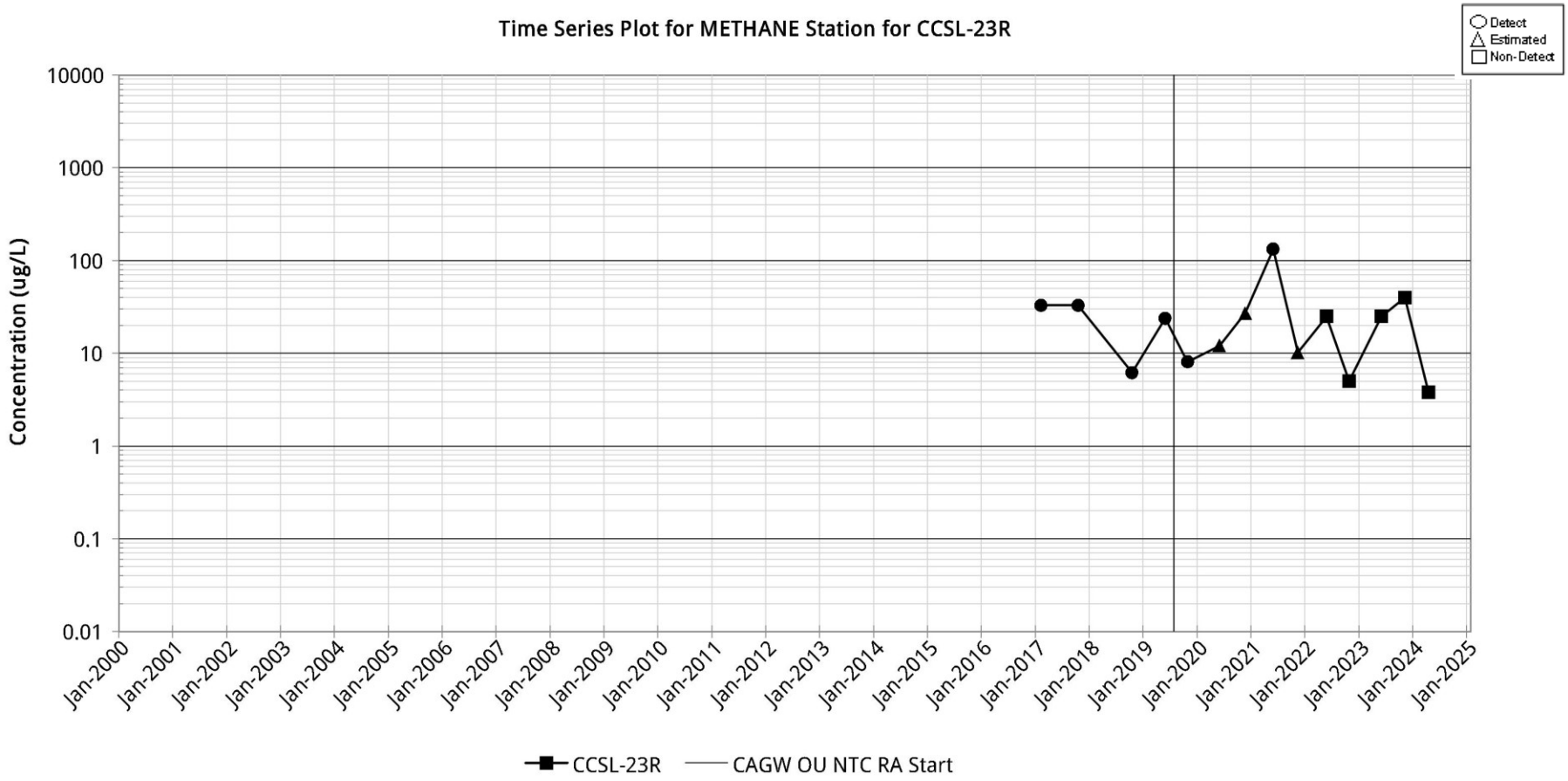

Time Series Plot for METHANE Station for CCSL-23R
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-23R
CAGW OU NTC RA Start

Figure C-67

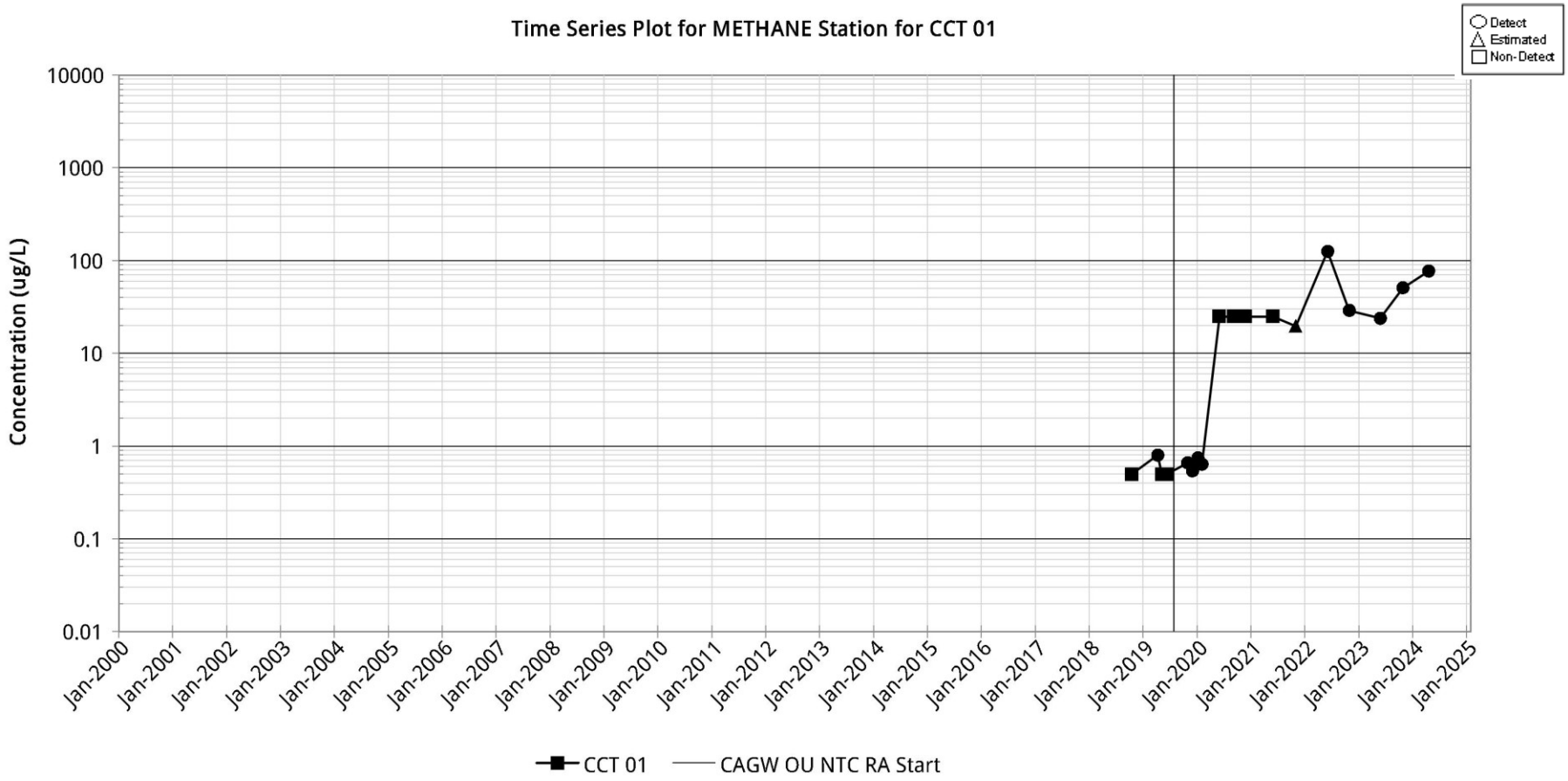

Time Series Plot for METHANE Station for CCT 01
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 01
CAGW OU NTC RA Start

Figure C-68

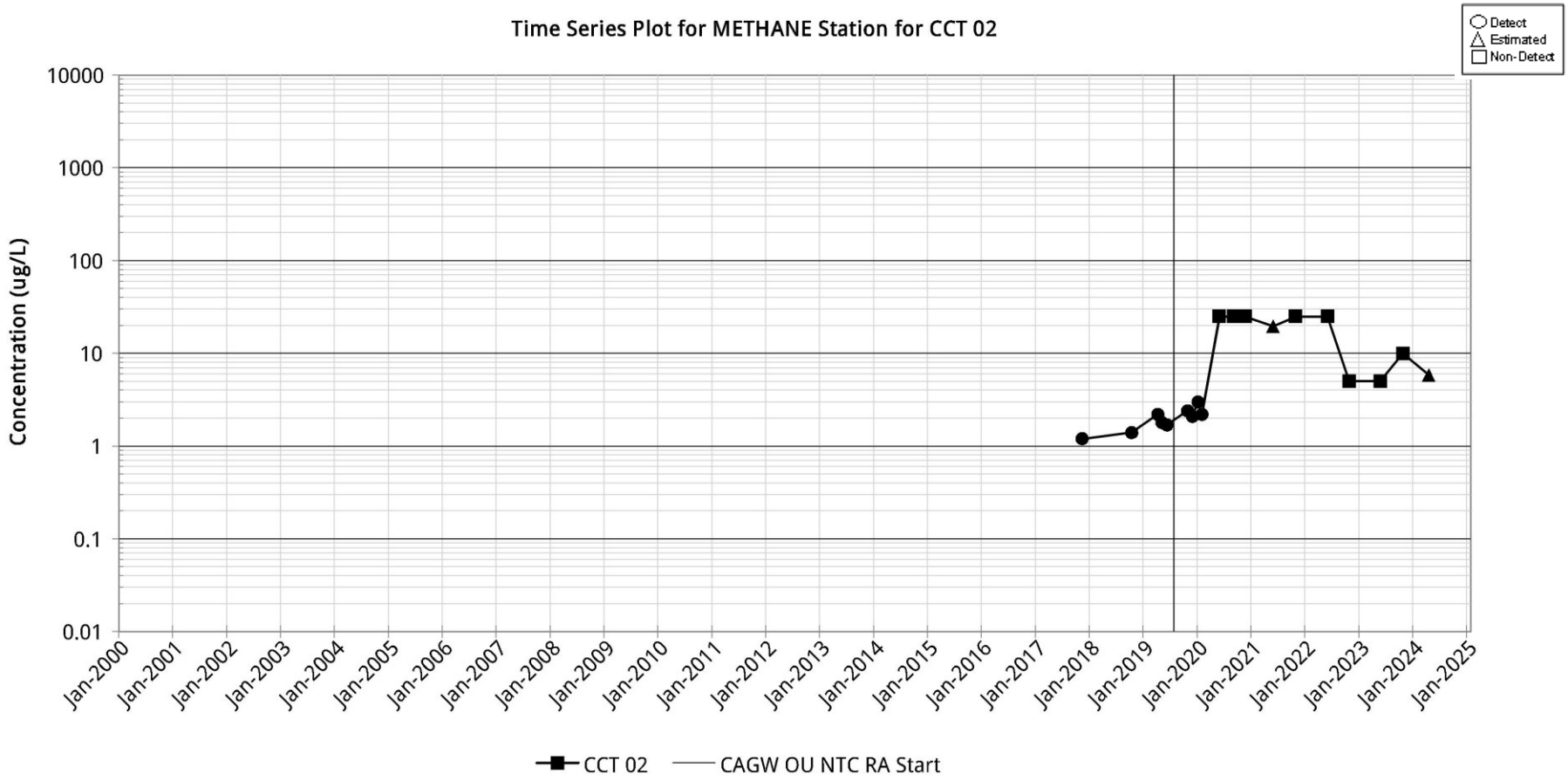

Time Series Plot for METHANE Station for CCT 02
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 02
CAGW OU NTC RA Start

Figure C-69

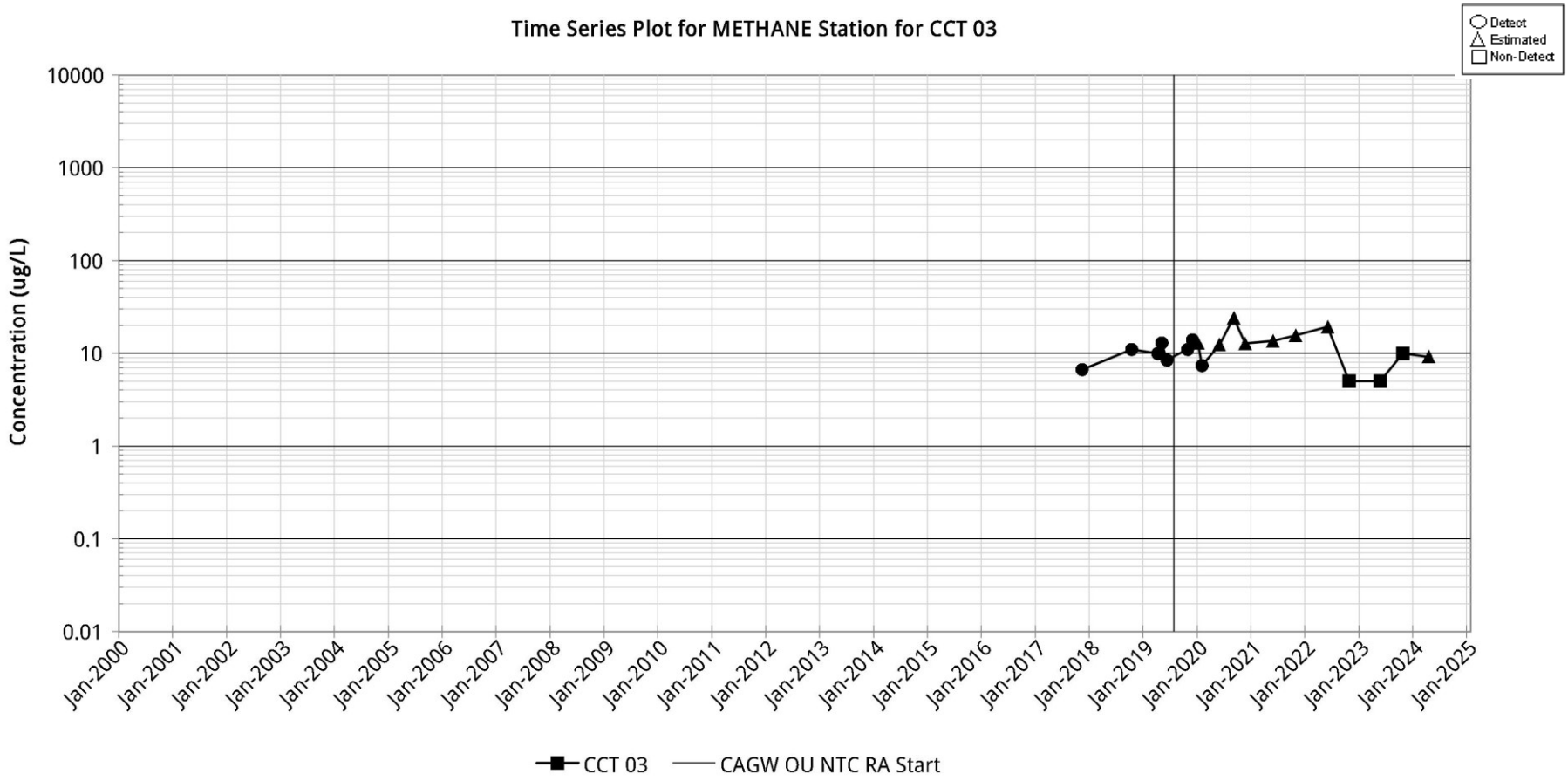

Time Series Plot for METHANE Station for CCT 03
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 03
CAGW OU NTC RA Start

Figure C-70

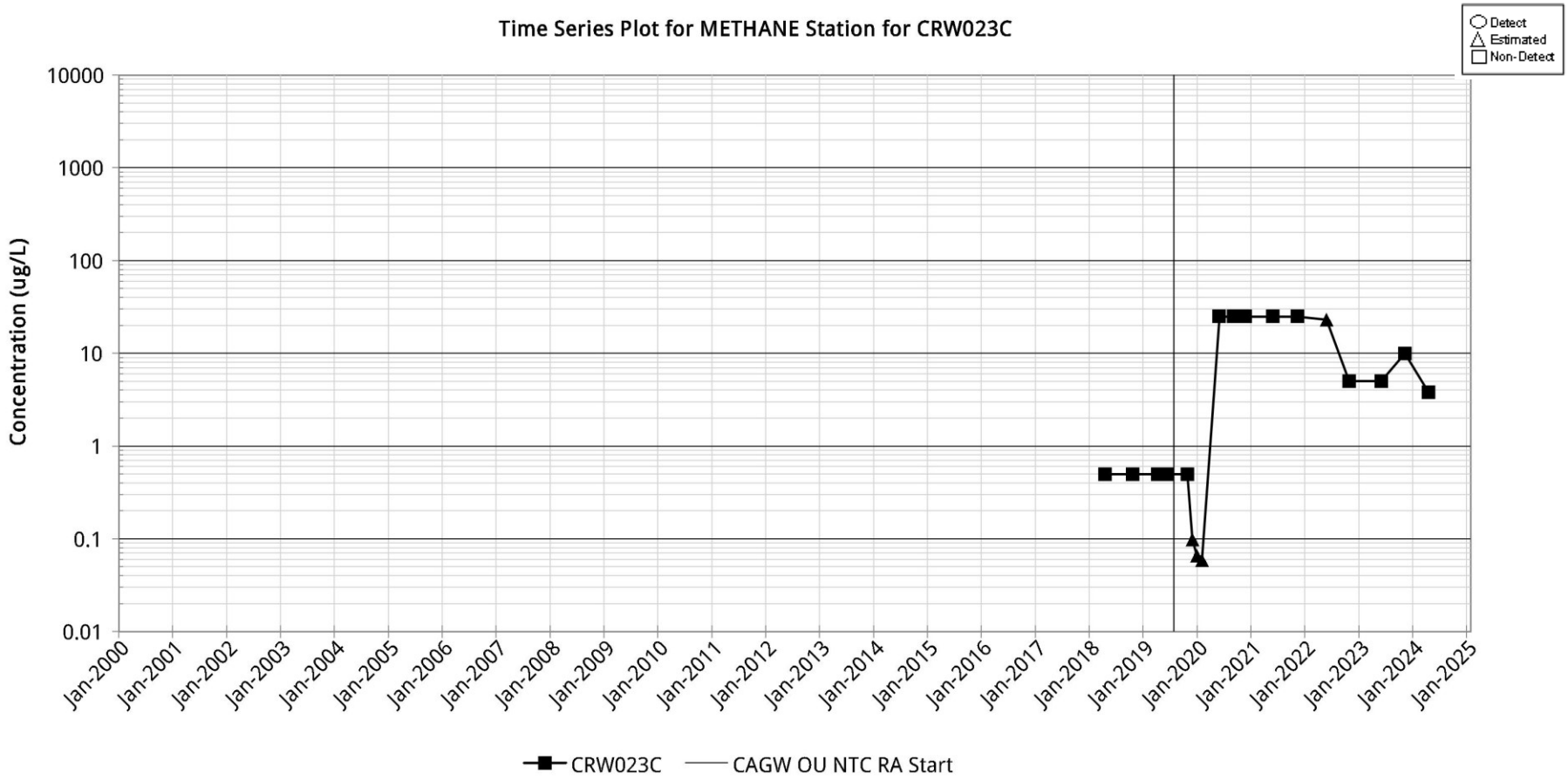

Time Series Plot for METHANE Station for CRW023C
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW023C
CAGW OU NTC RA Start

Figure C-71

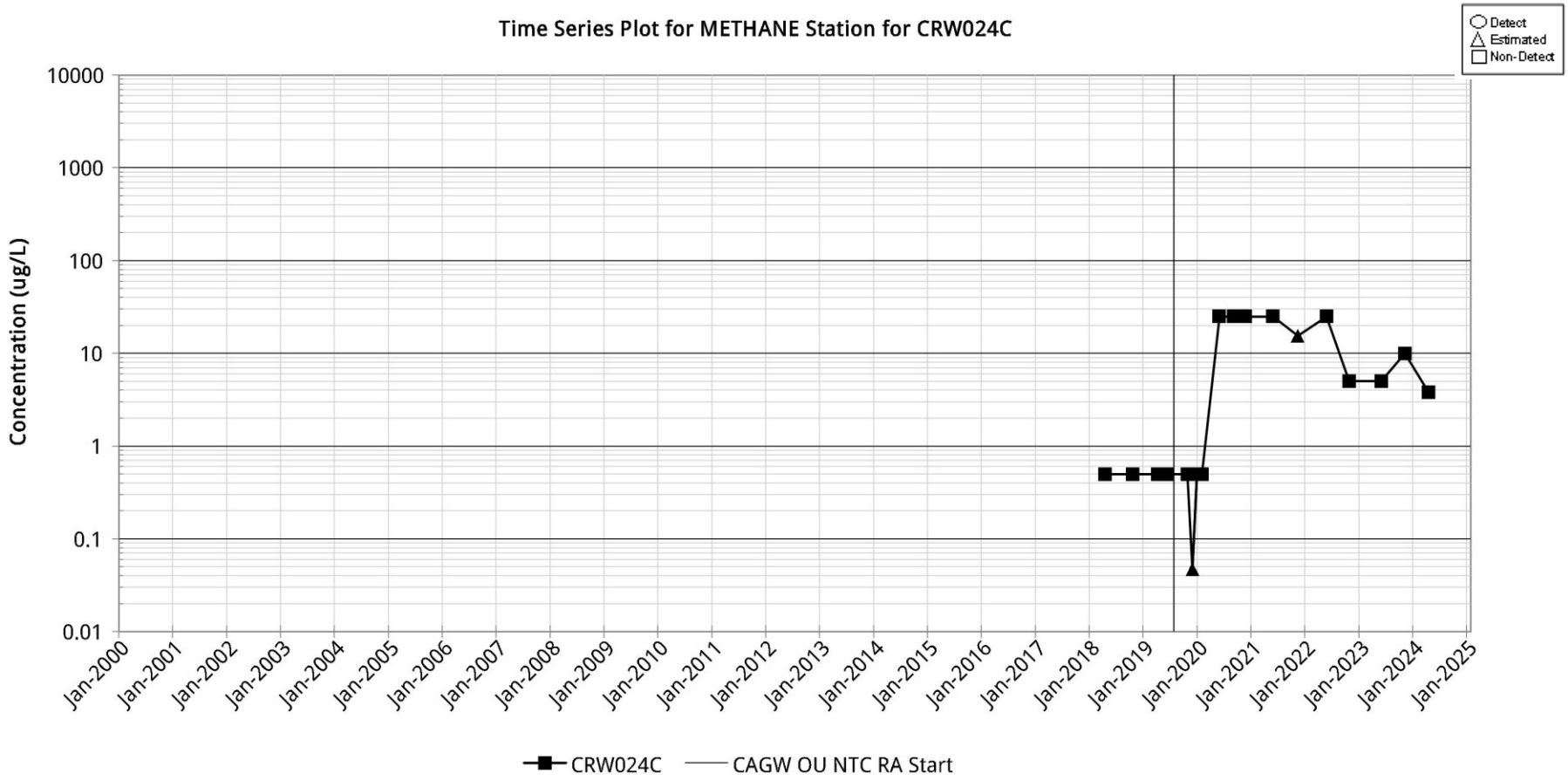

Time Series Plot for METHANE Station for CRW024C
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW024C
CAGW OU NTC RA Start

Figure C-72

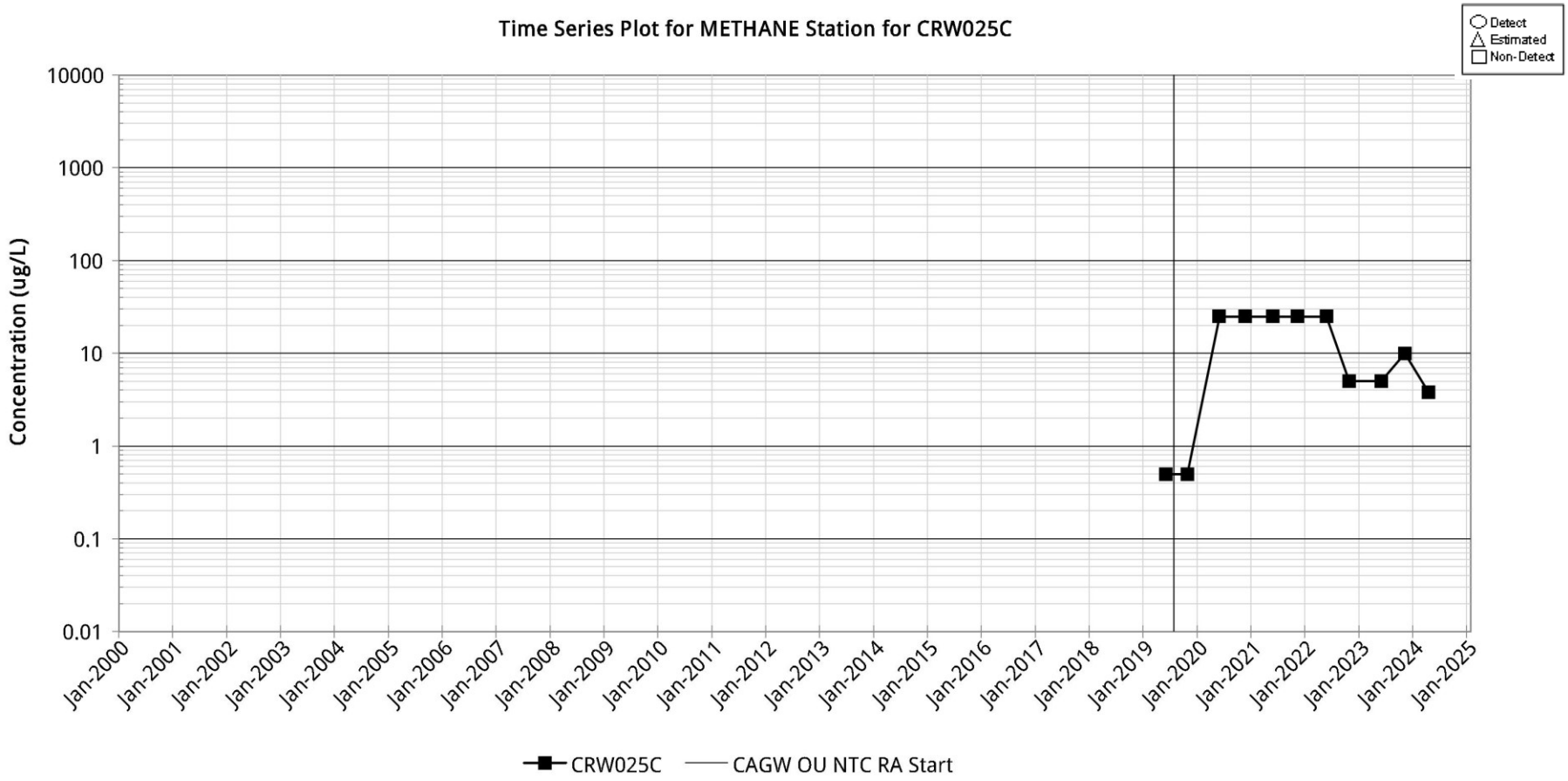

Time Series Plot for METHANE Station for CRW025C
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW025C
CAGW OU NTC RA Start

Figure C-73

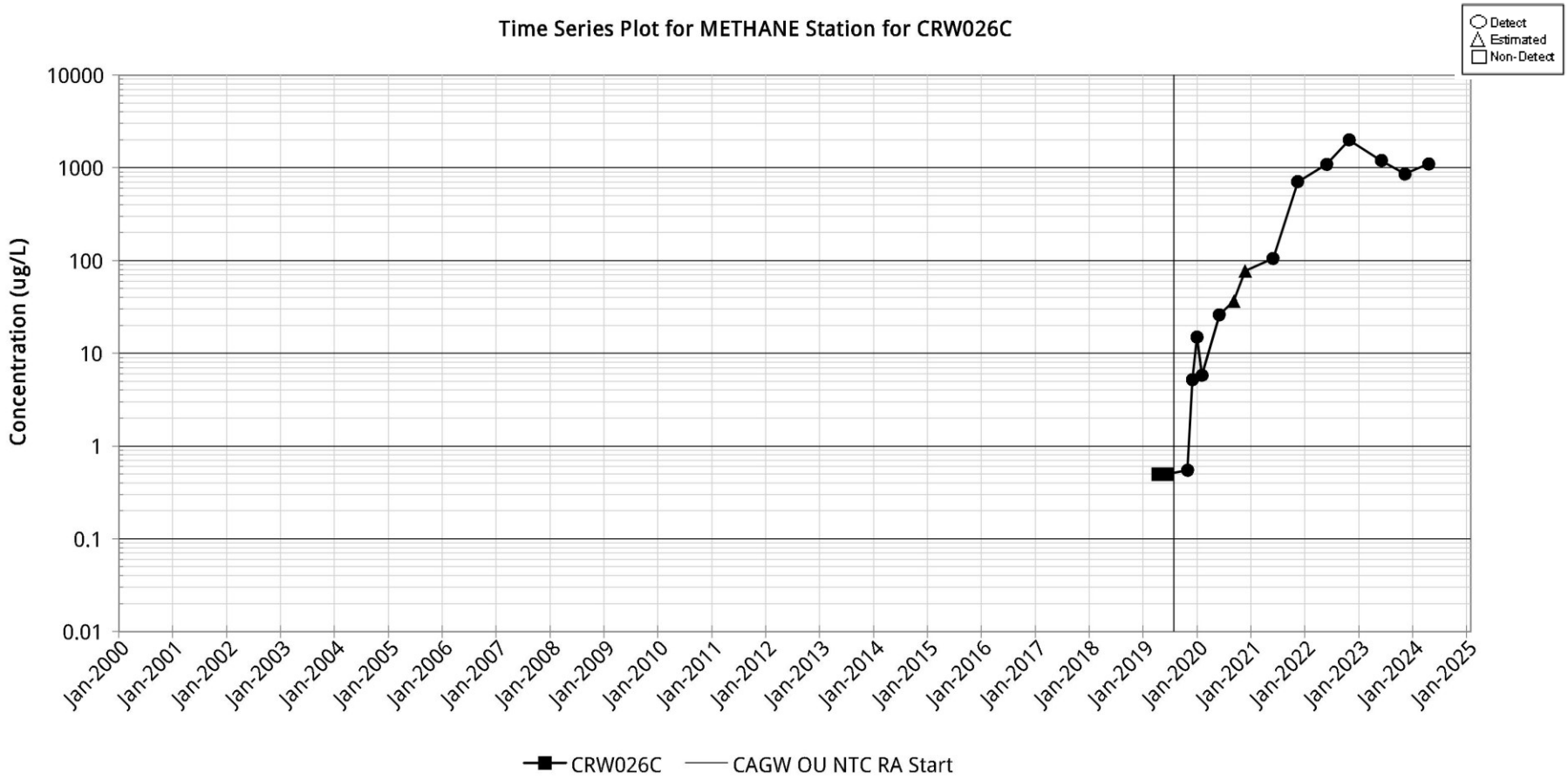

Time Series Plot for METHANE Station for CRW026C
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW026C
CAGW OU NTC RA Start

Figure C-74

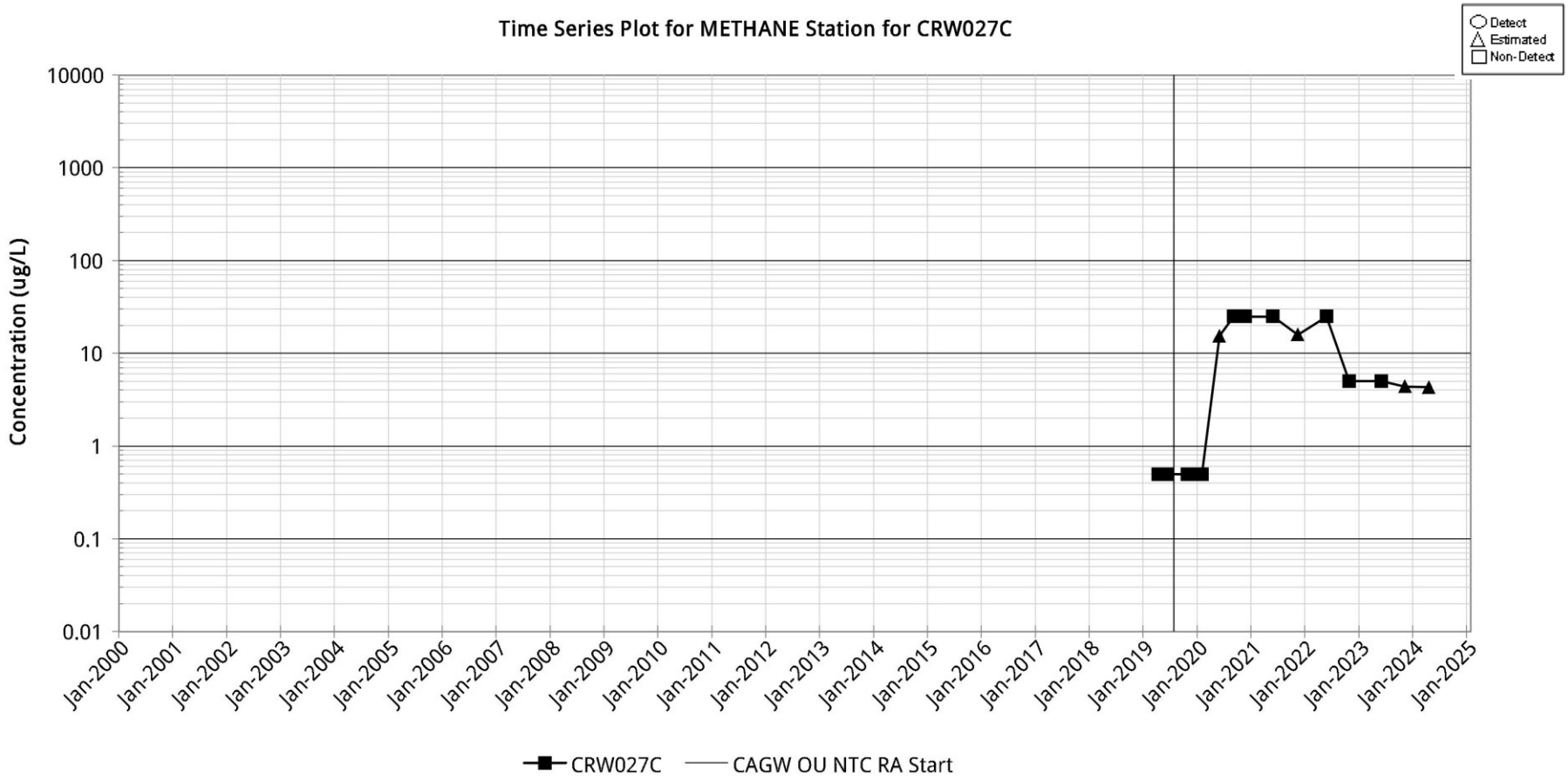

Time Series Plot for METHANE Station for CRW027C
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW027C
CAGW OU NTC RA Start

Figure C-75

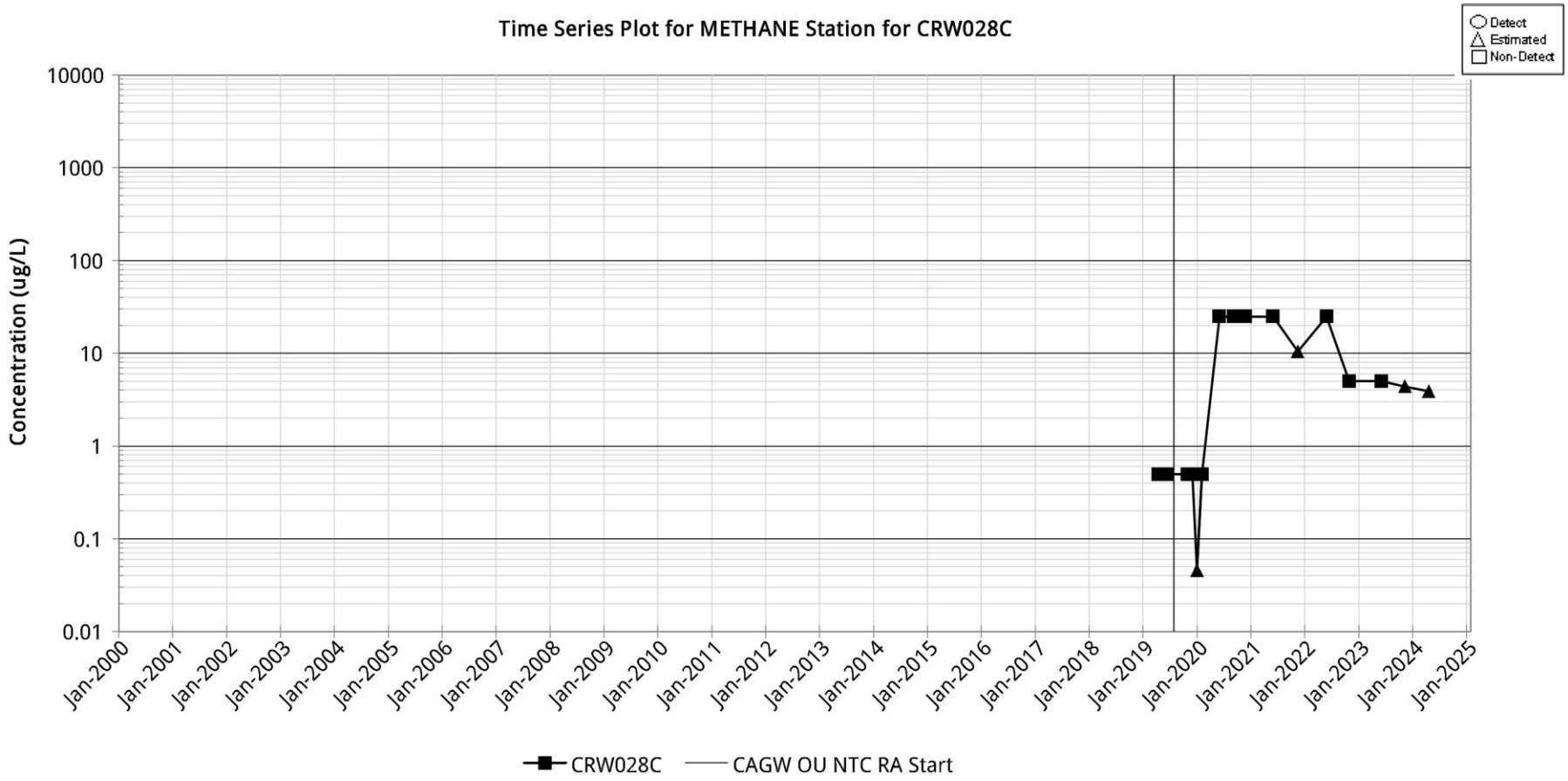

Time Series Plot for METHANE Station for CRW028C
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW028C
CAGW OU NTC RA Start

Figure C-76

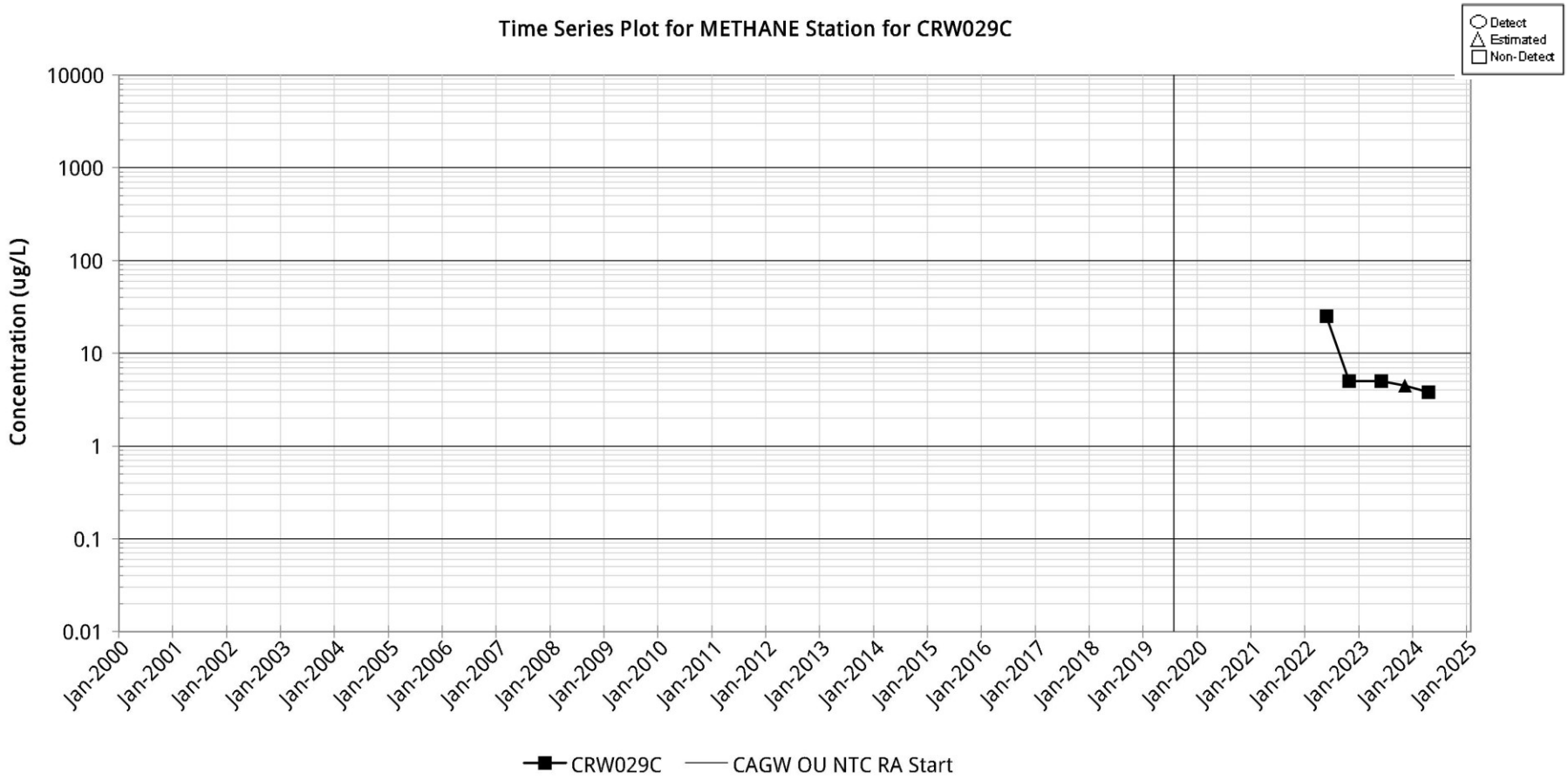

Time Series Plot for METHANE Station for CRW029C
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW029C
CAGW OU NTC RA Start

Figure C-77

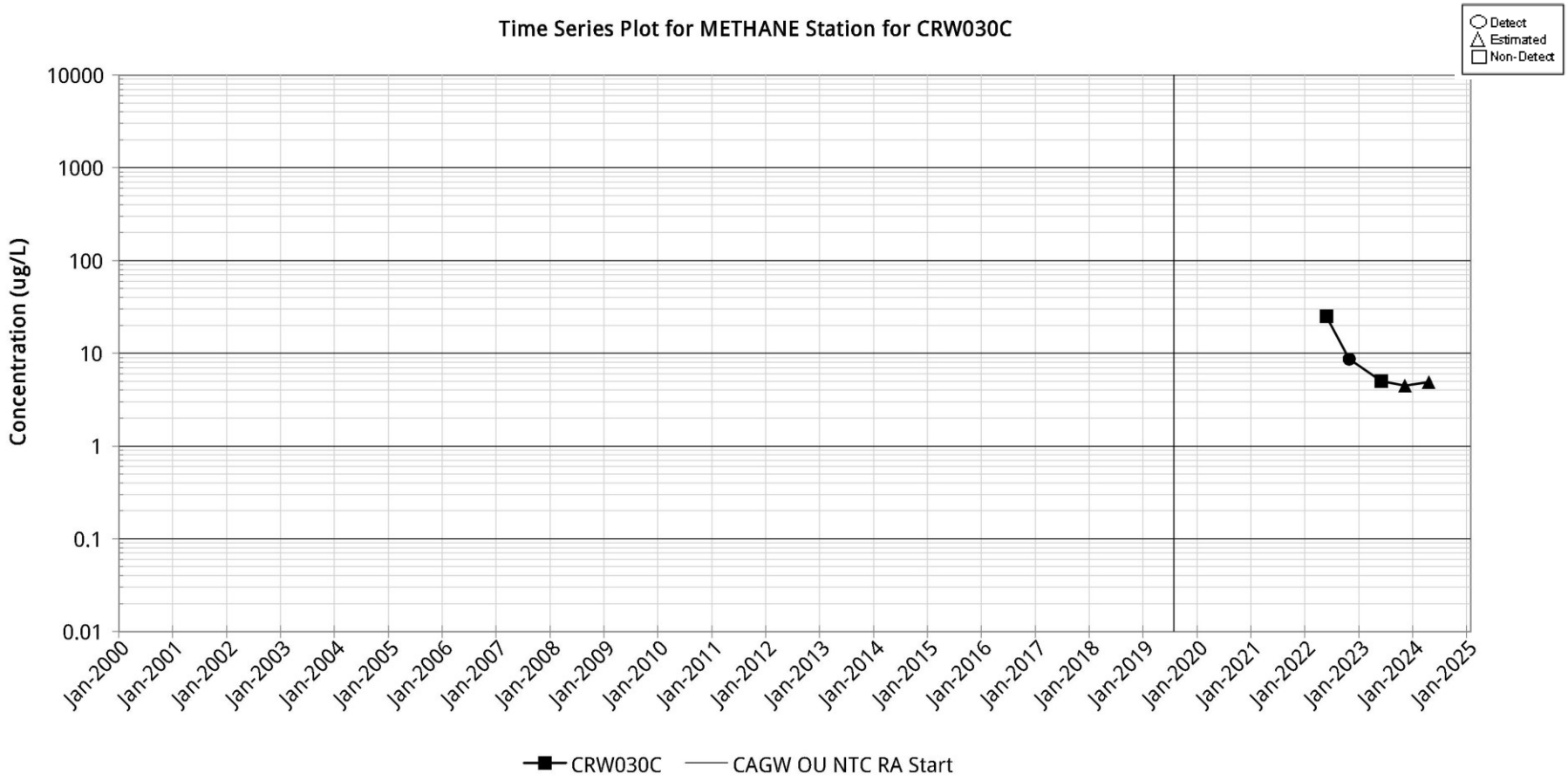

Time Series Plot for METHANE Station for CRW030C
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW030C
CAGW OU NTC RA Start

Figure C-78

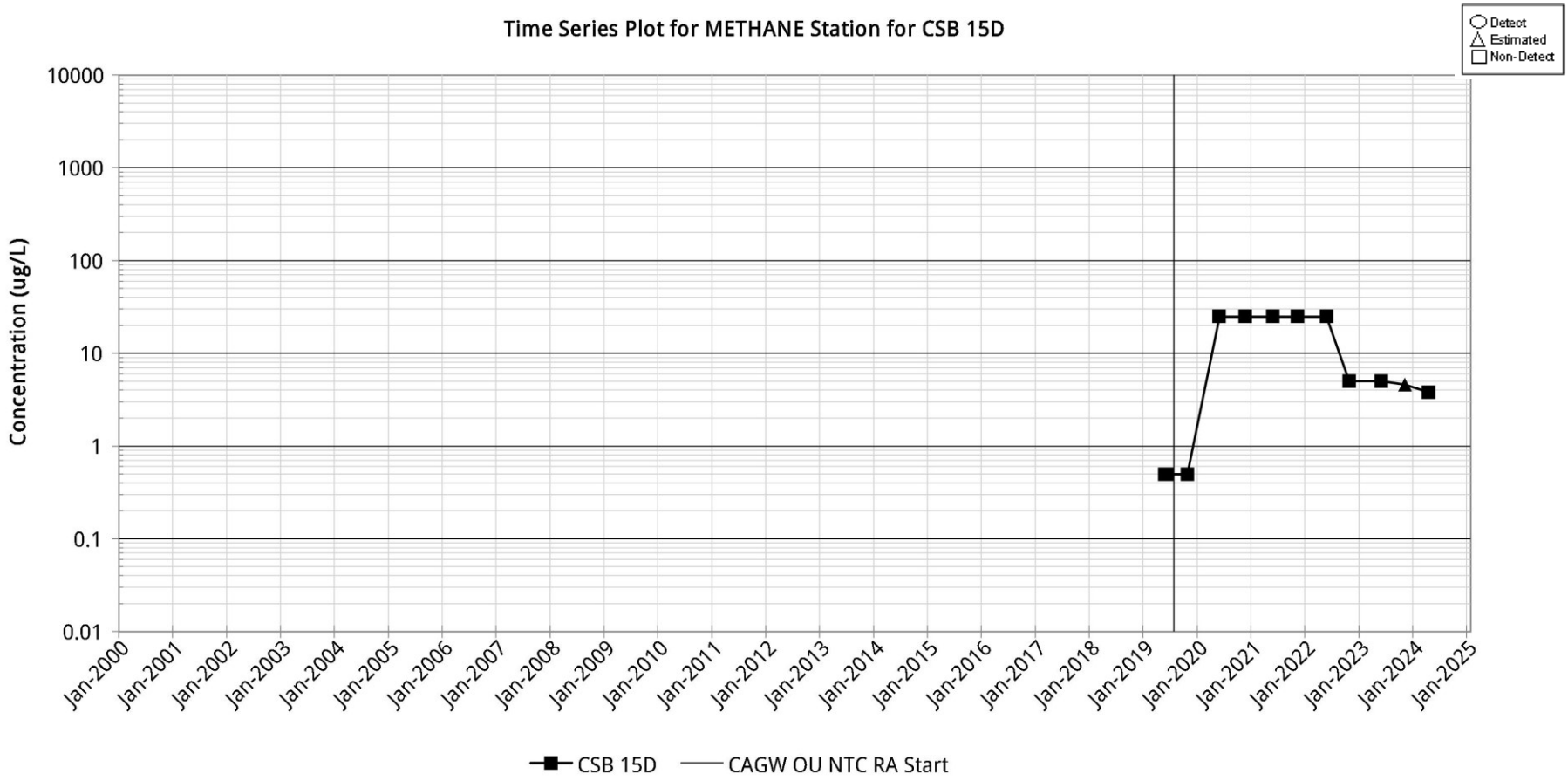

Time Series Plot for METHANE Station for CSB 15D
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB 15D
CAGW OU NTC RA Start

Figure C-79

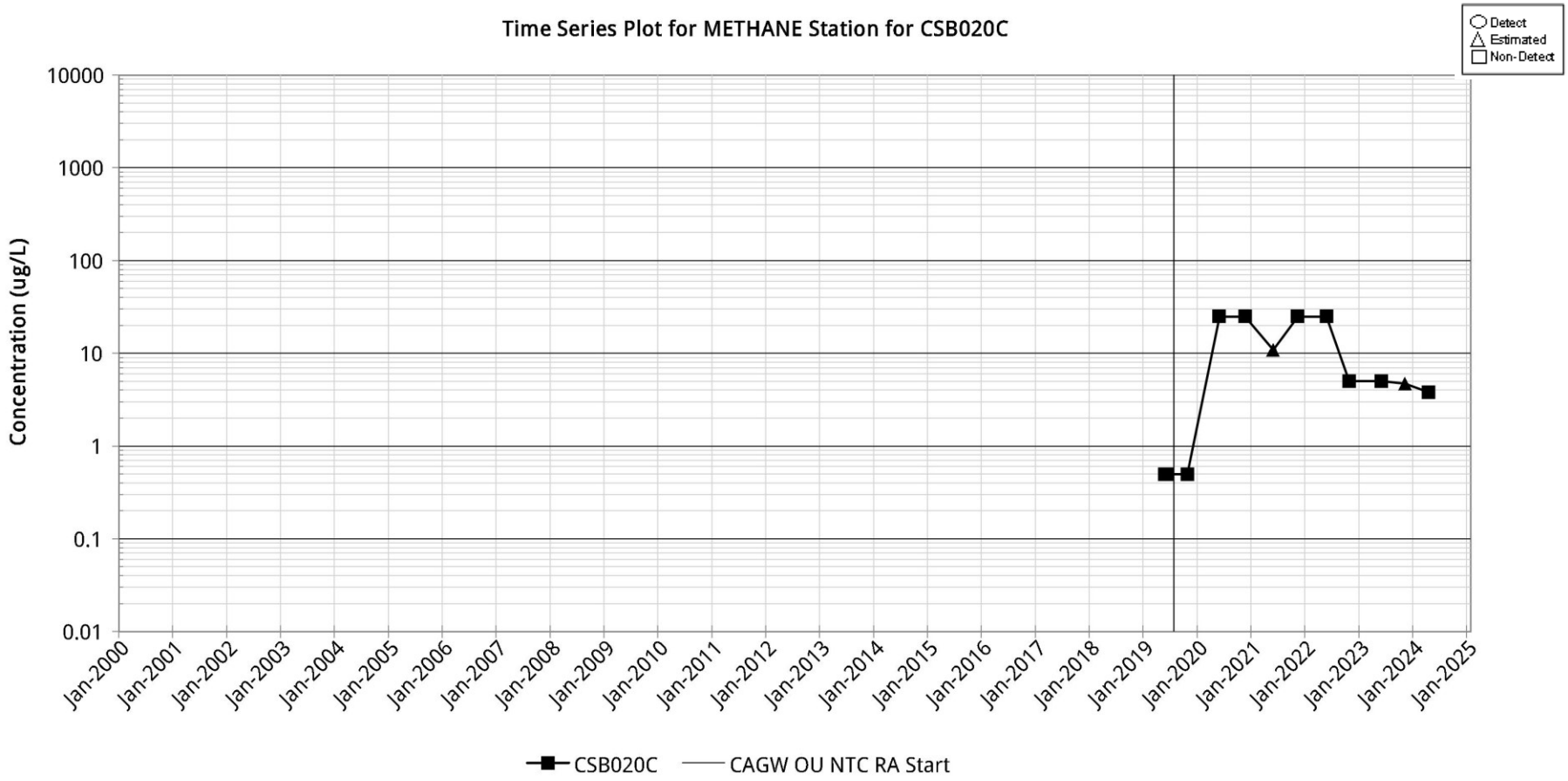

Time Series Plot for METHANE Station for CSB020C
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB020C
CAGW OU NTC RA Start

Figure C-80

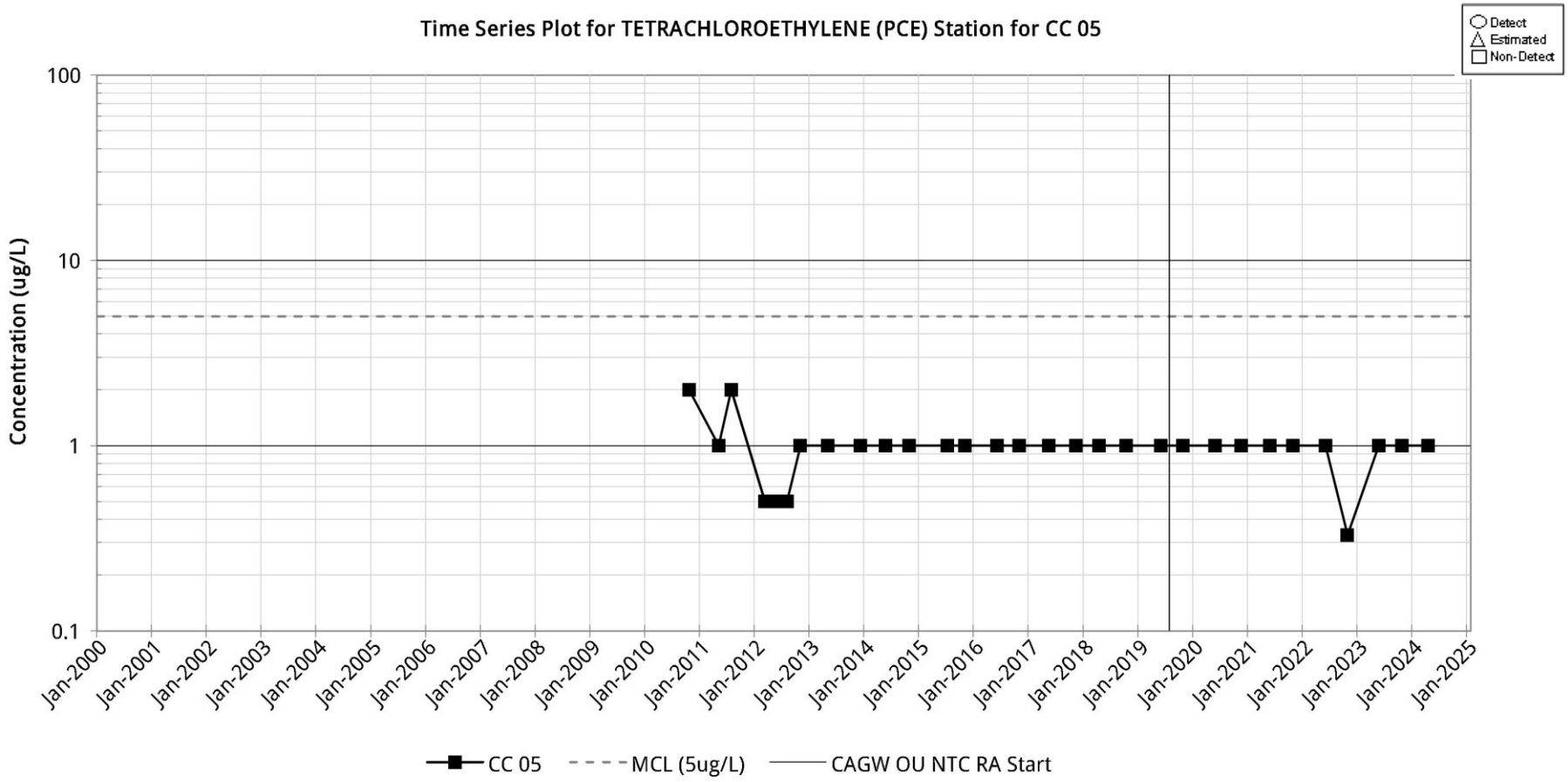

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CC 05
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 05
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-81

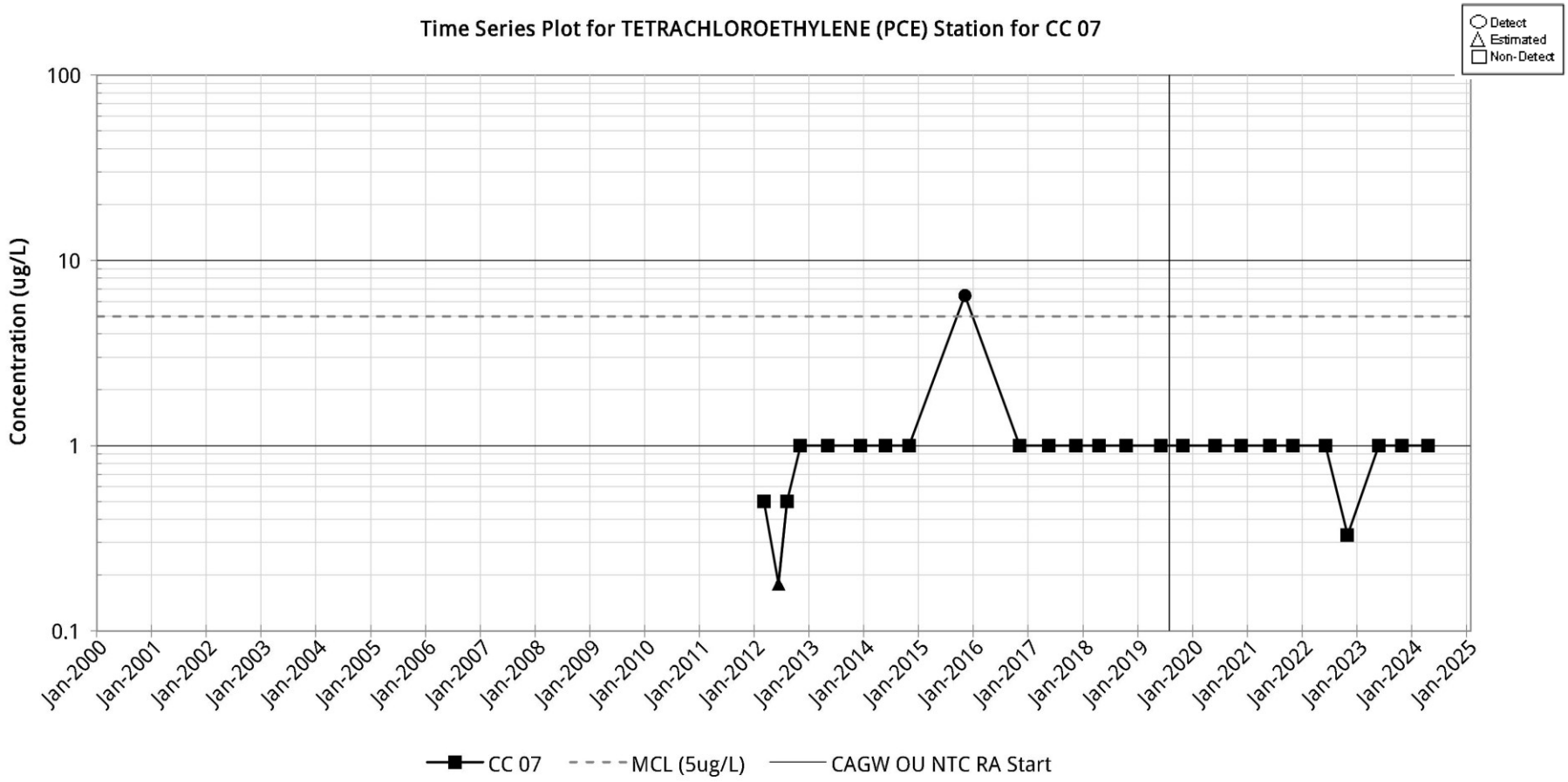

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CC 07
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 07
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-82

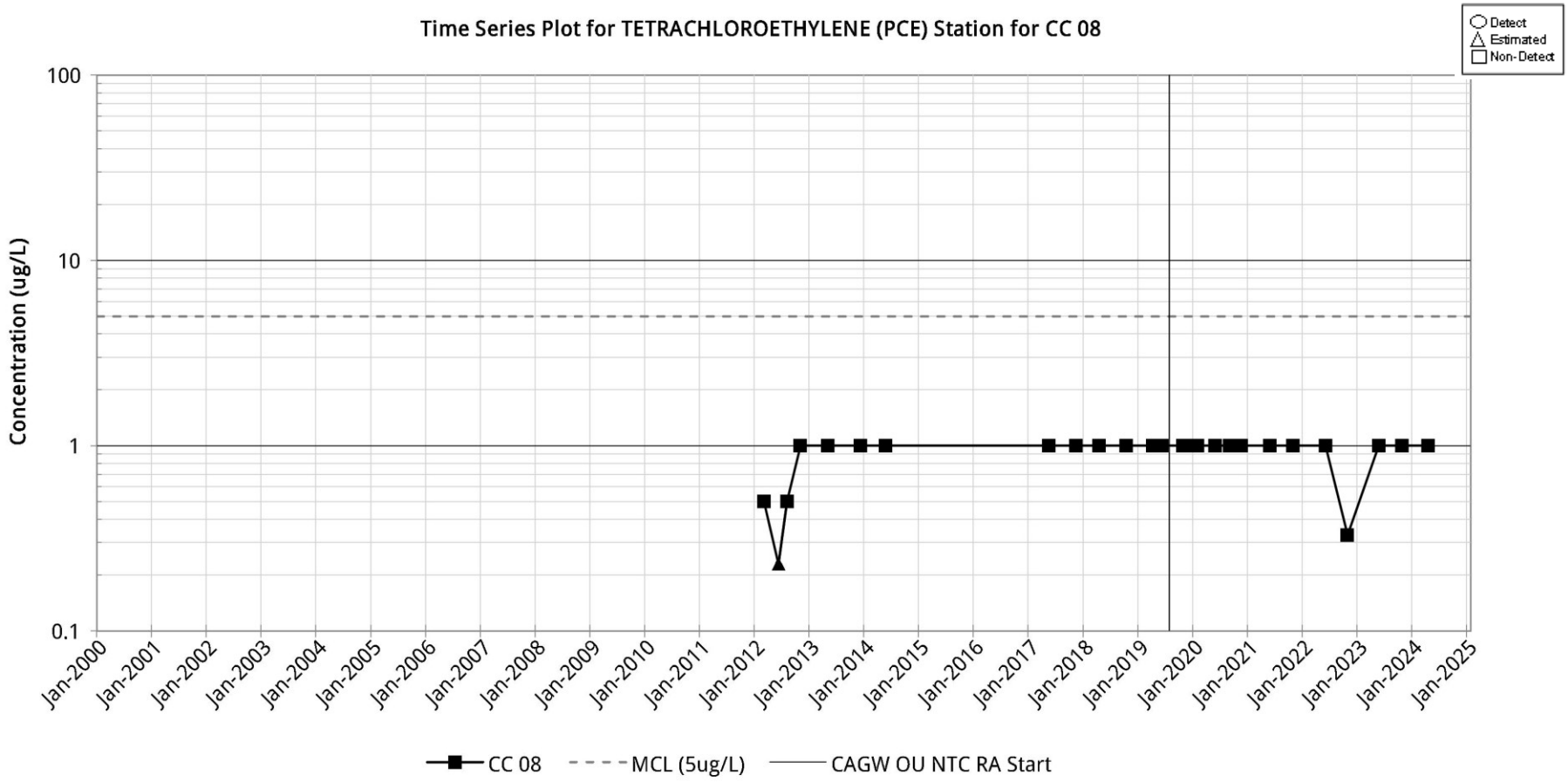

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CC 08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 08
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-83

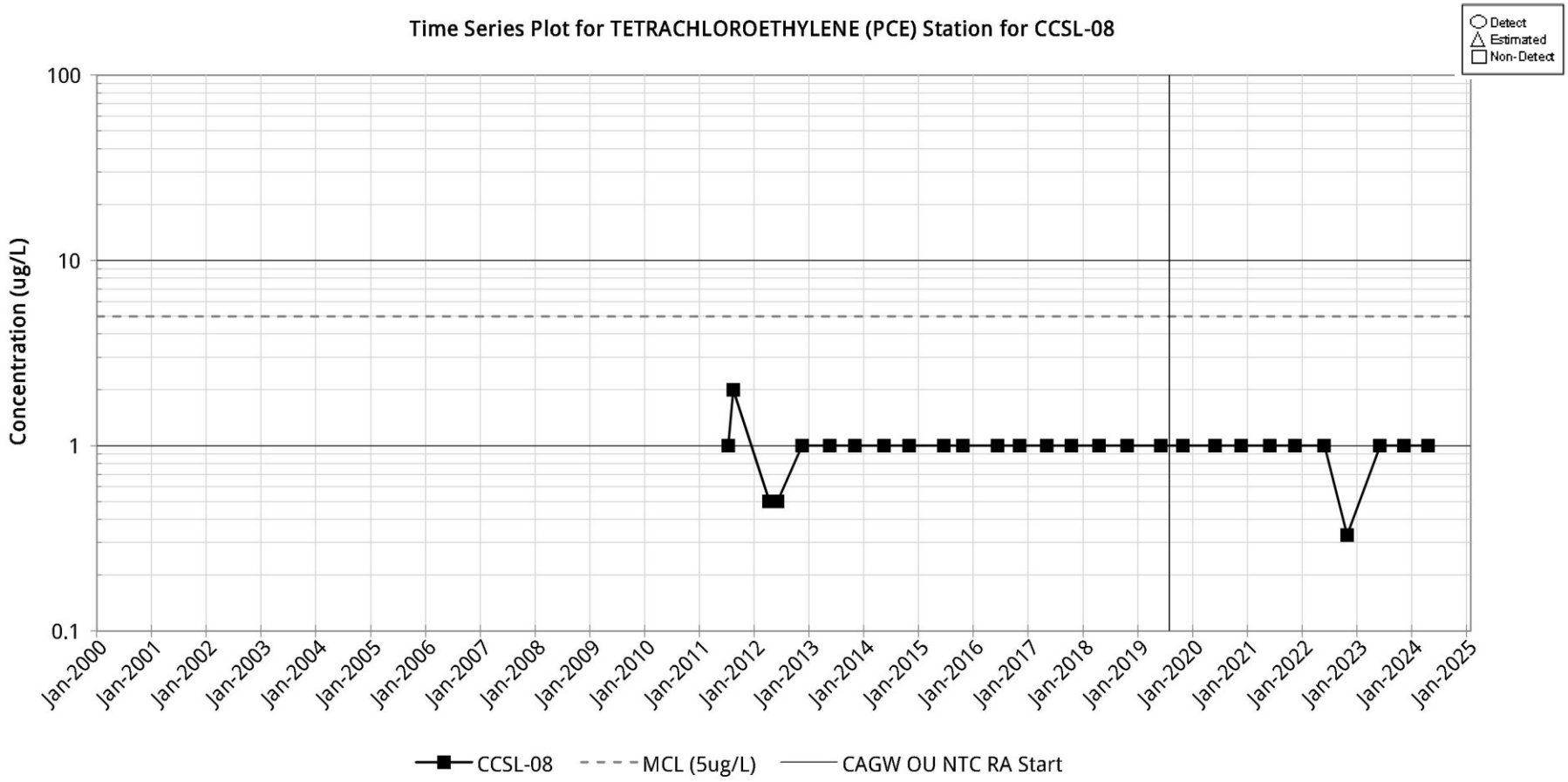

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCSL-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-08
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-84

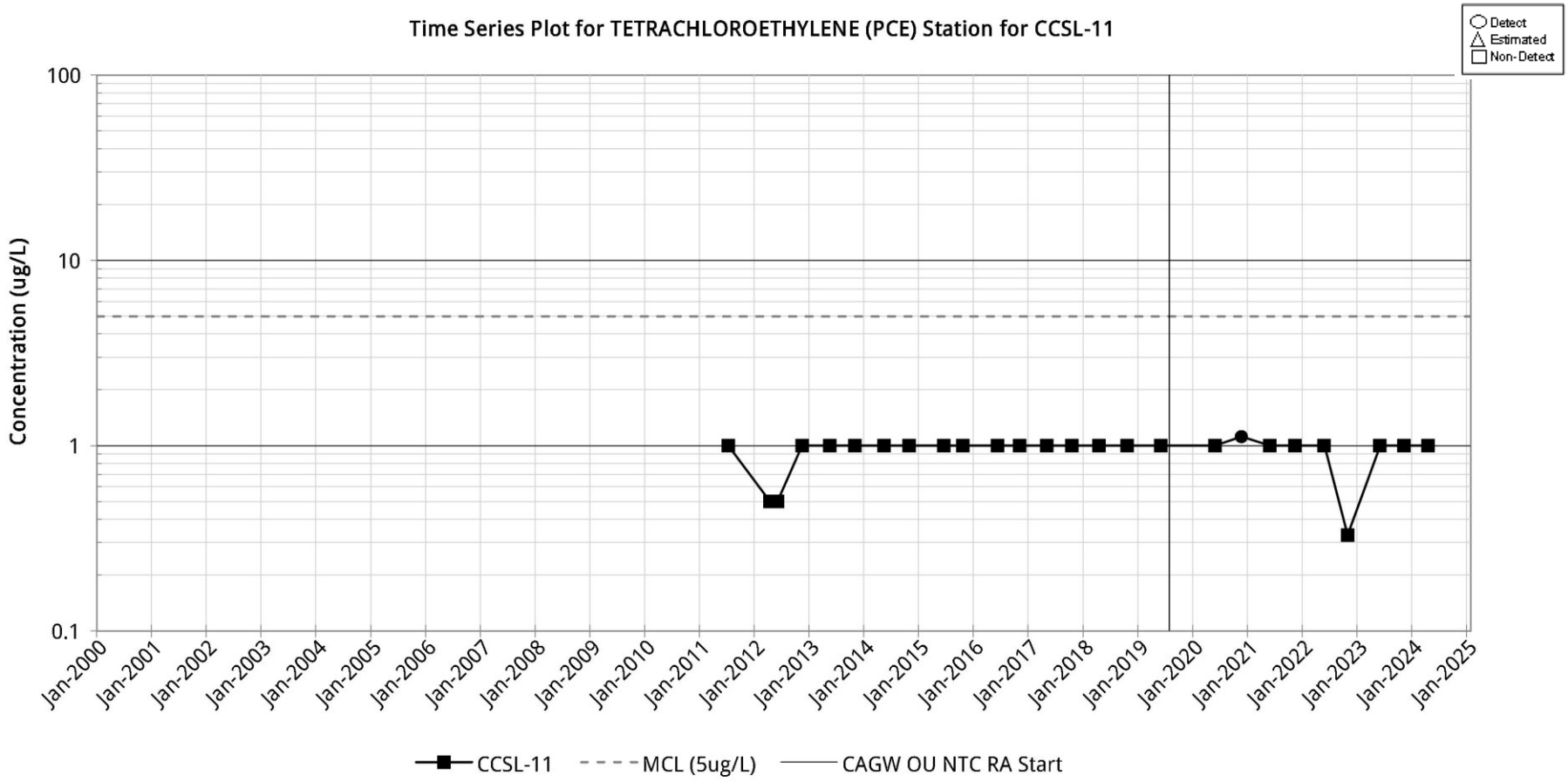

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCSL-11
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-11
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-85

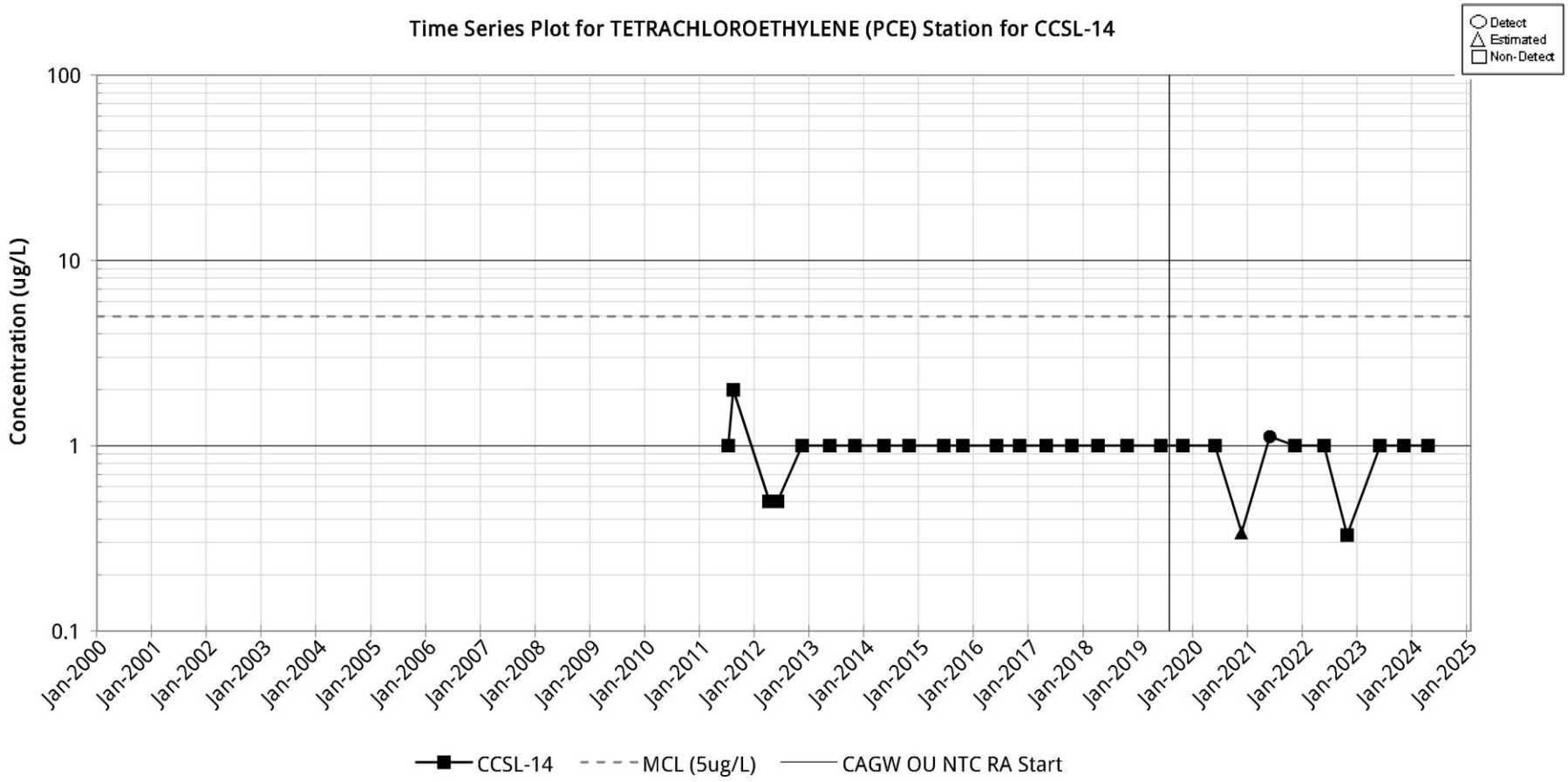

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCSL-14
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-14
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-86

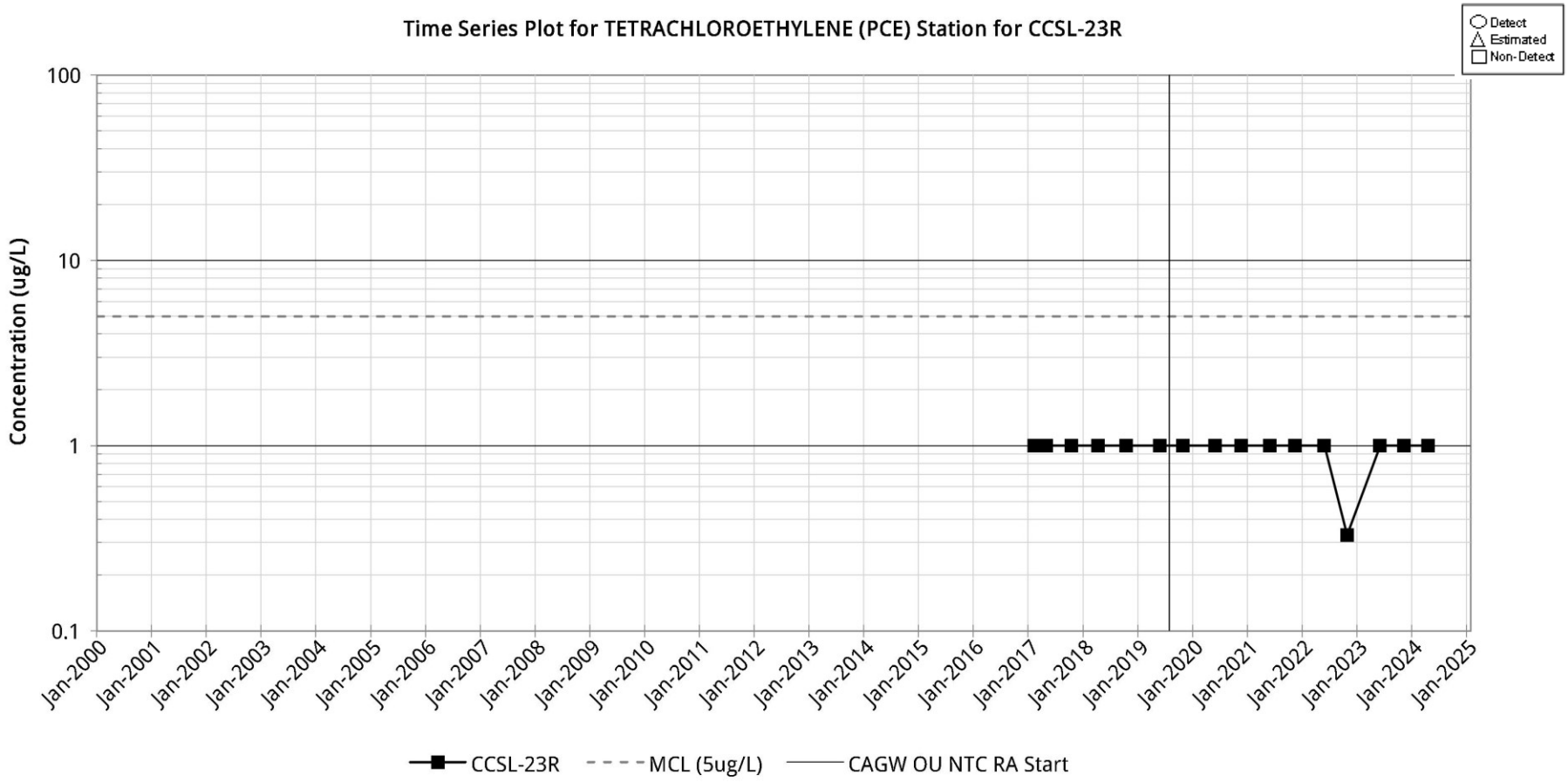

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCSL-23R
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-23R
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-87

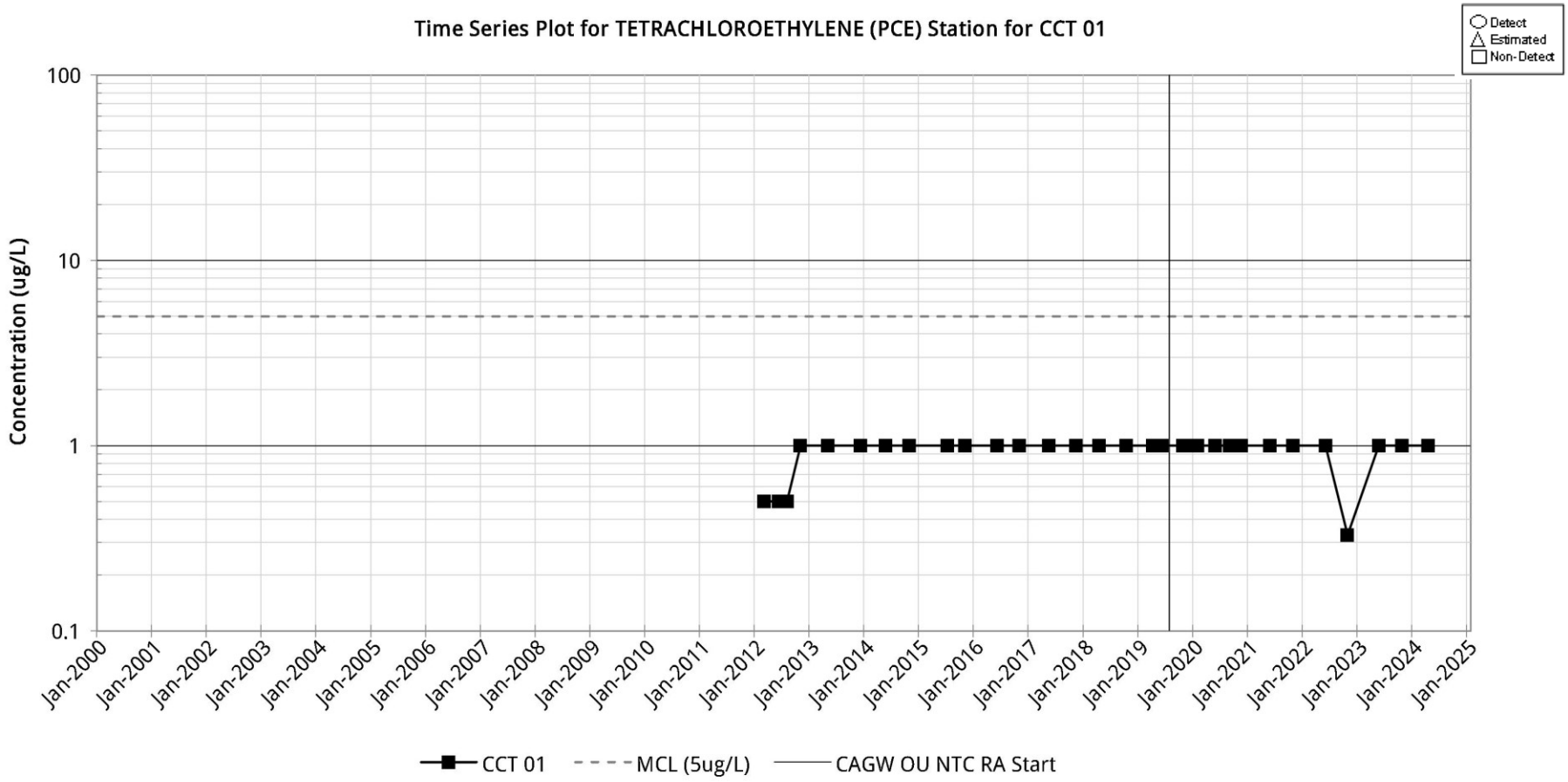

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCT 01
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 01
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-88

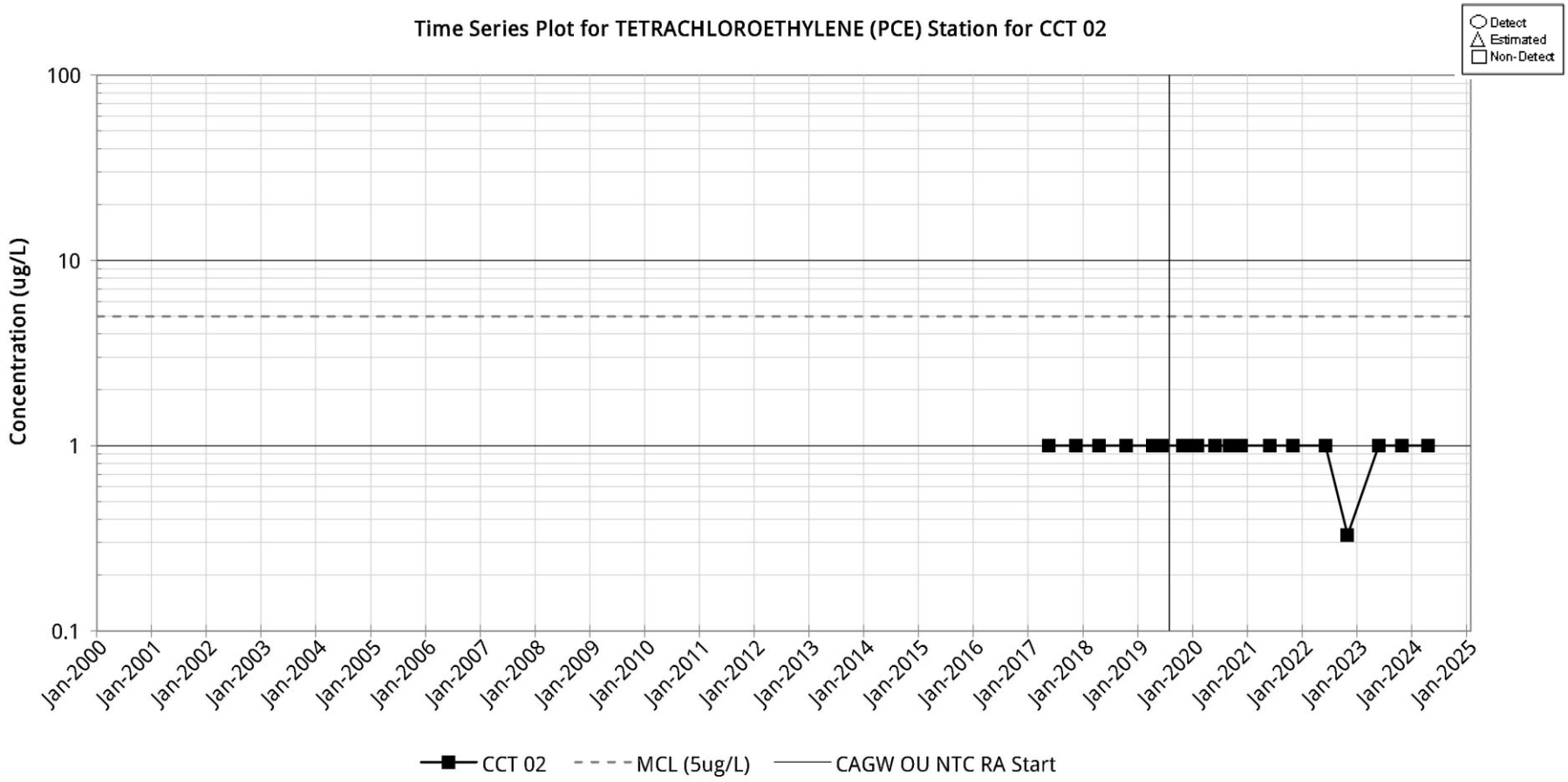

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCT 02
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 02
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-89

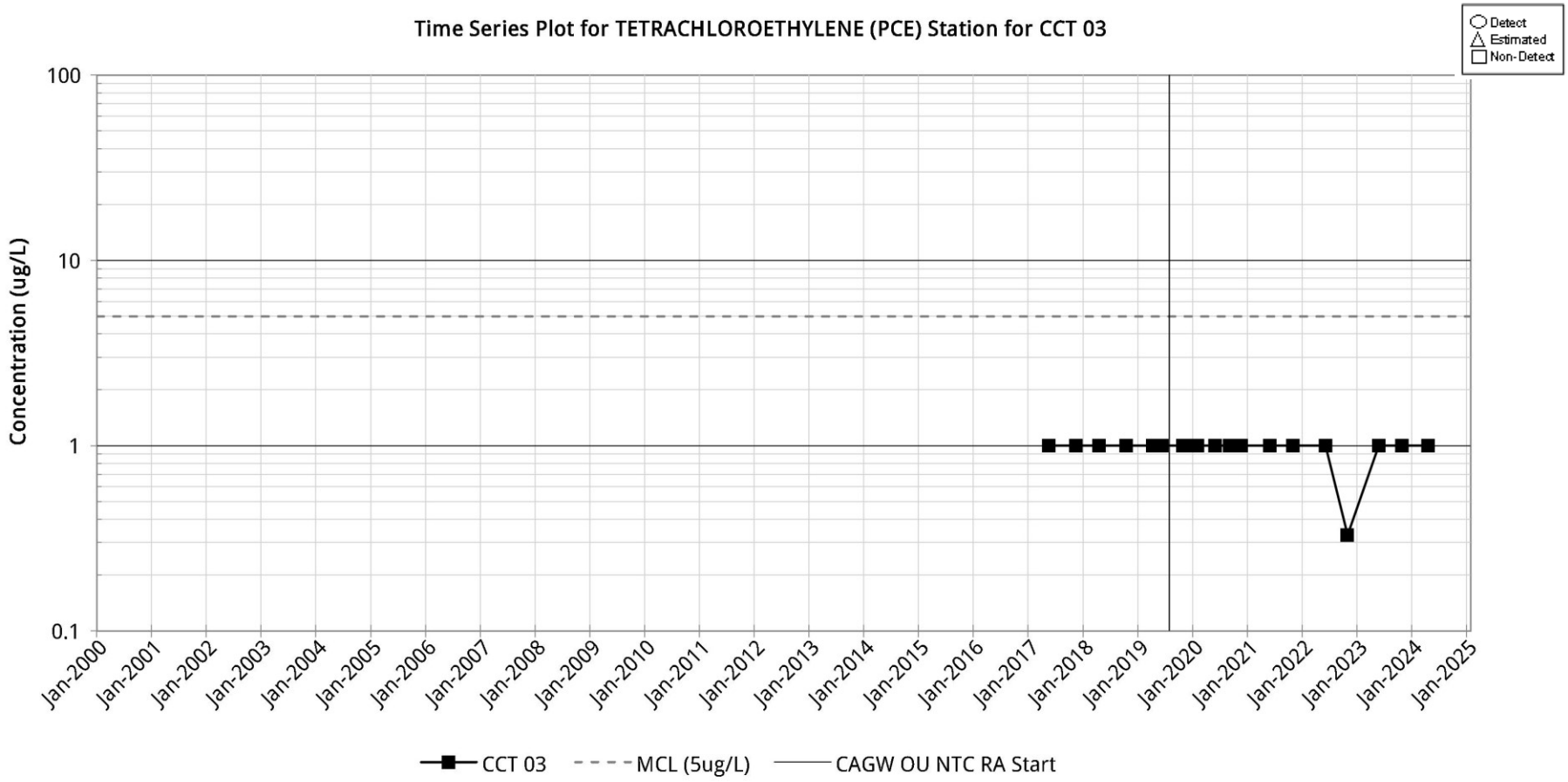

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCT 03
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 03
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-90

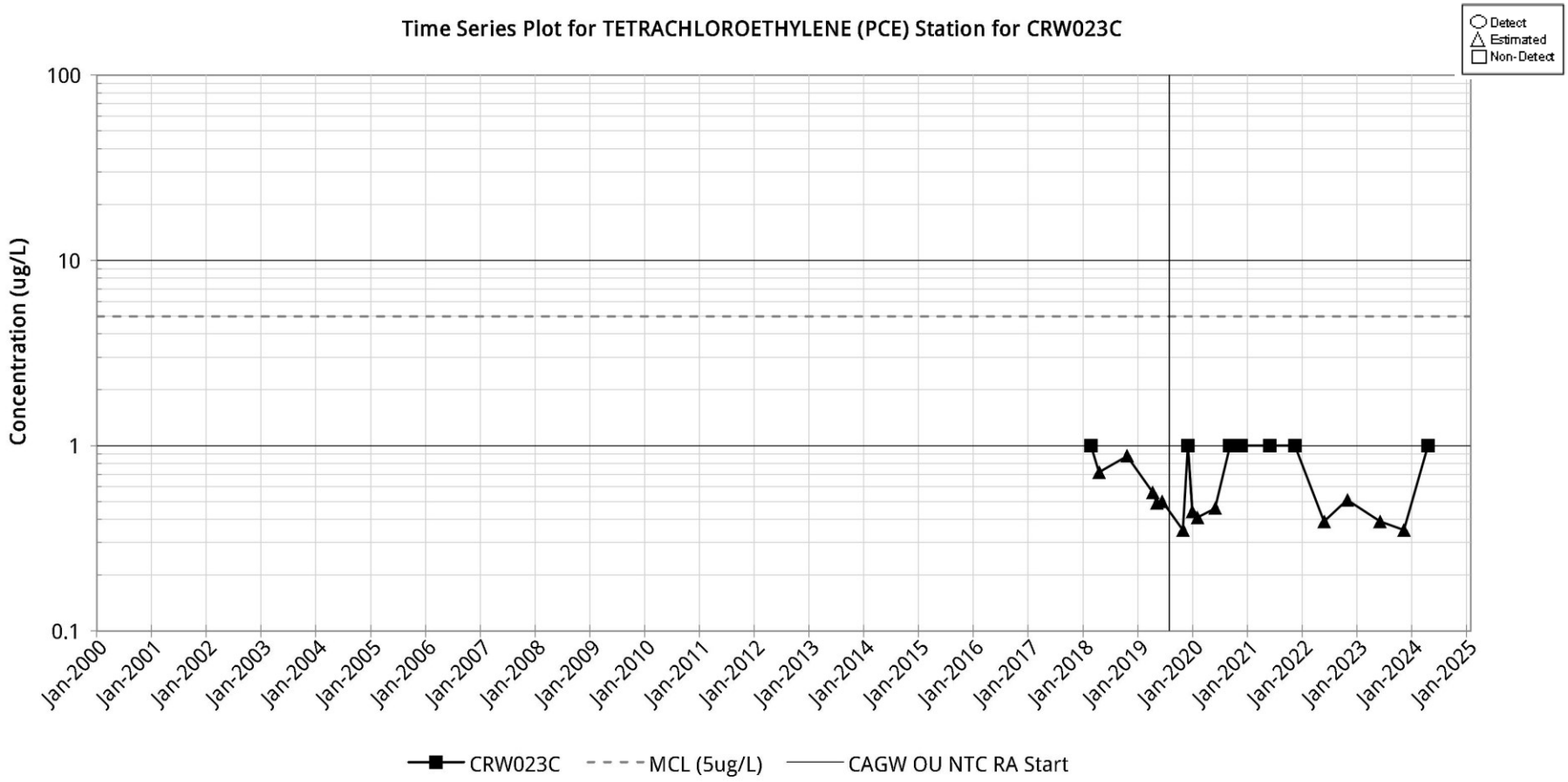

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW023C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW023C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-91

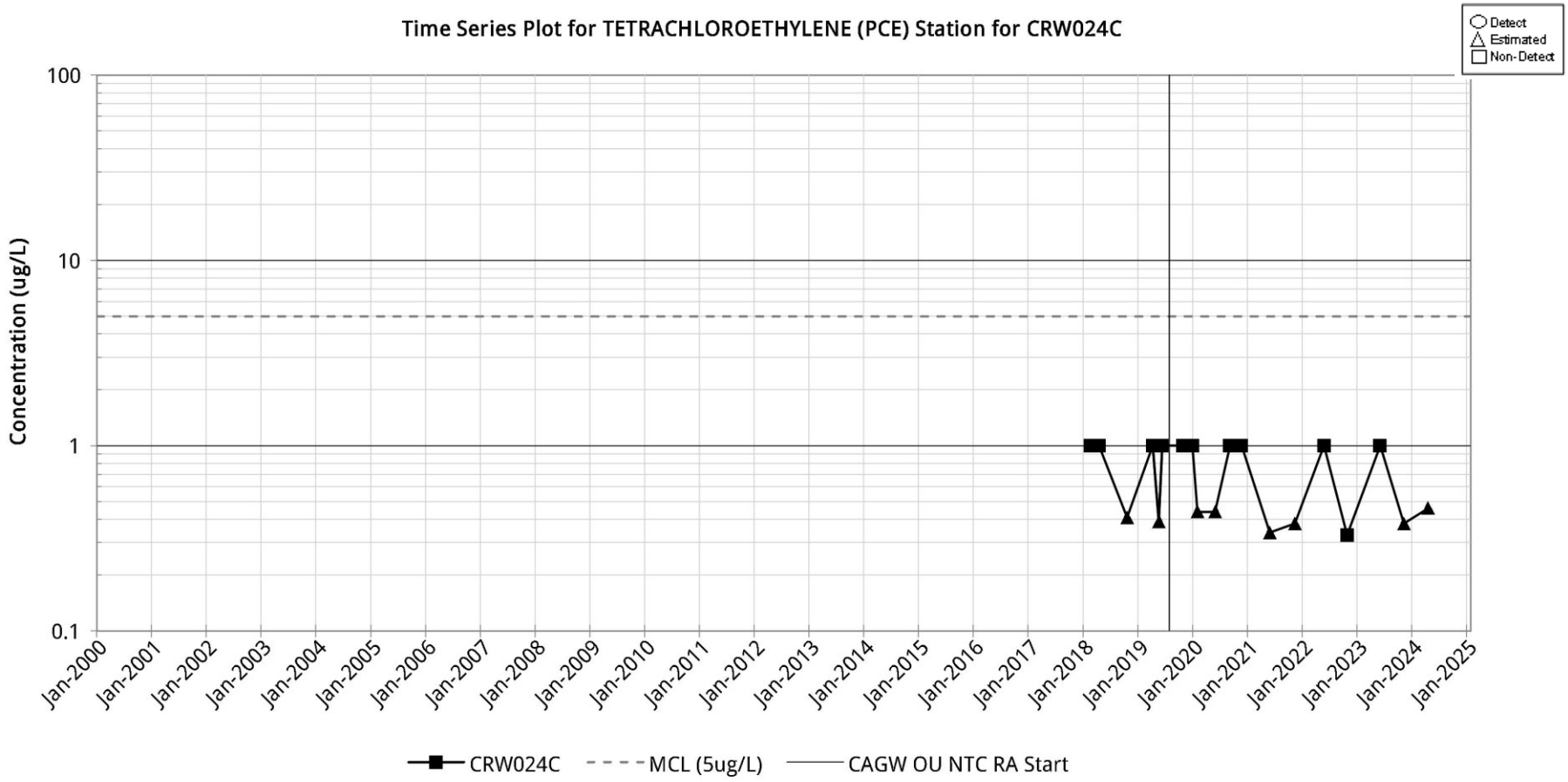

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW024C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW024C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-92

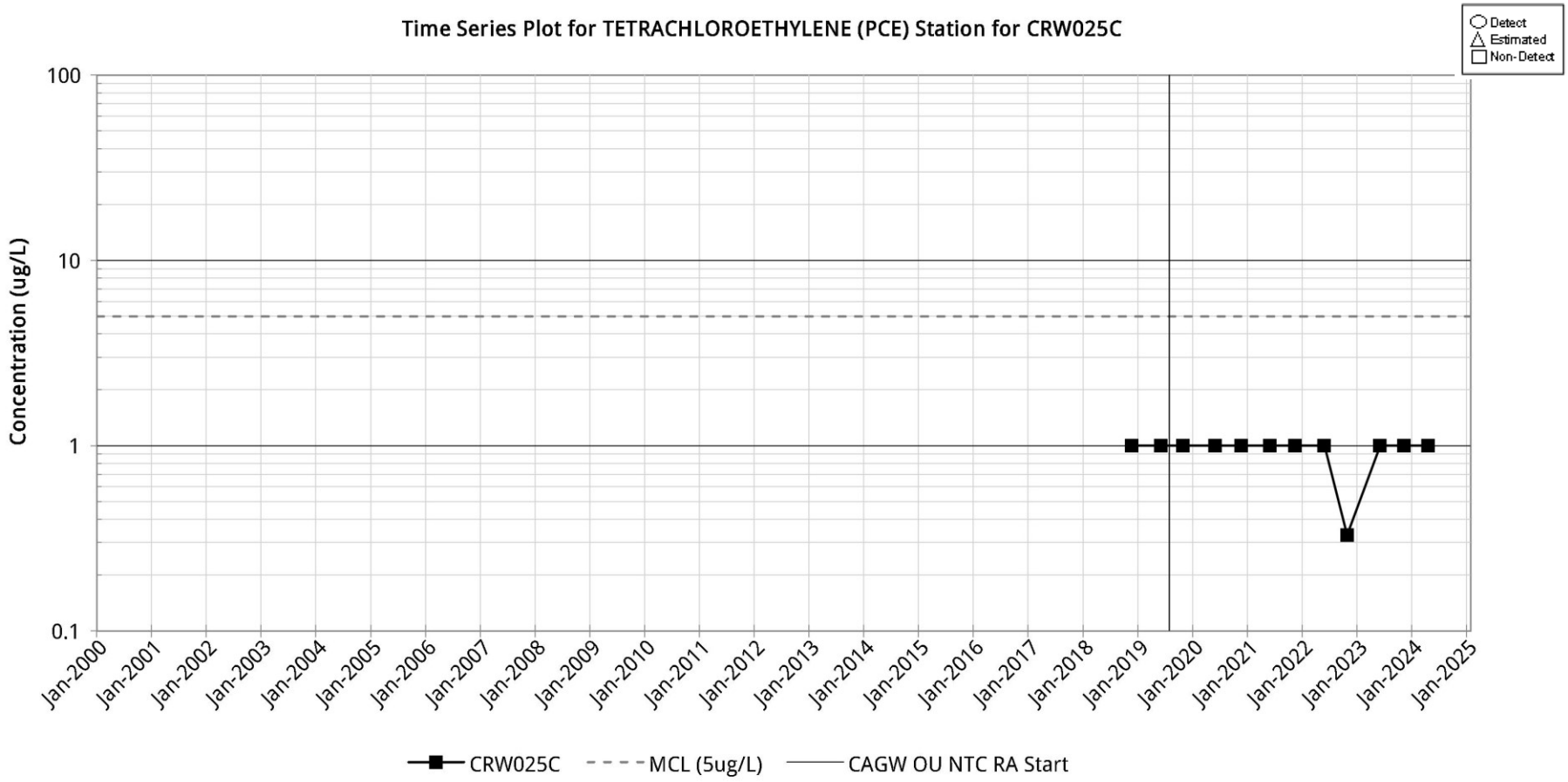

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW025C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW025C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-93

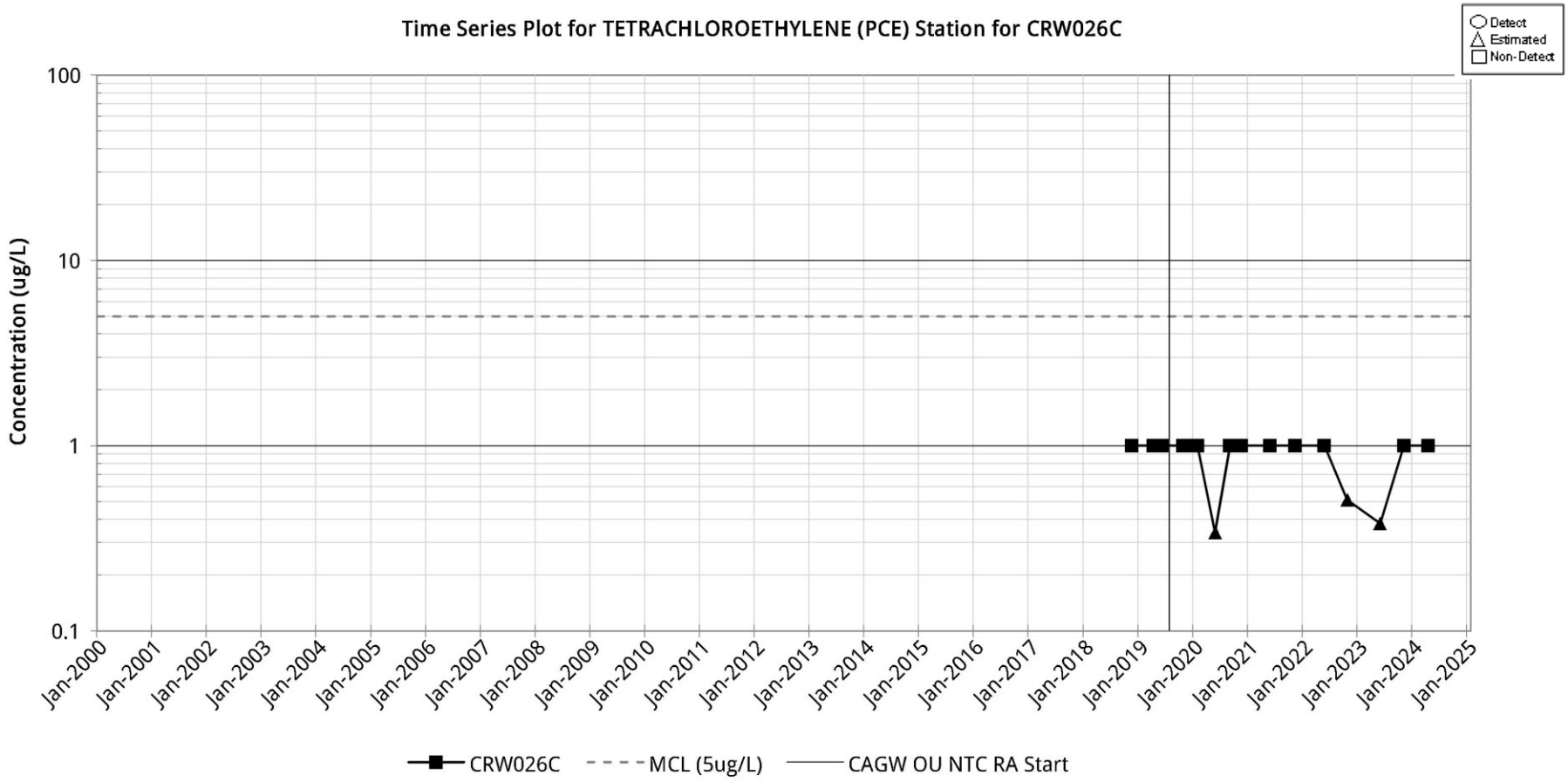

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW026C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW026C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-94

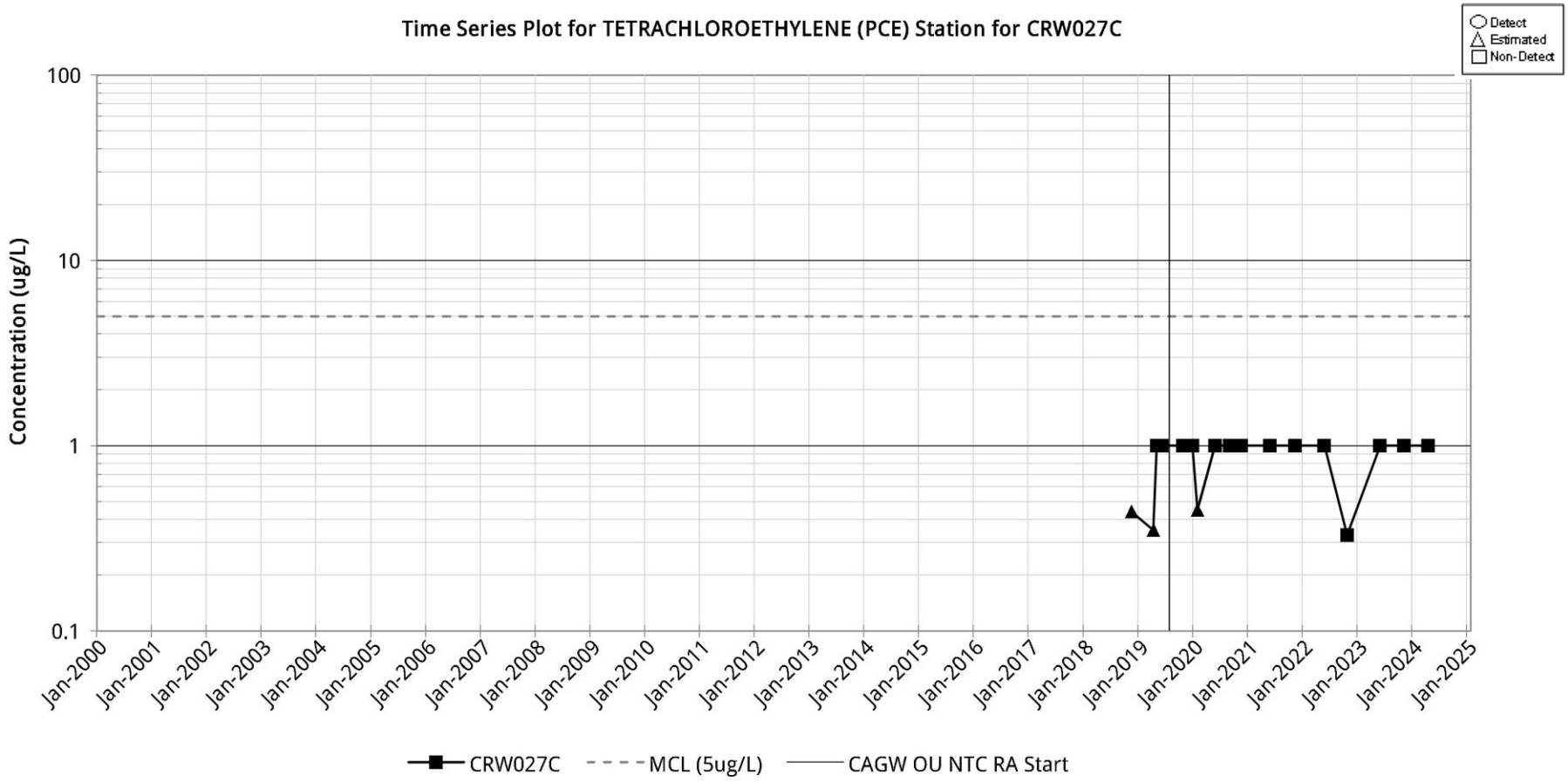

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW027C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW027C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-95

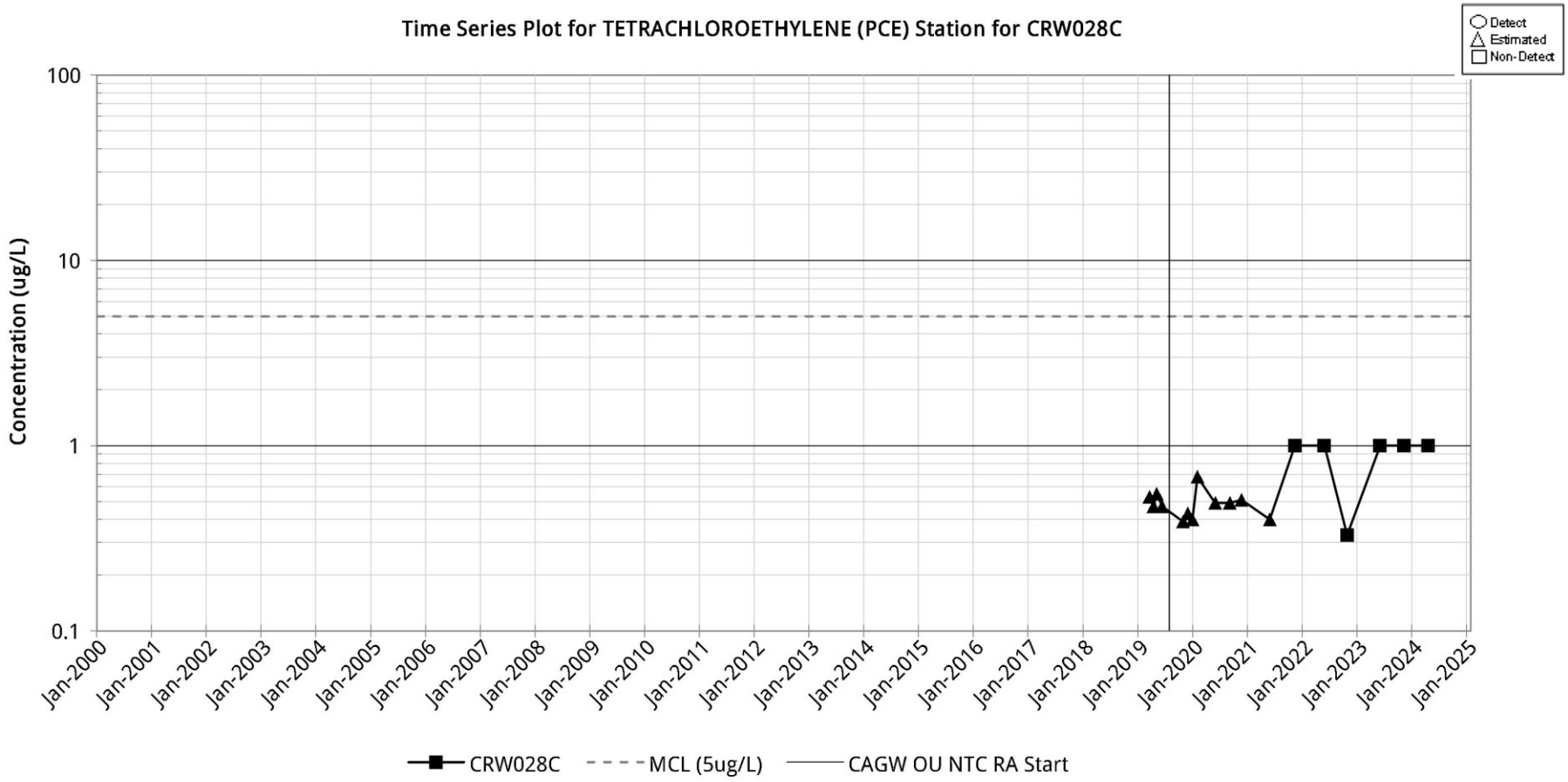

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW028C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW028C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-96

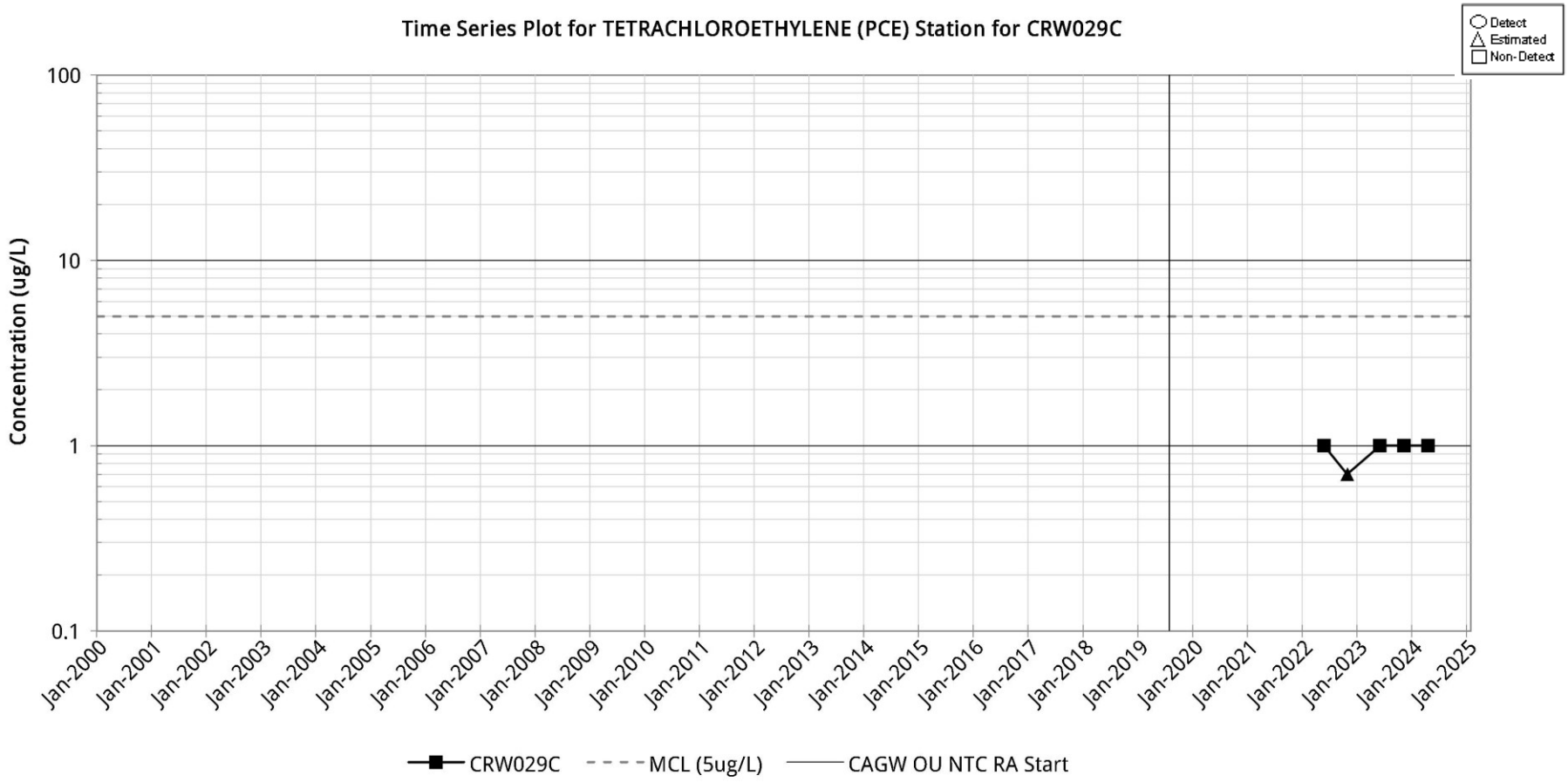

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW029C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW029C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-97

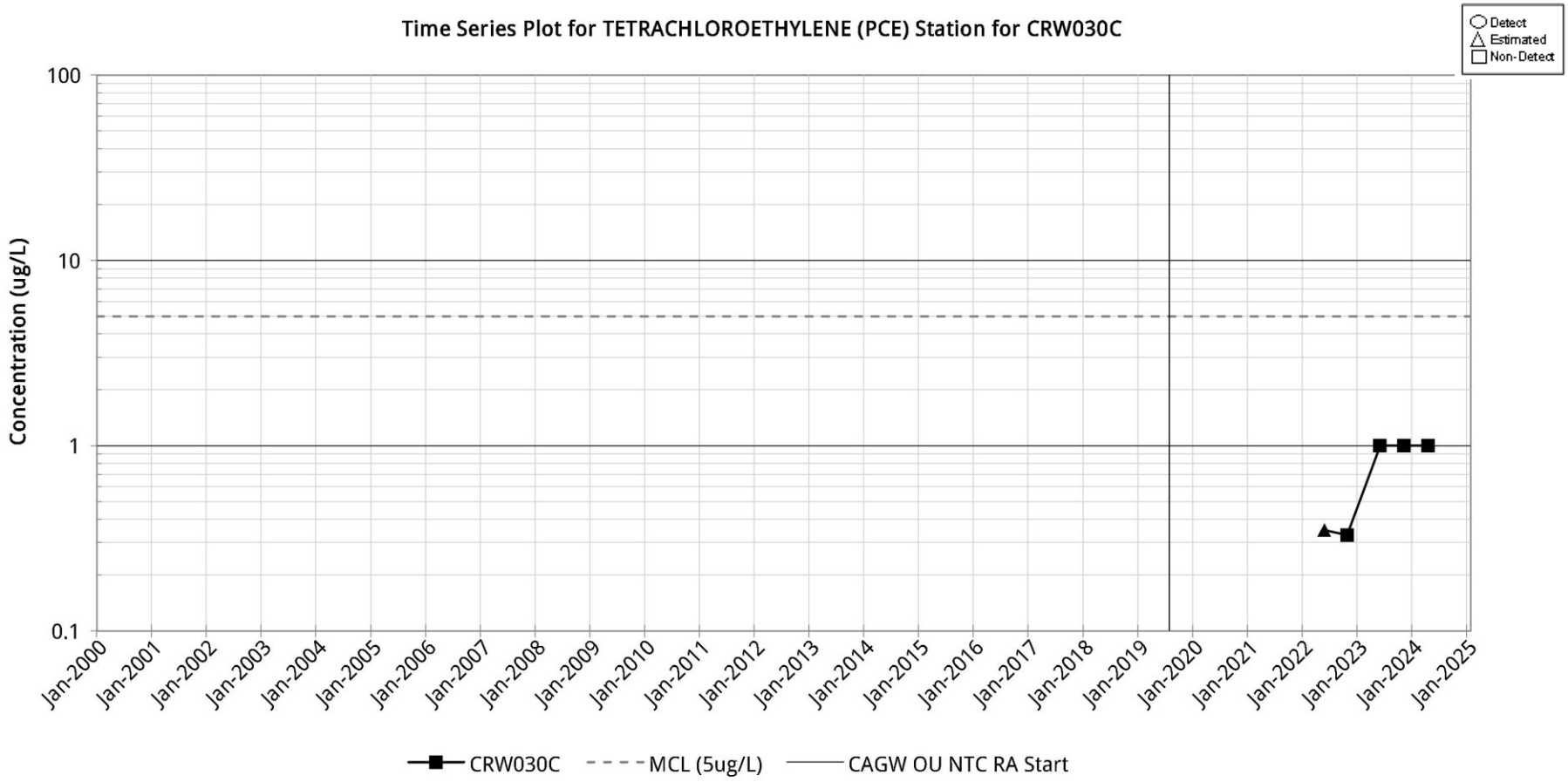

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW030C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW030C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-98

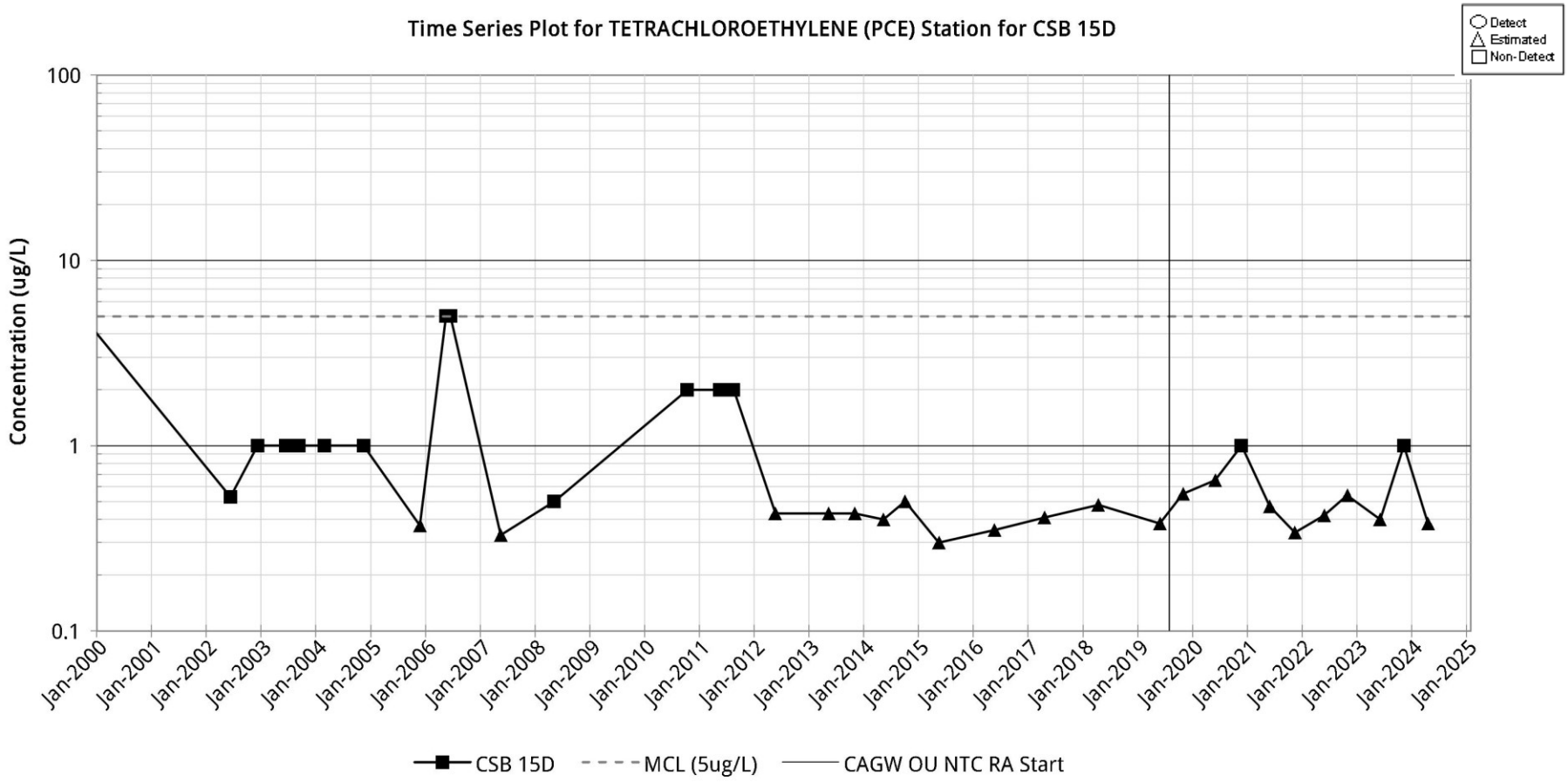

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CSB 15D
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB 15D
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-99

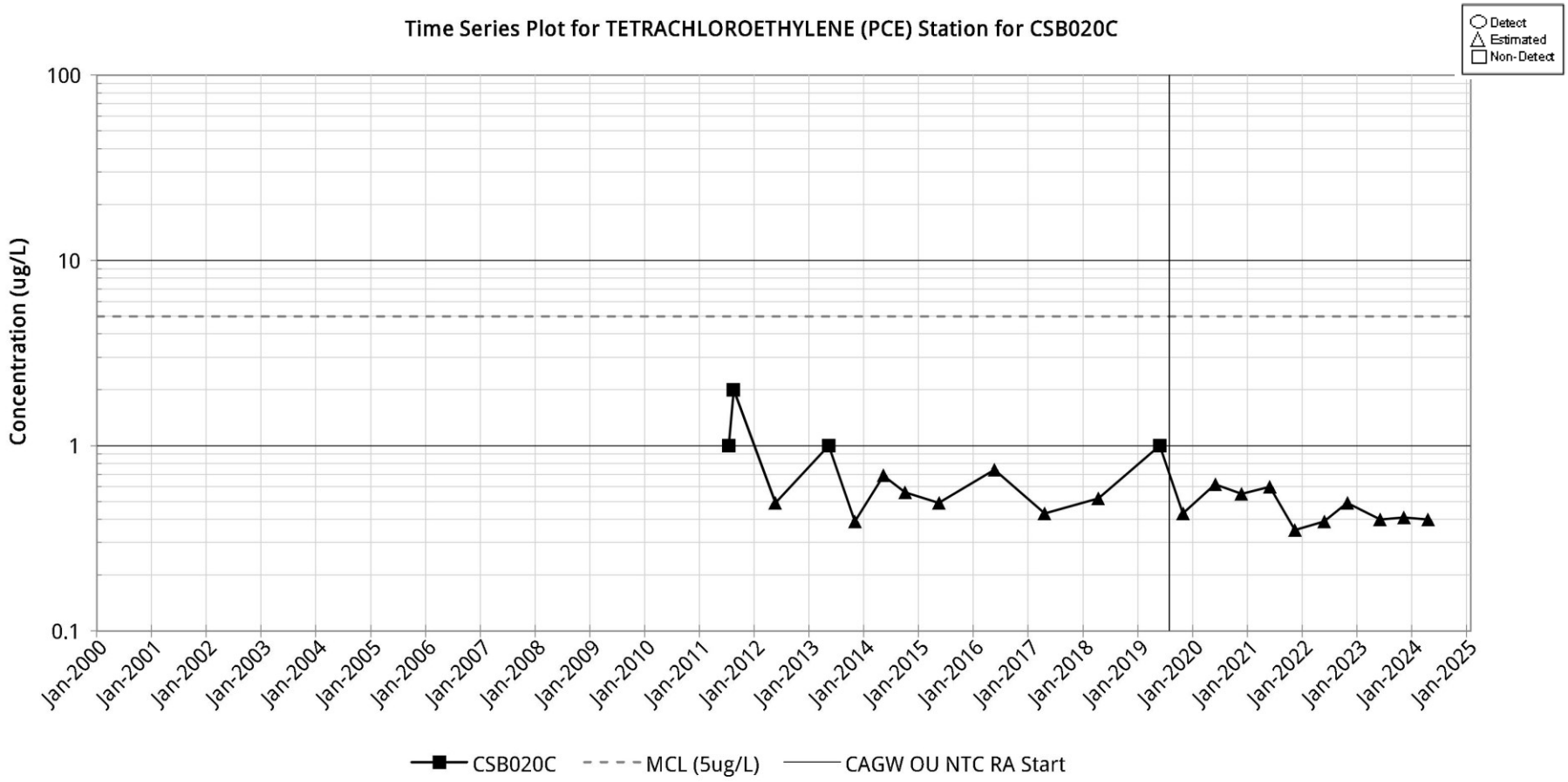

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CSB020C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB020C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-100

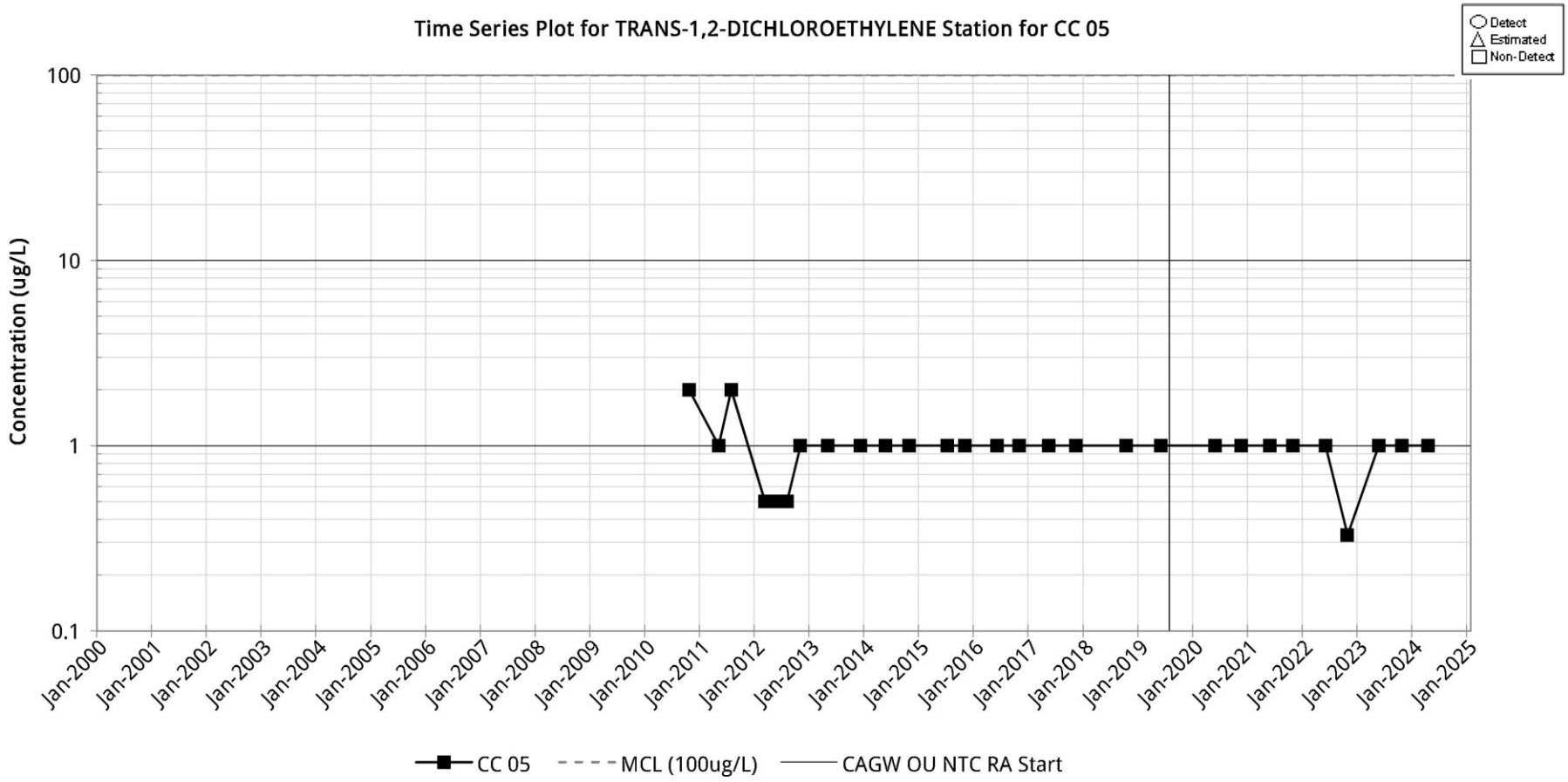

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CC 05
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 05
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-101

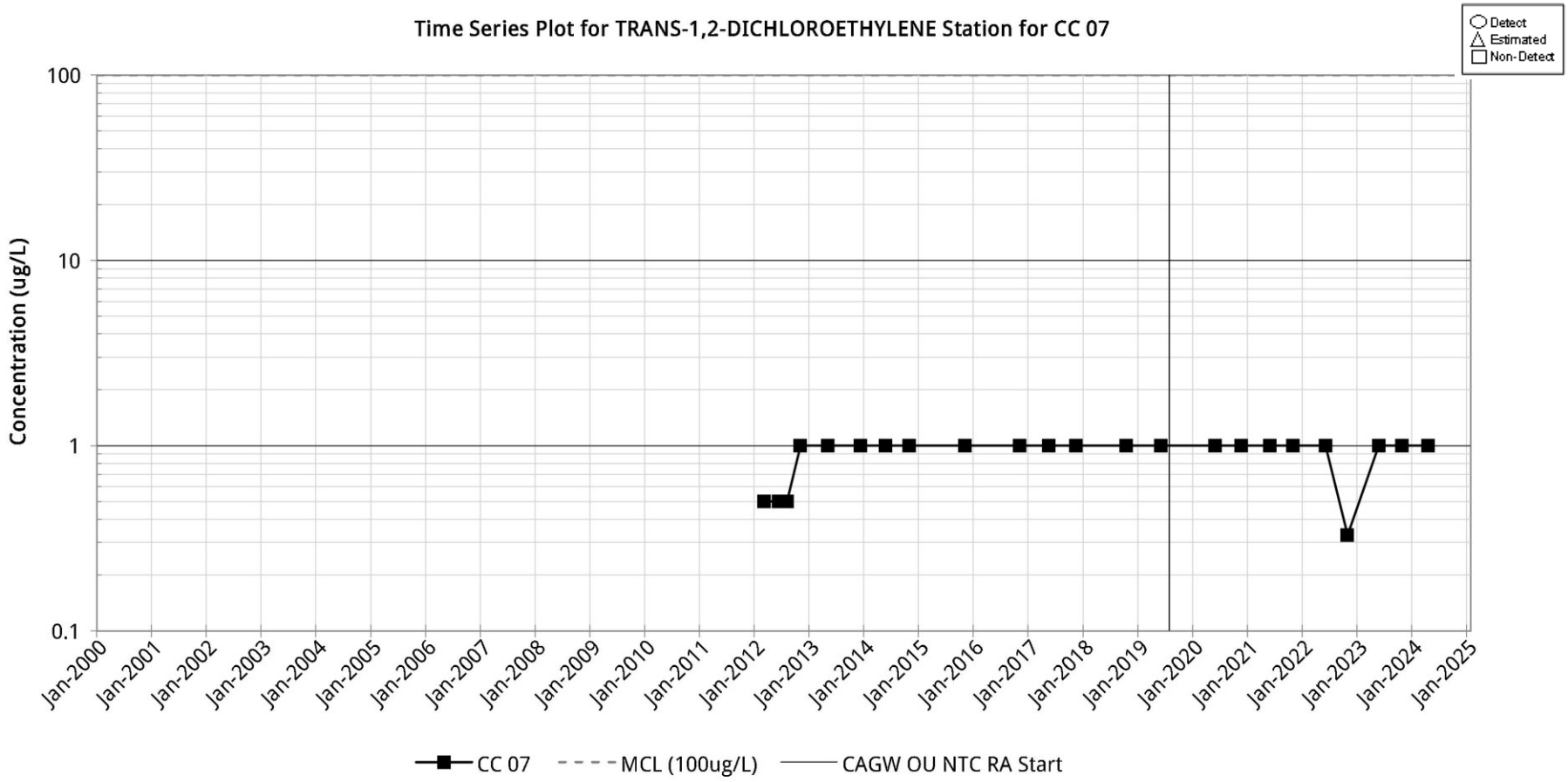

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CC 07
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 07
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-102

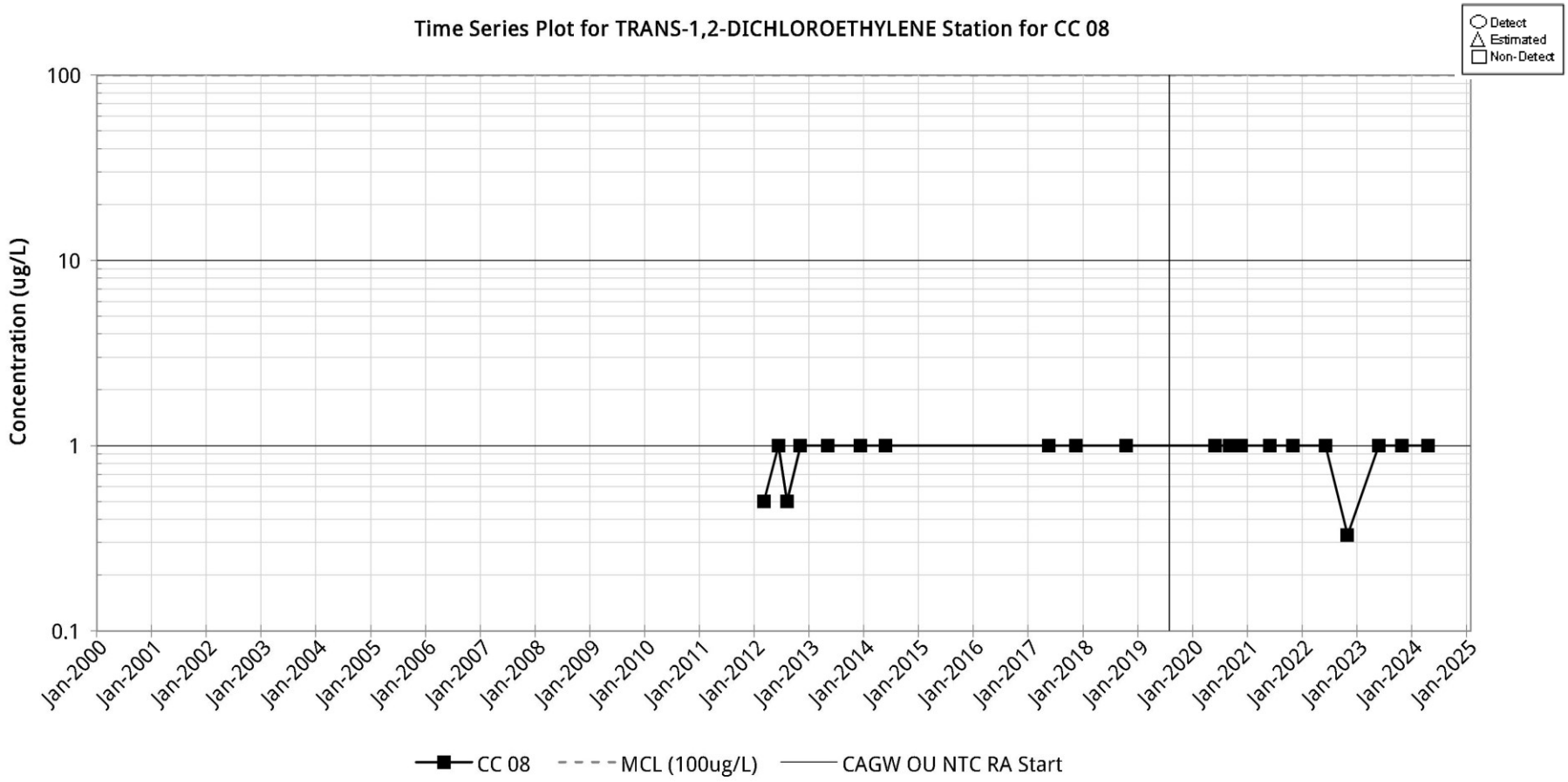

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CC 08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 08
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-103

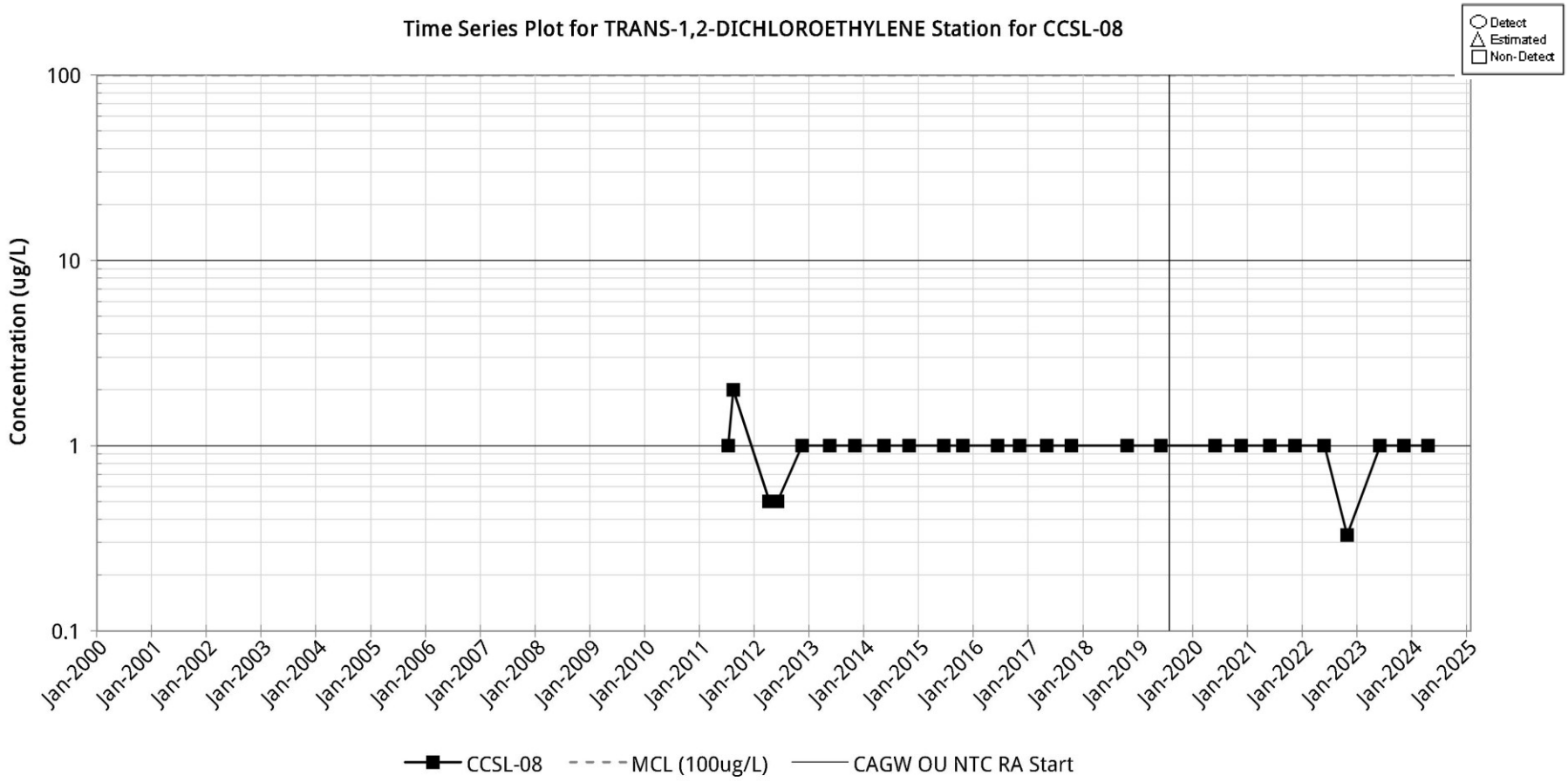
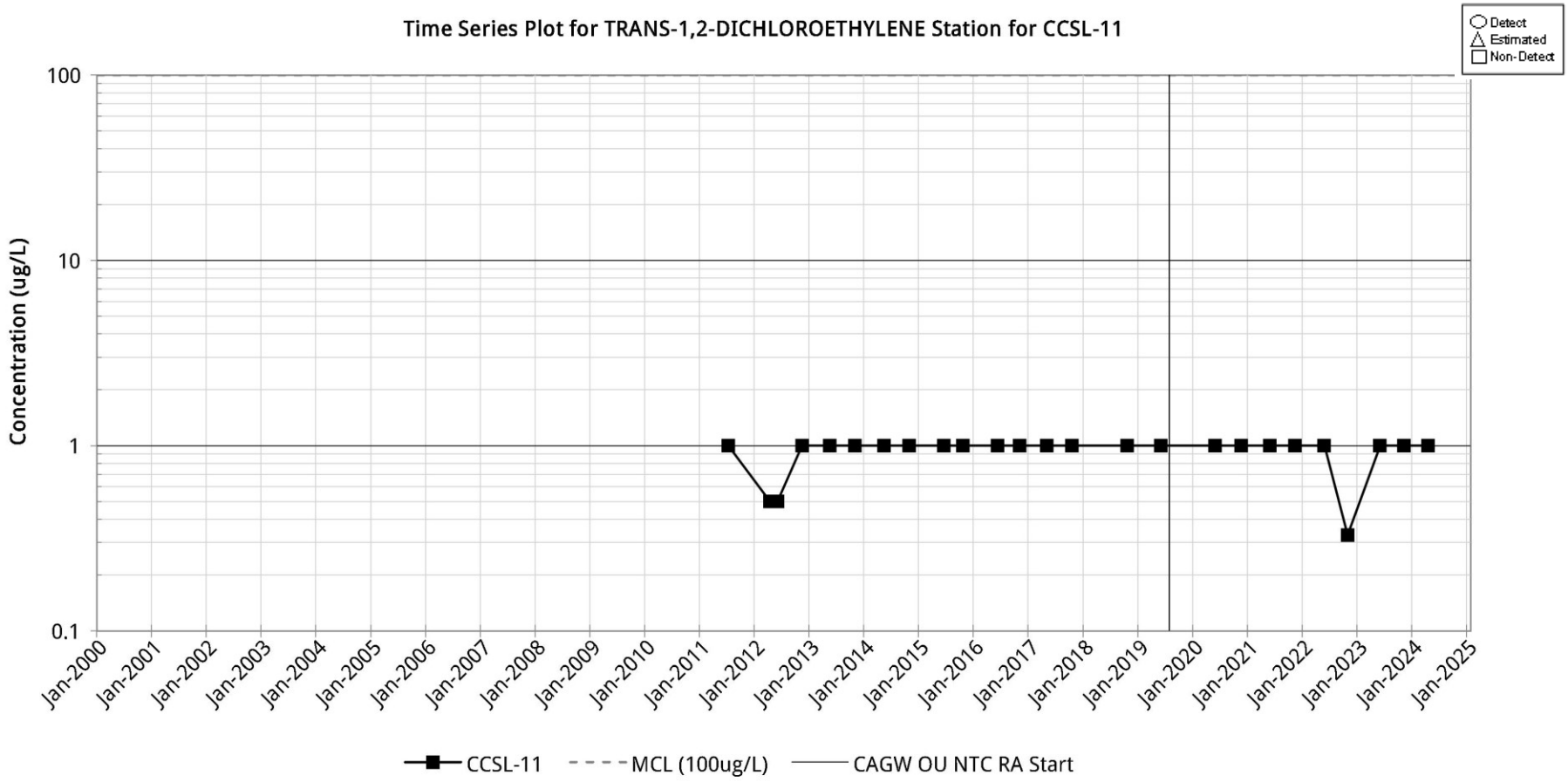

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCSL-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-08
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-104


Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCSL-11
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-11
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-105

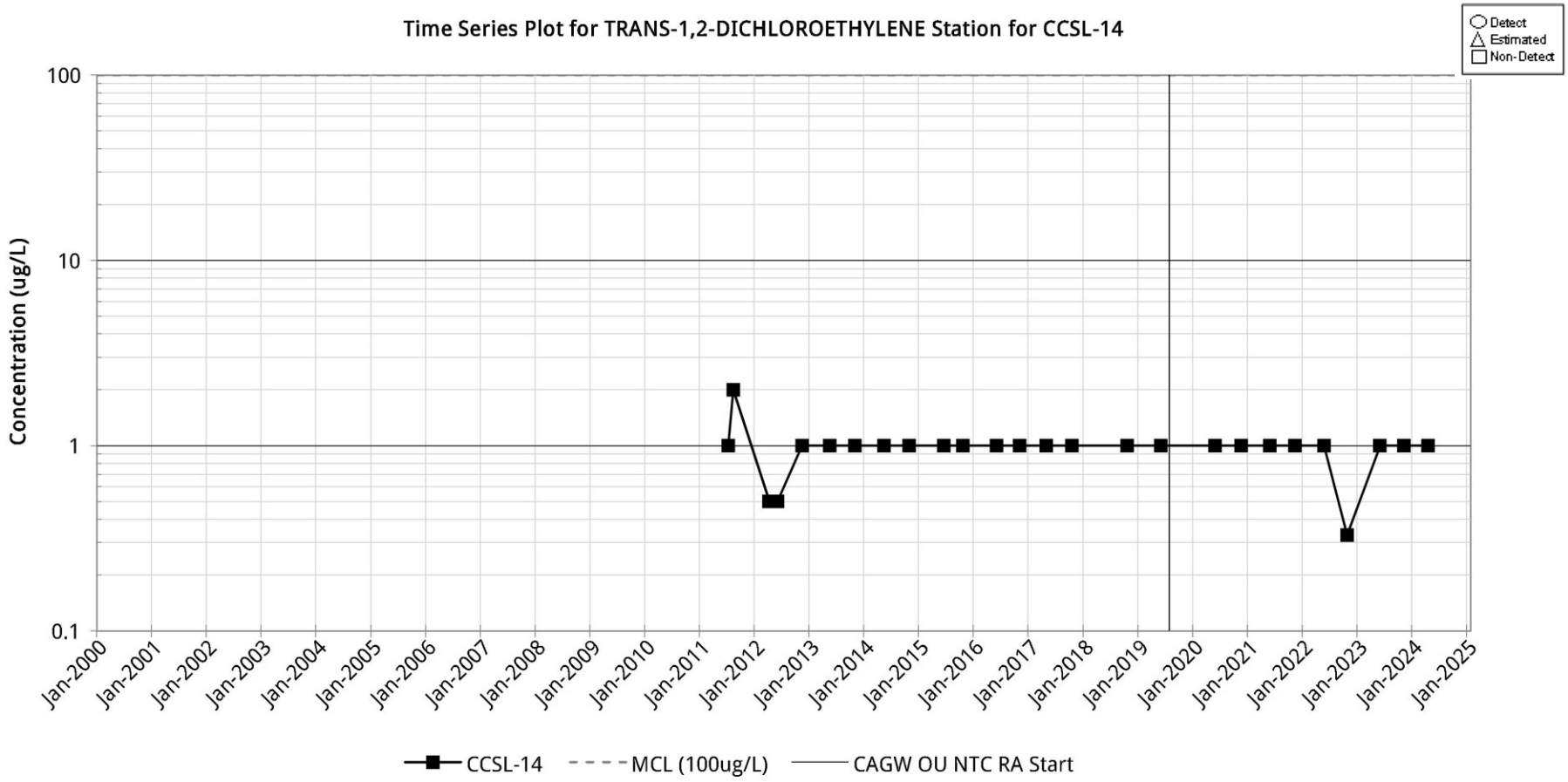

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCSL-14
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-14
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-106

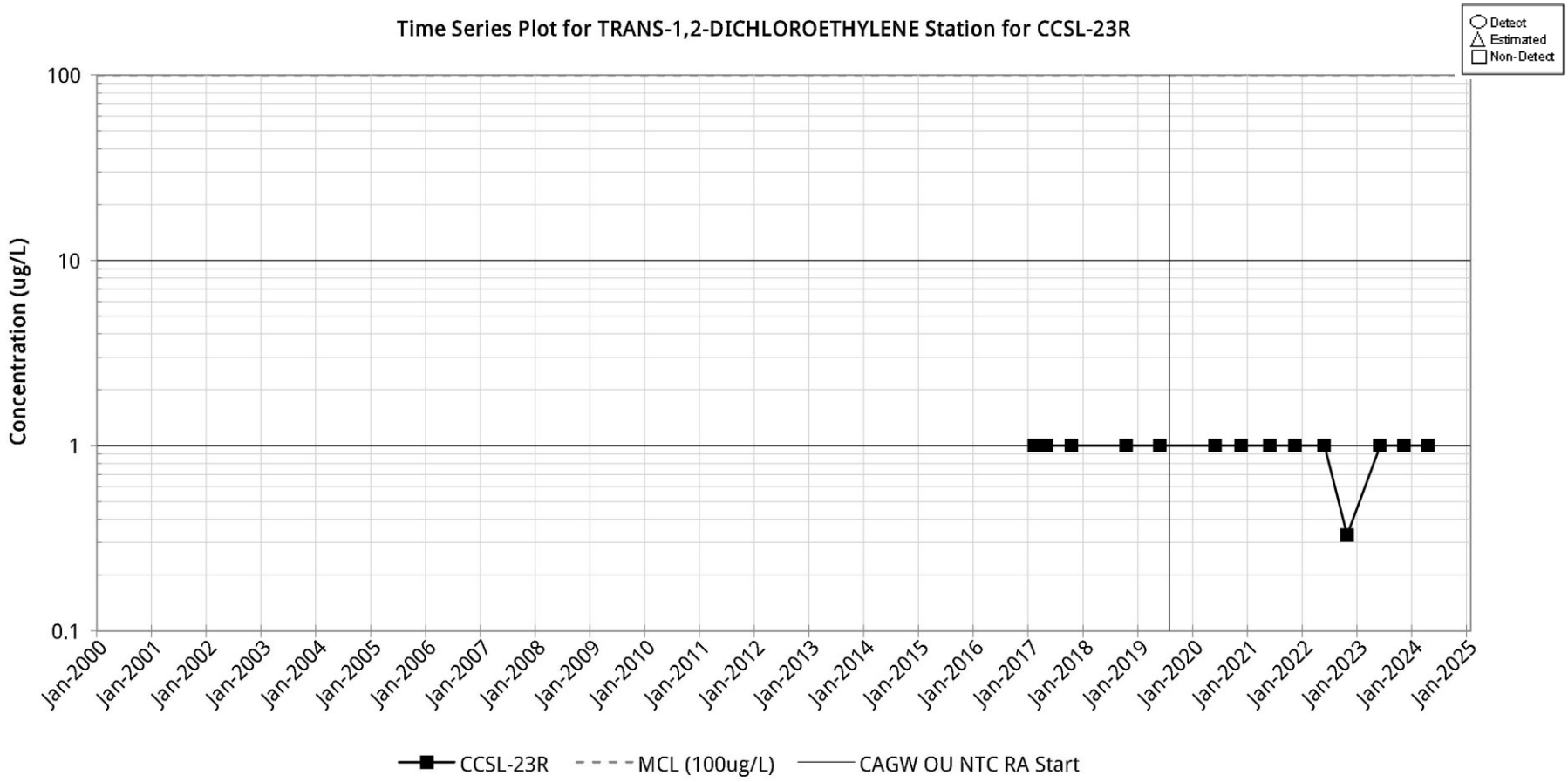

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCSL-23R
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-23R
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-107

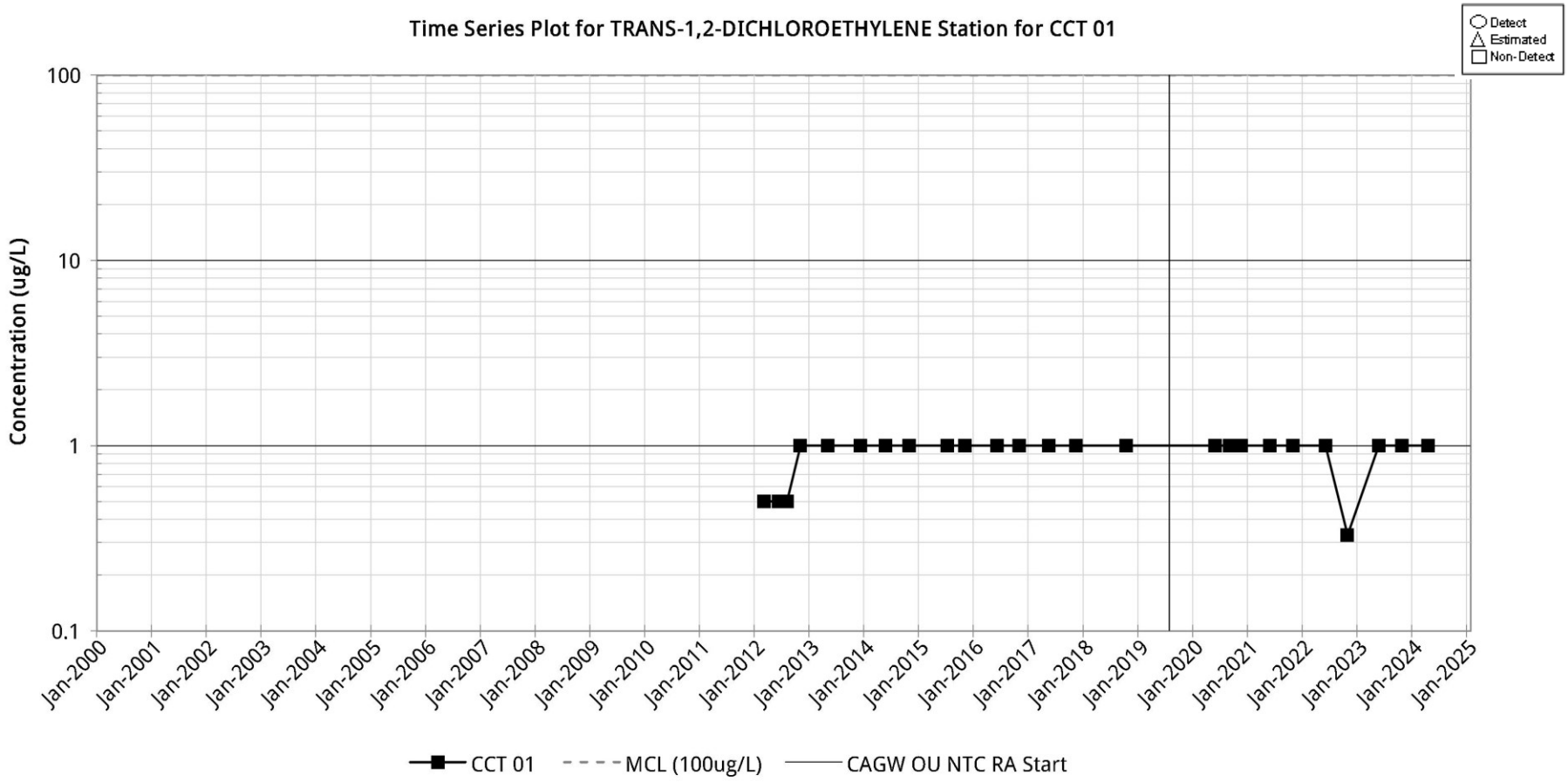

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCT 01
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 01
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-108

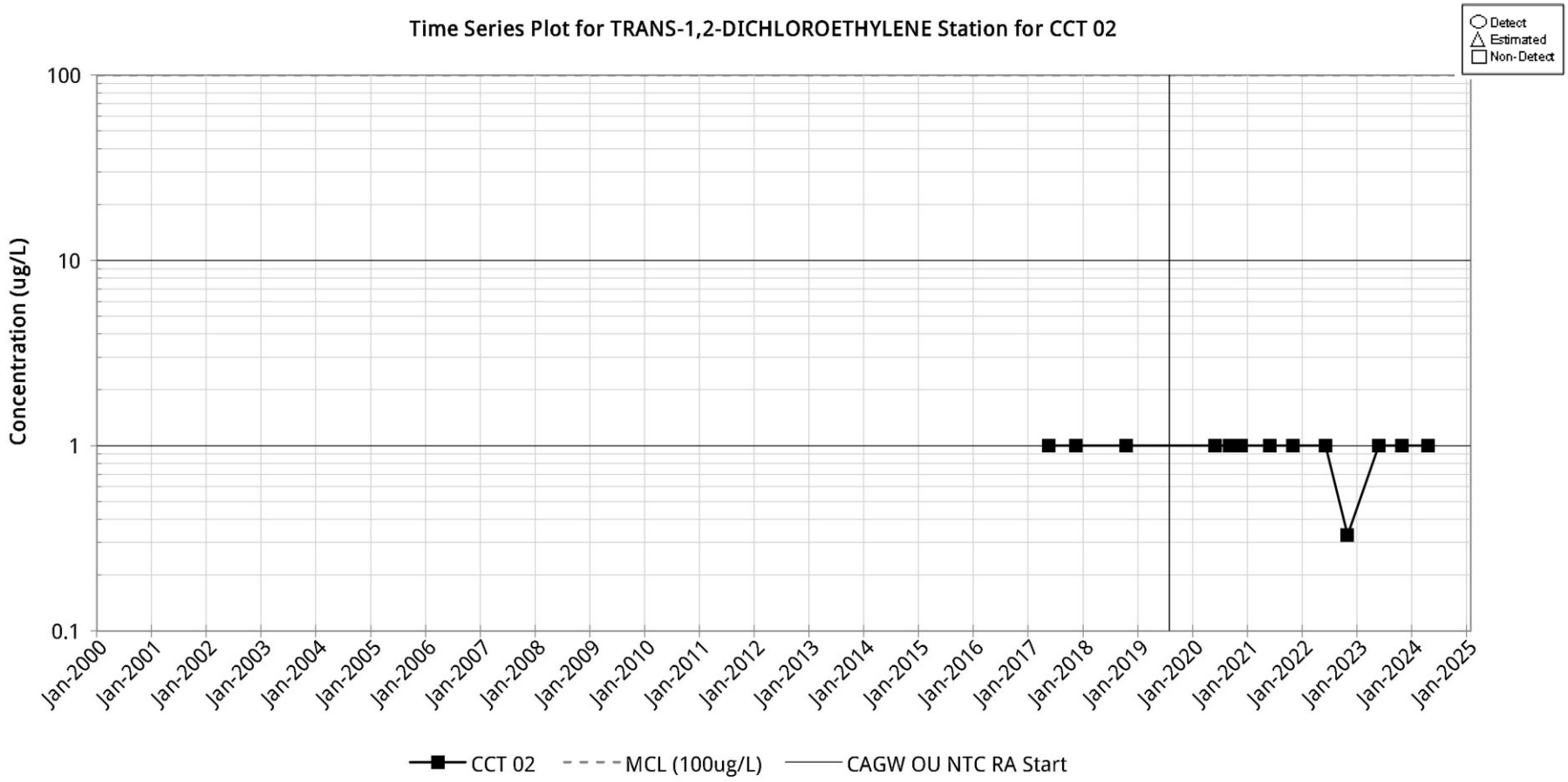

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCT 02
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 02
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-109

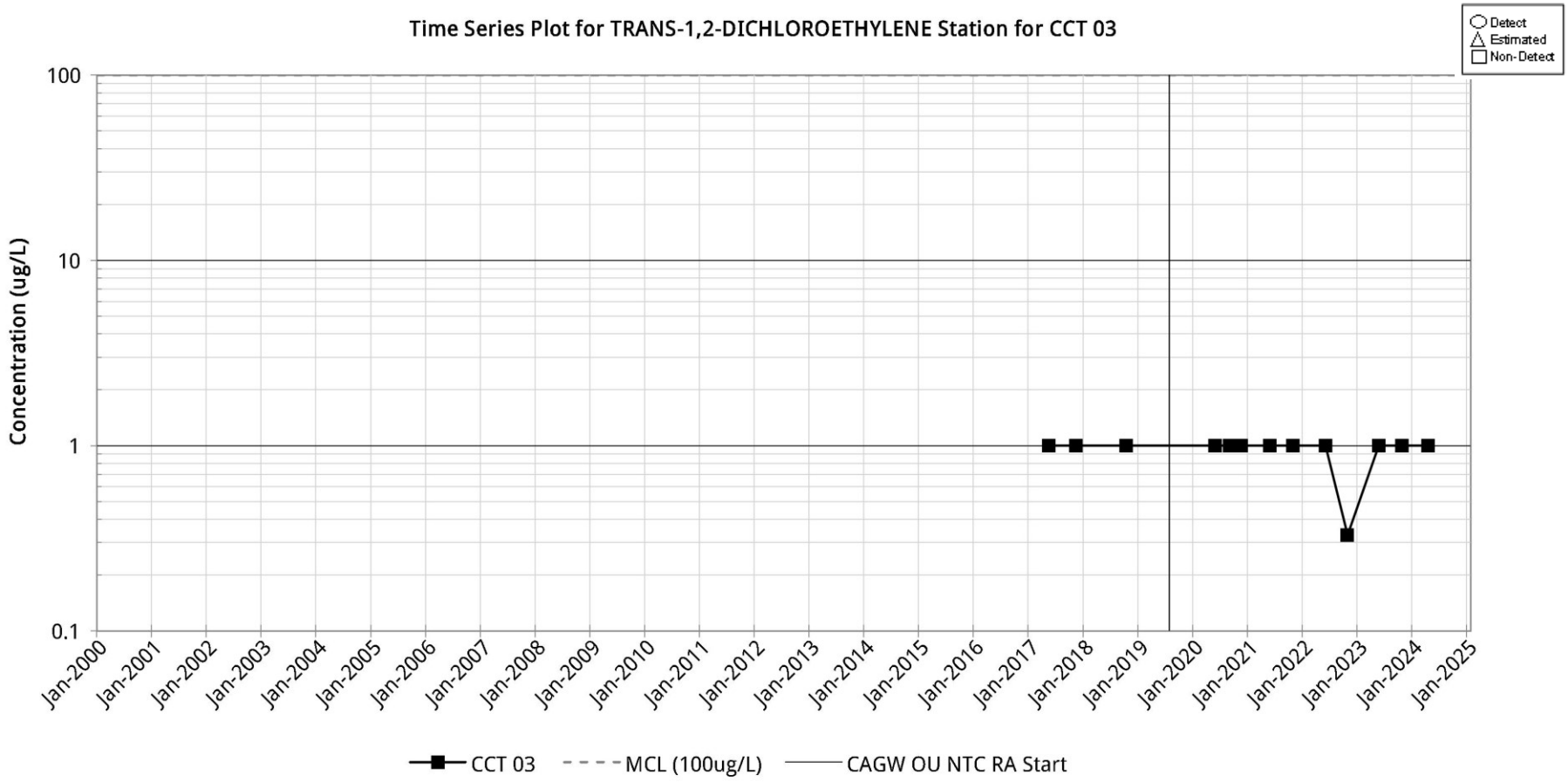

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCT 03
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 03
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-110

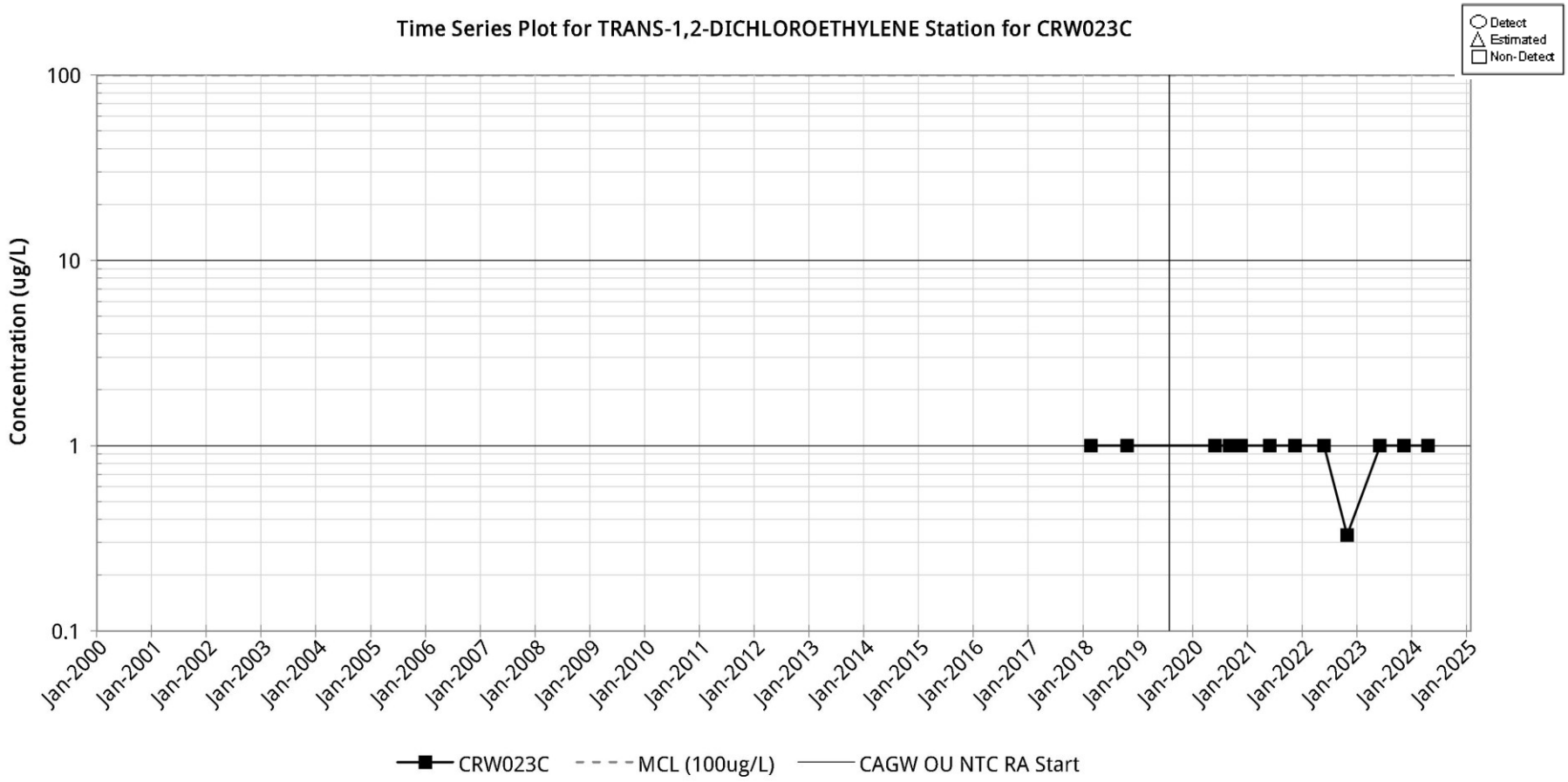

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW023C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW023C
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-111

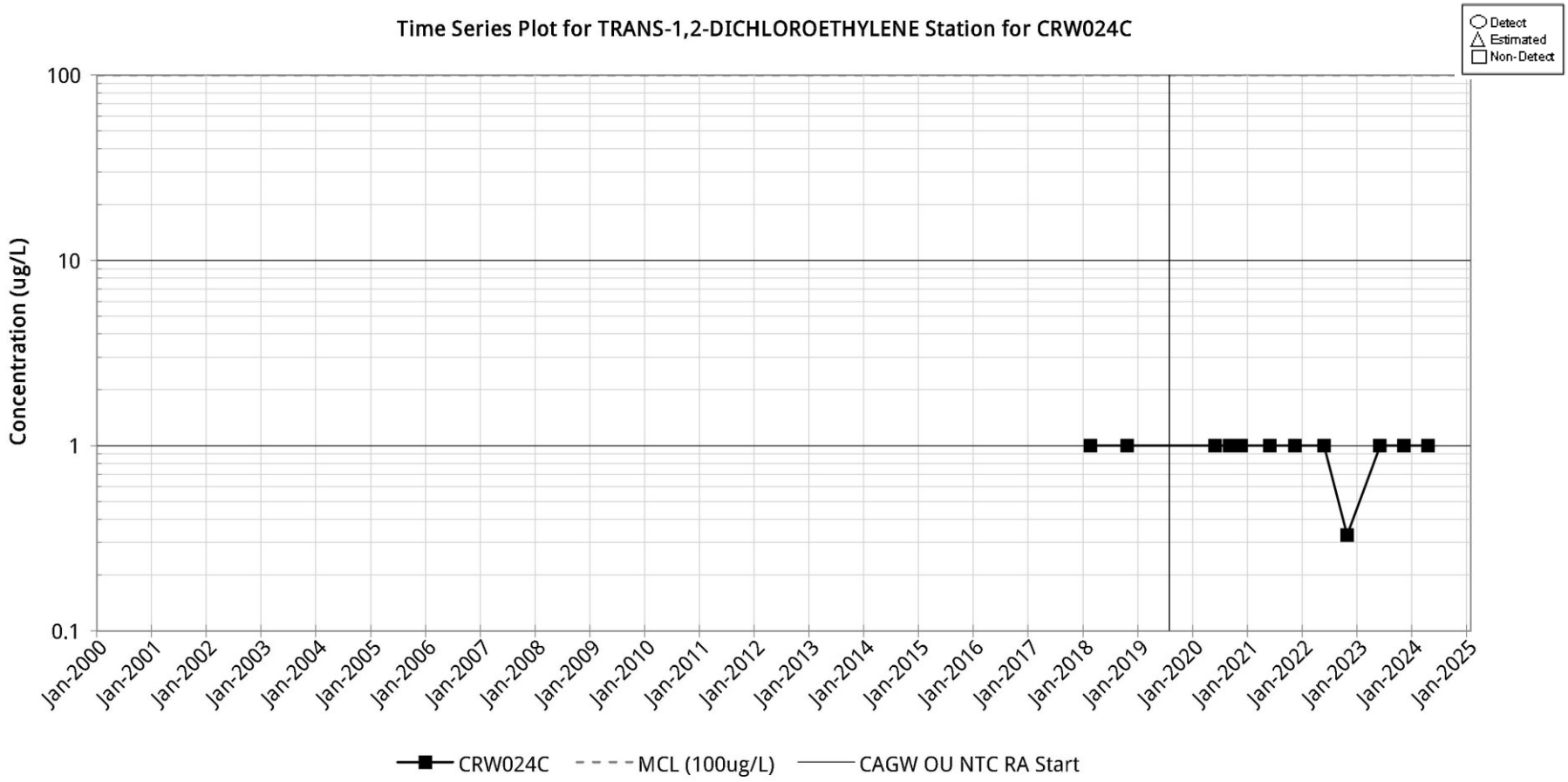

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW024C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW024C
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-112

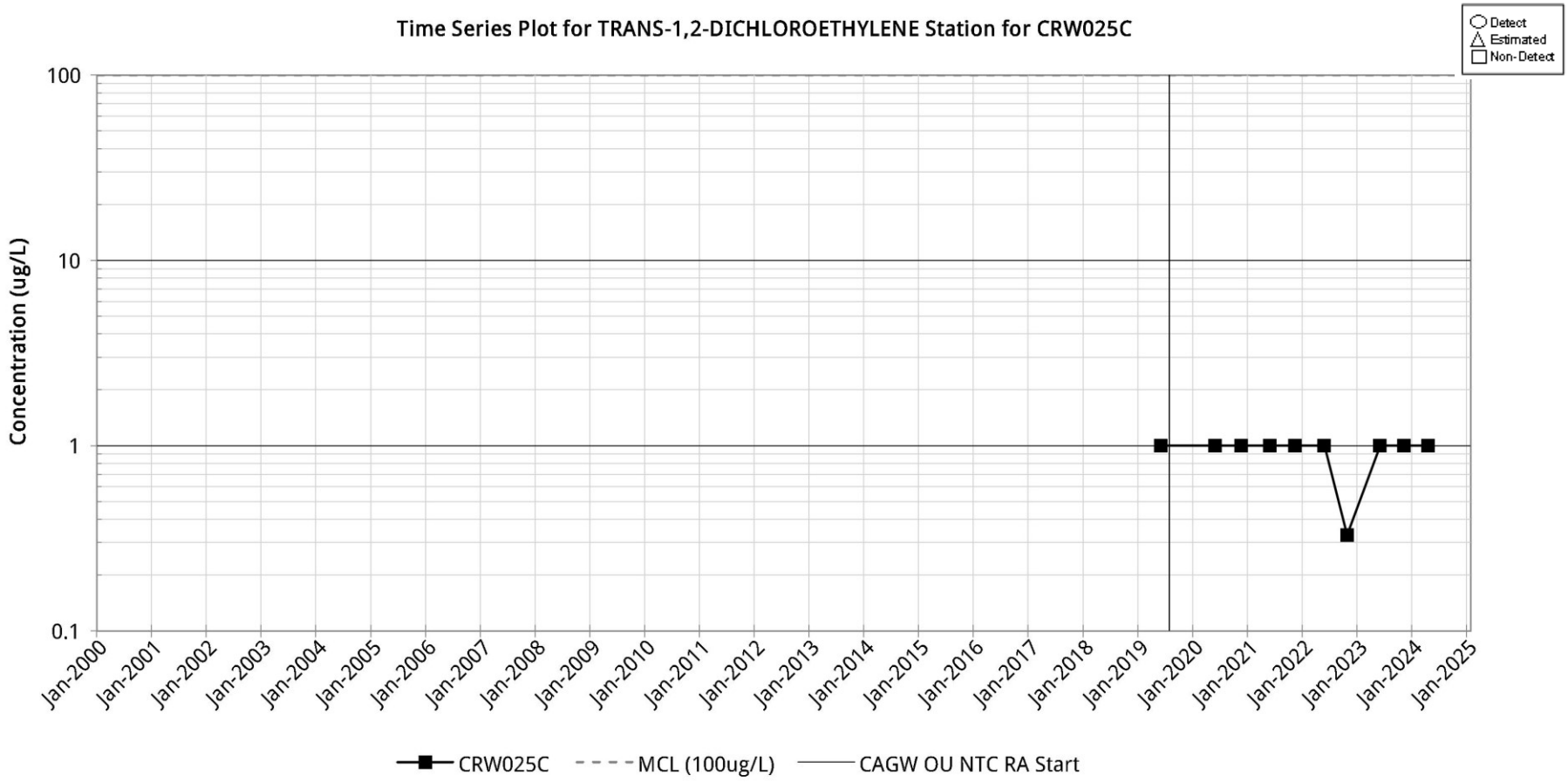

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW025C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW025C
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-113

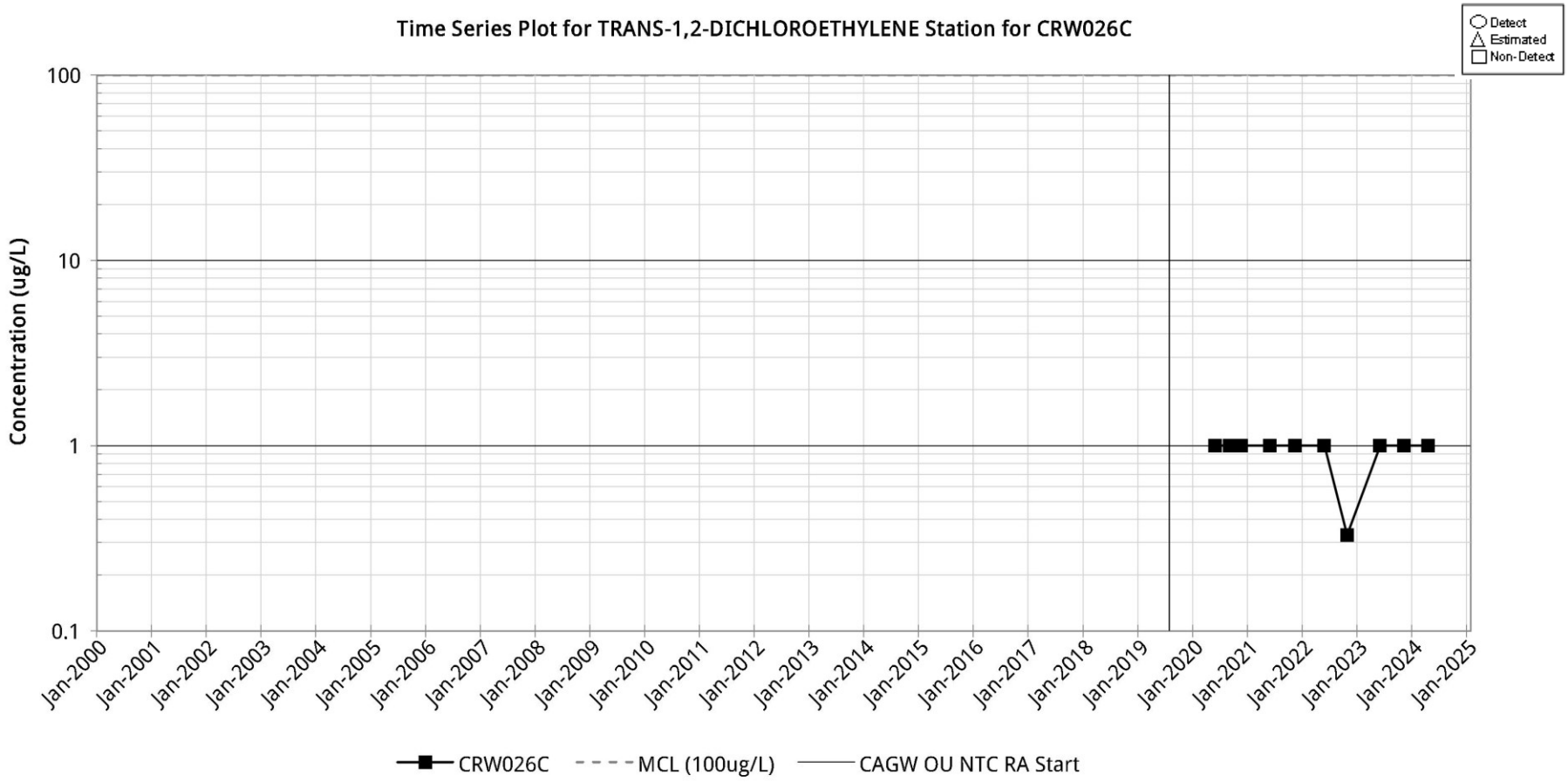

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW026C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW026C
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-114

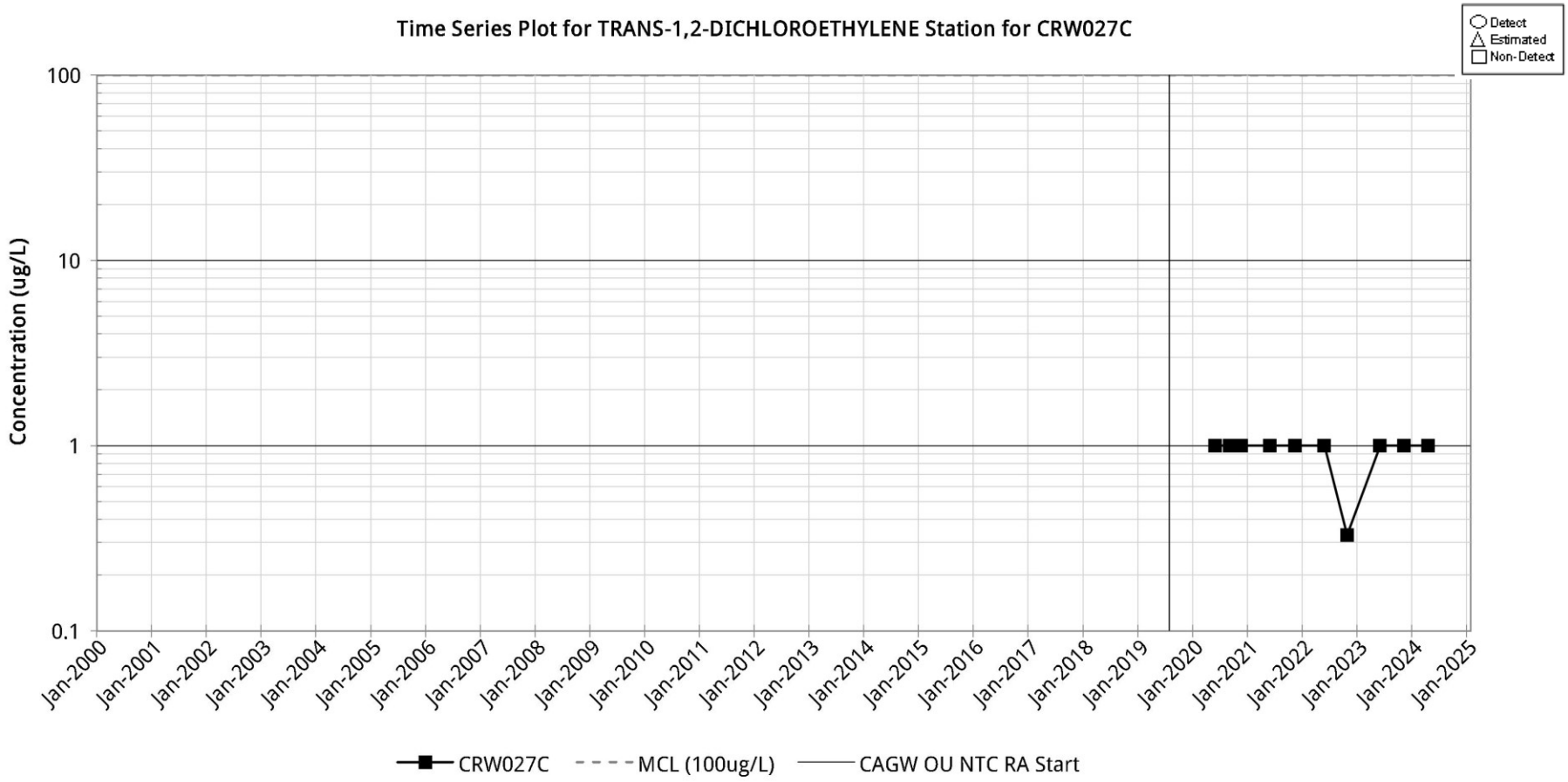

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW027C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW027C
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-115

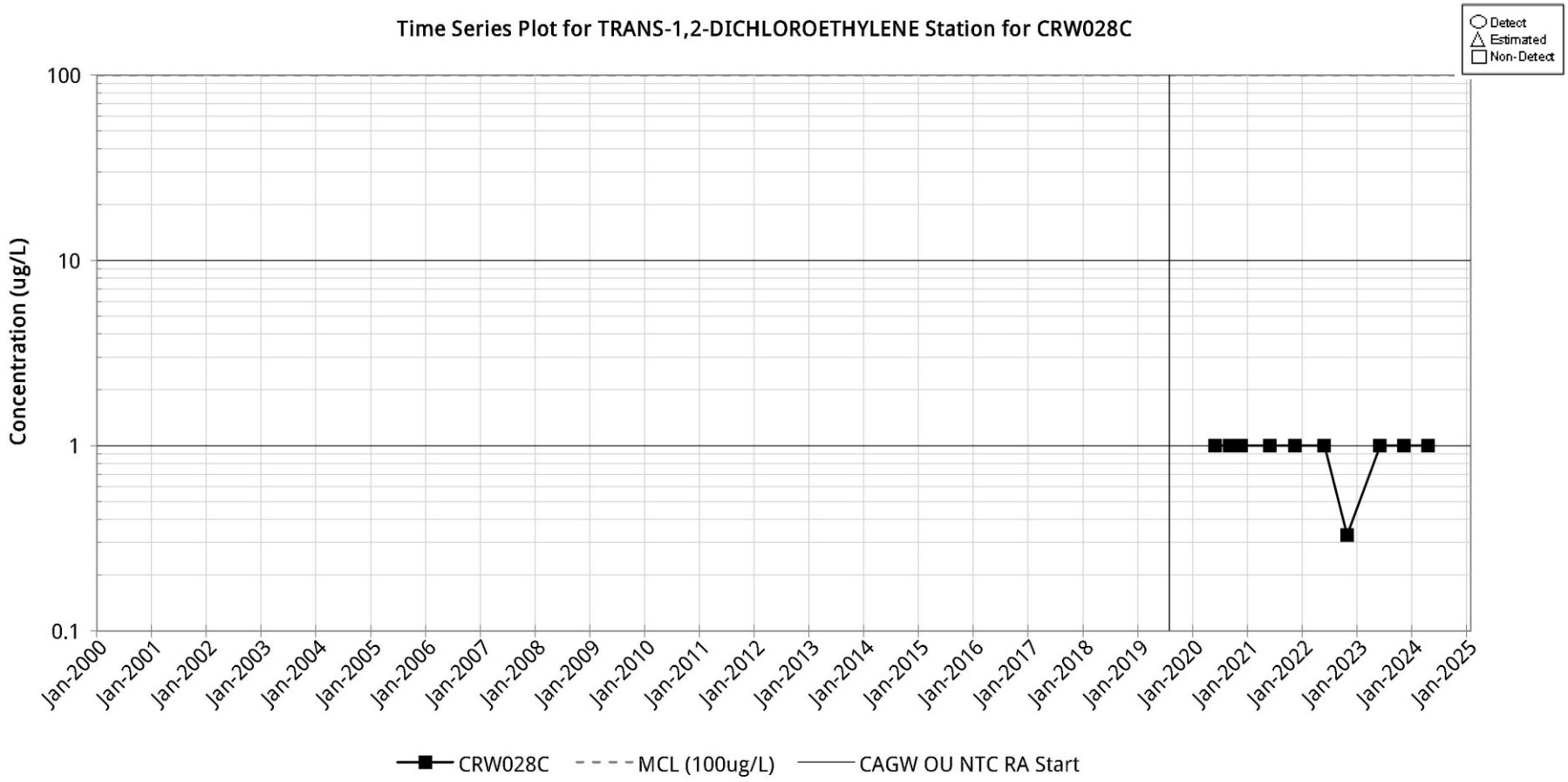

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW028C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW028C
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-116

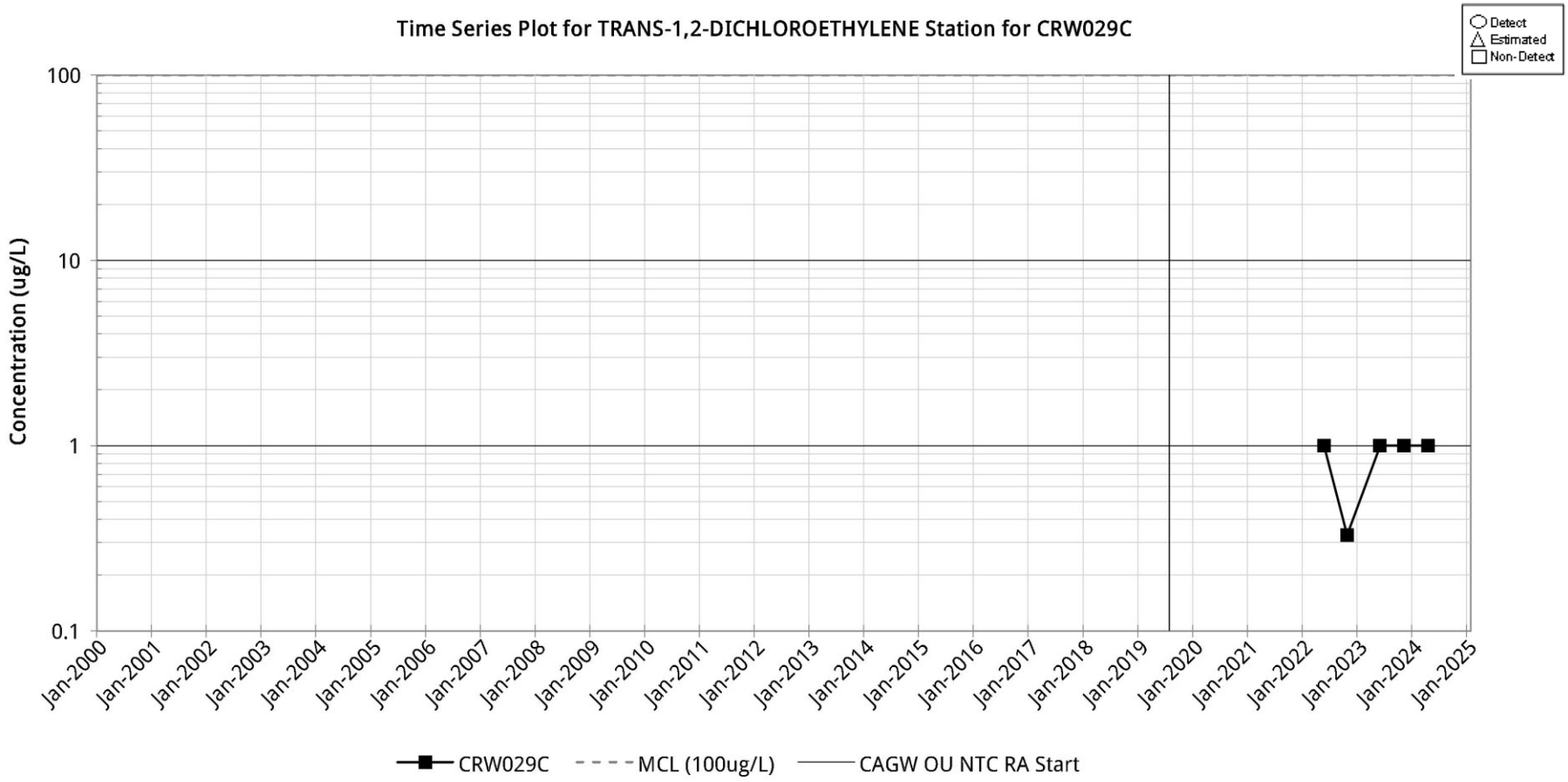

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW029C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW029C
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-117

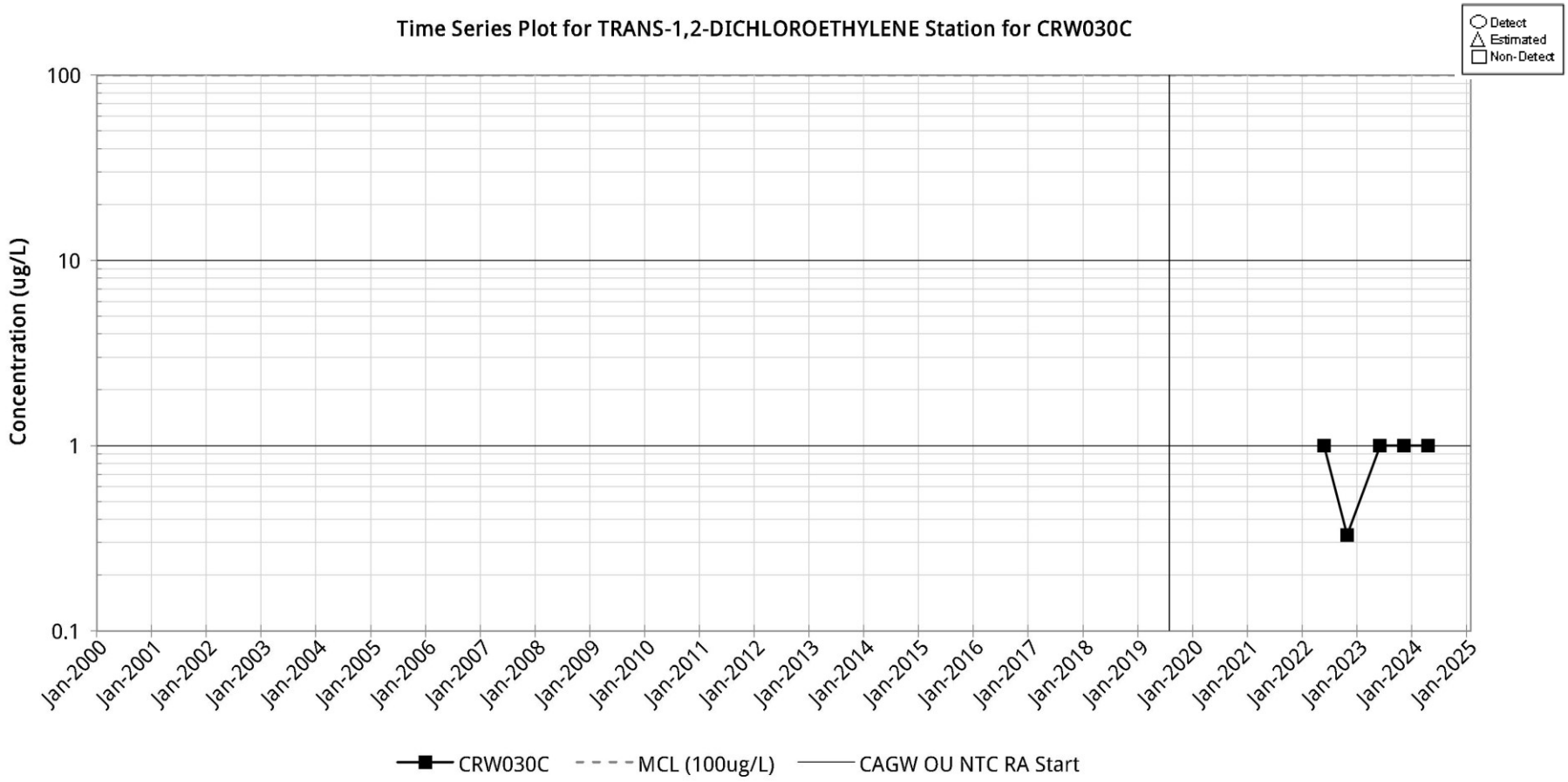

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW030C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW030C
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-118

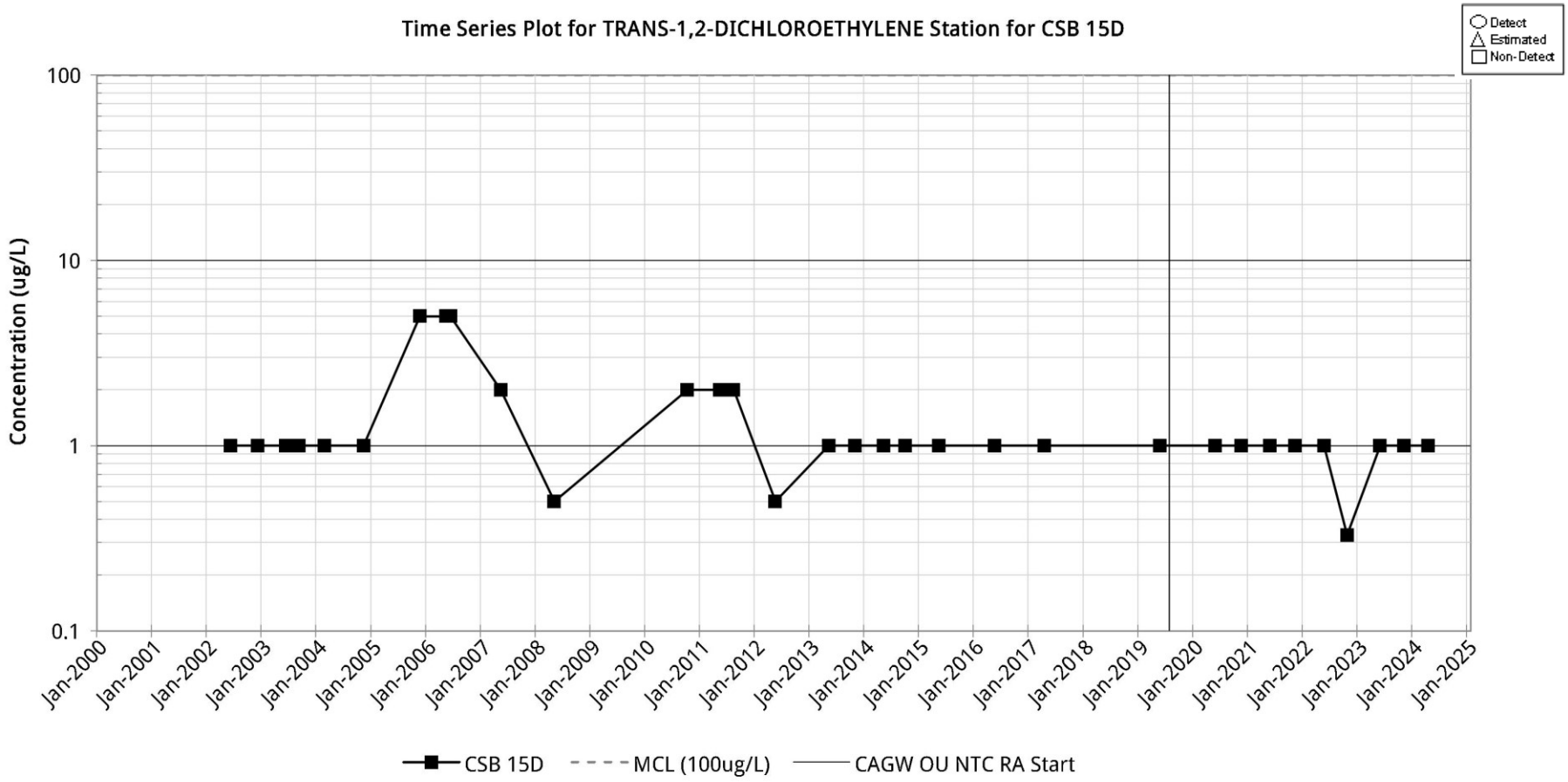

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CSB 15D
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB 15D
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-119

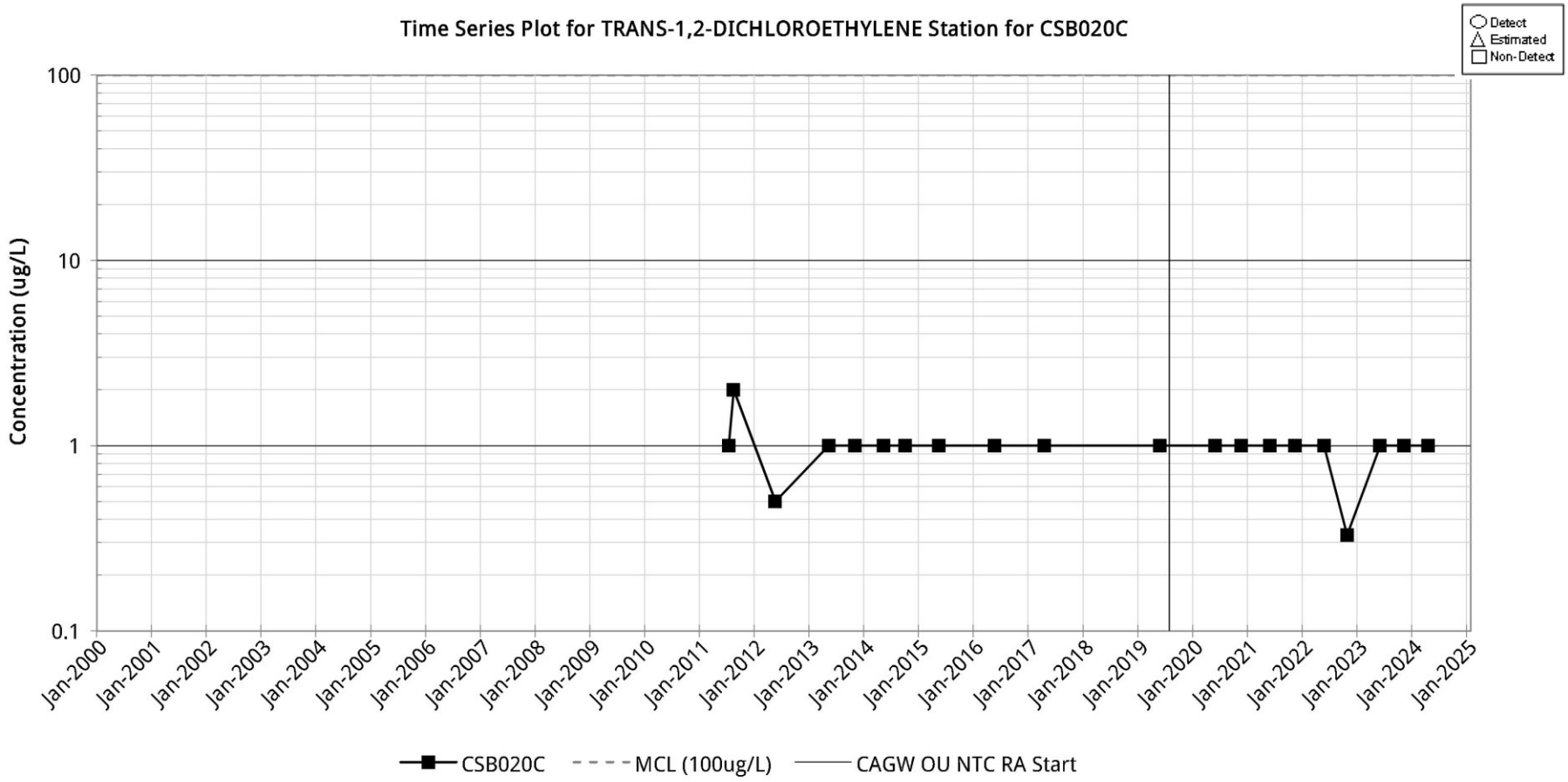

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CSB020C
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB020C
MCL (100ug/L)
CAGW OU NTC RA Start

Figure C-120

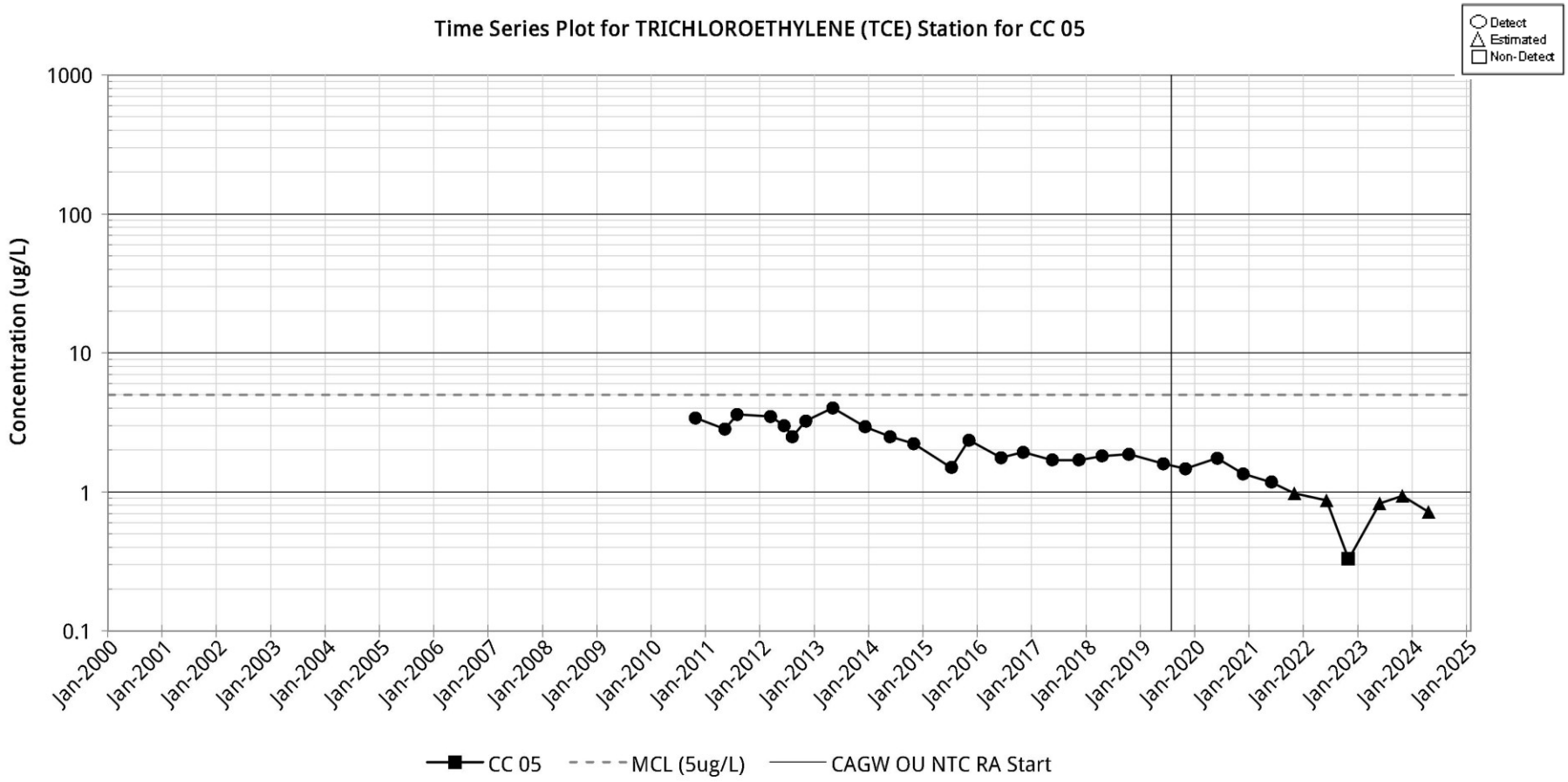

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 05
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 05
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-121

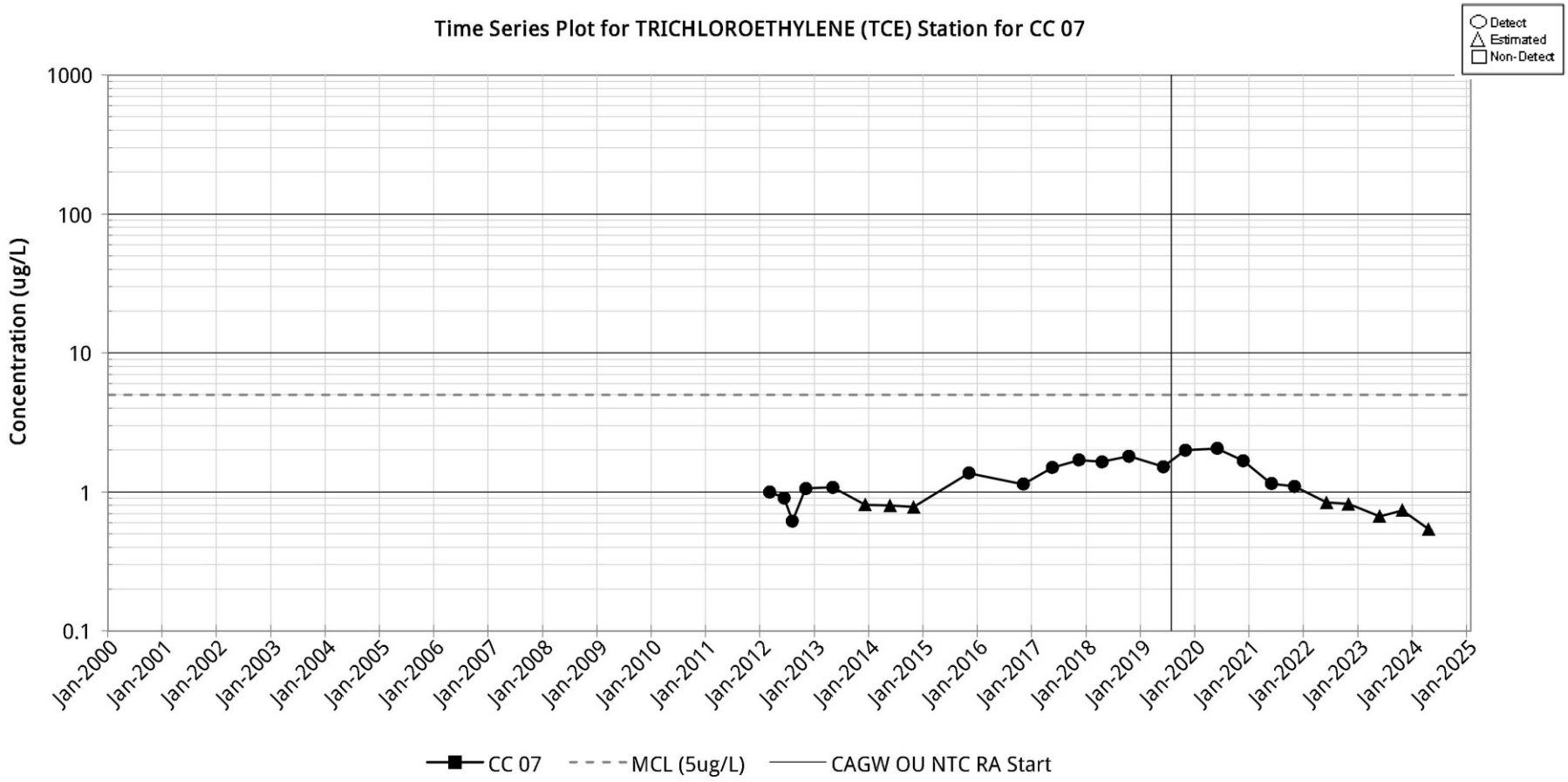

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 07
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 07
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-122

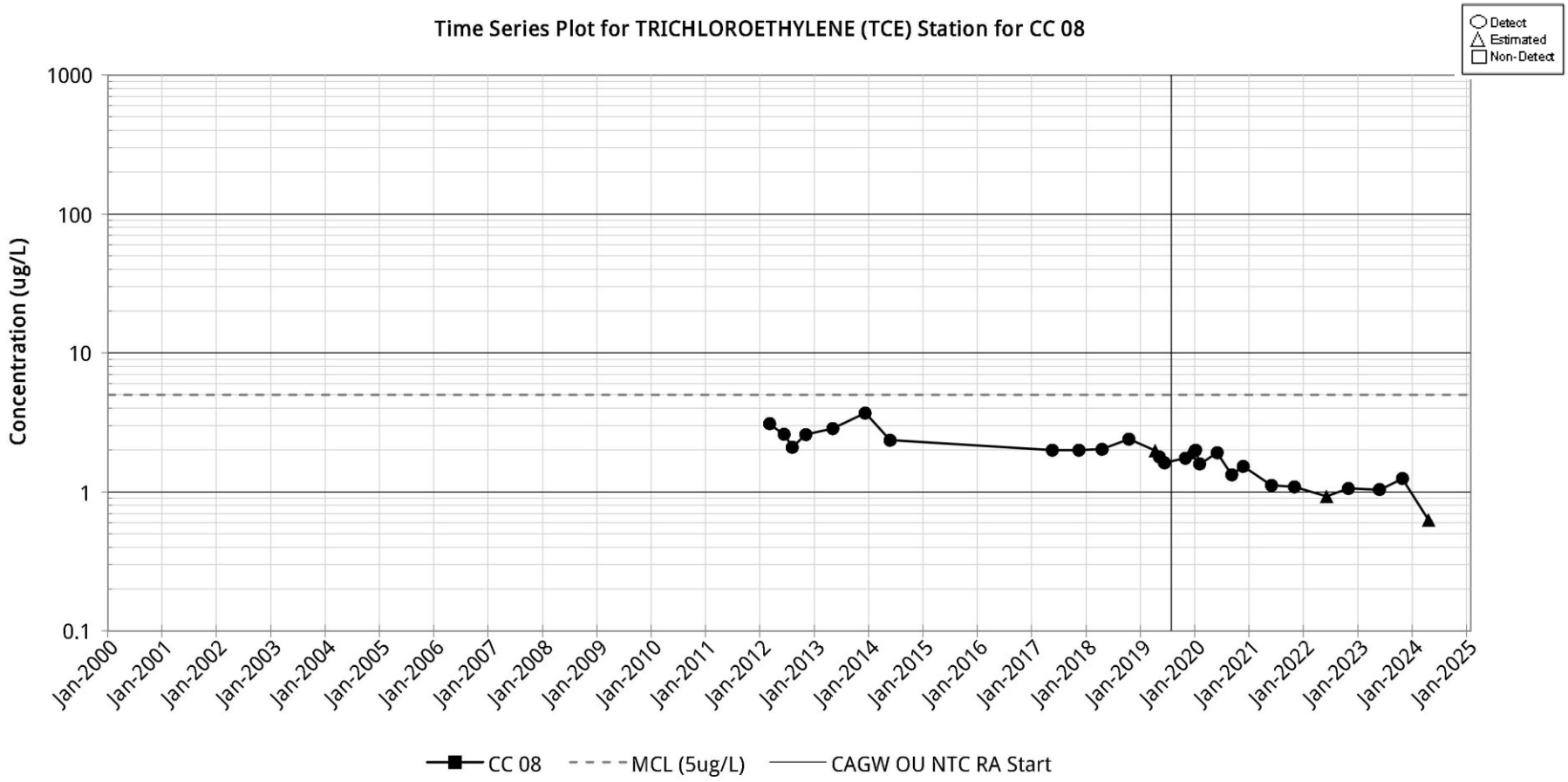

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 08
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 08
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-123

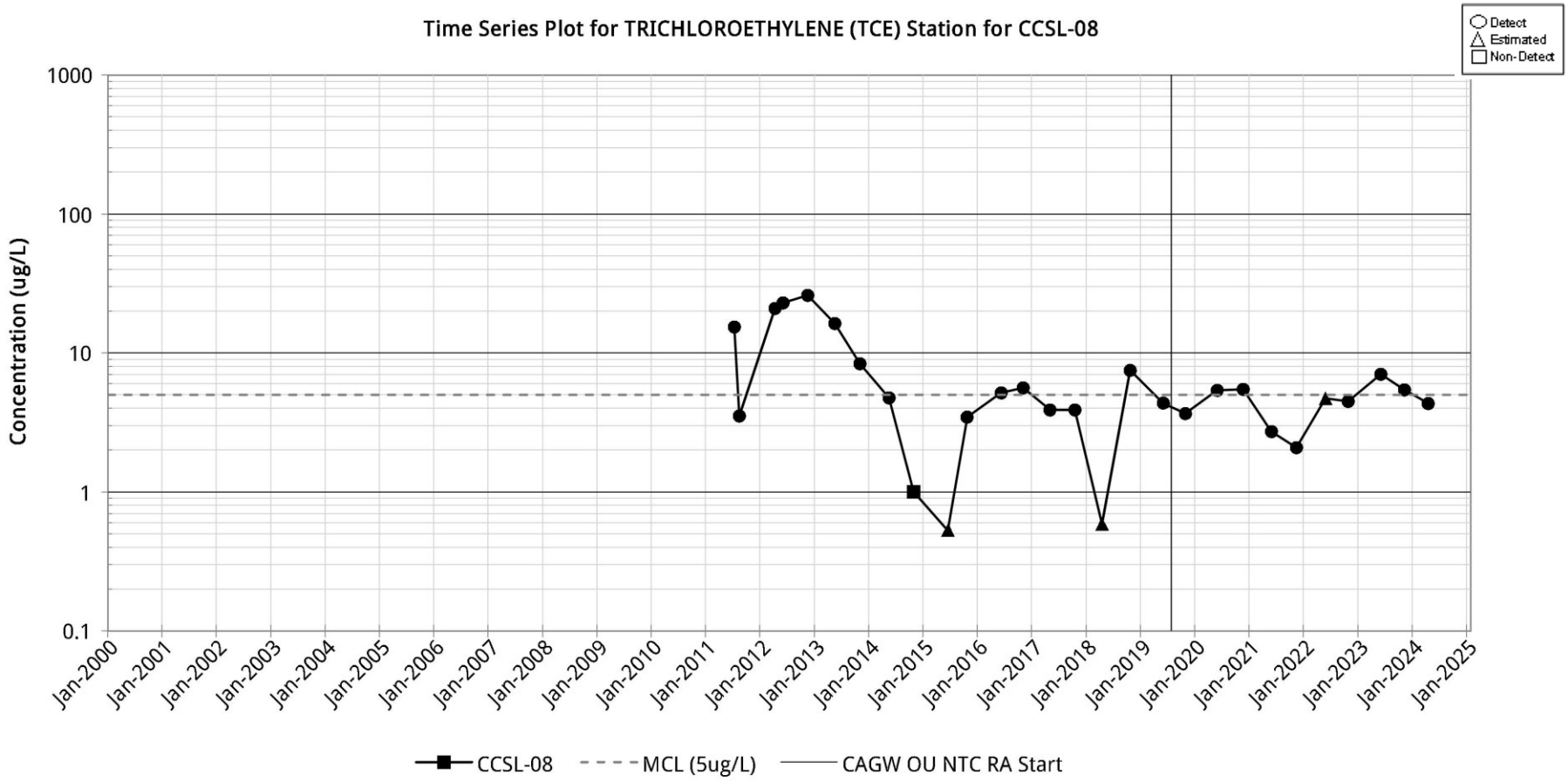

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-08
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-124

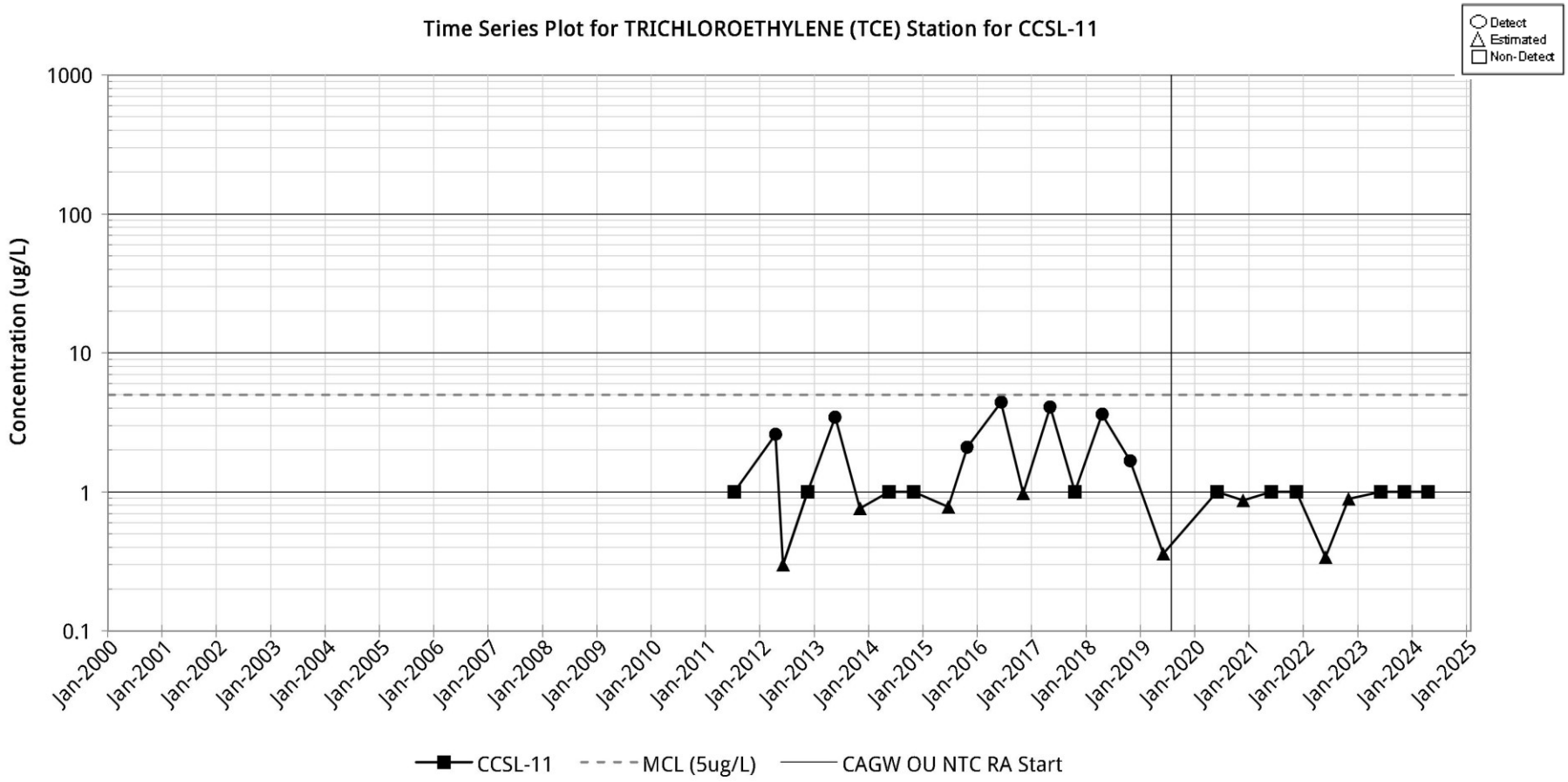

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-11
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-11
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-125

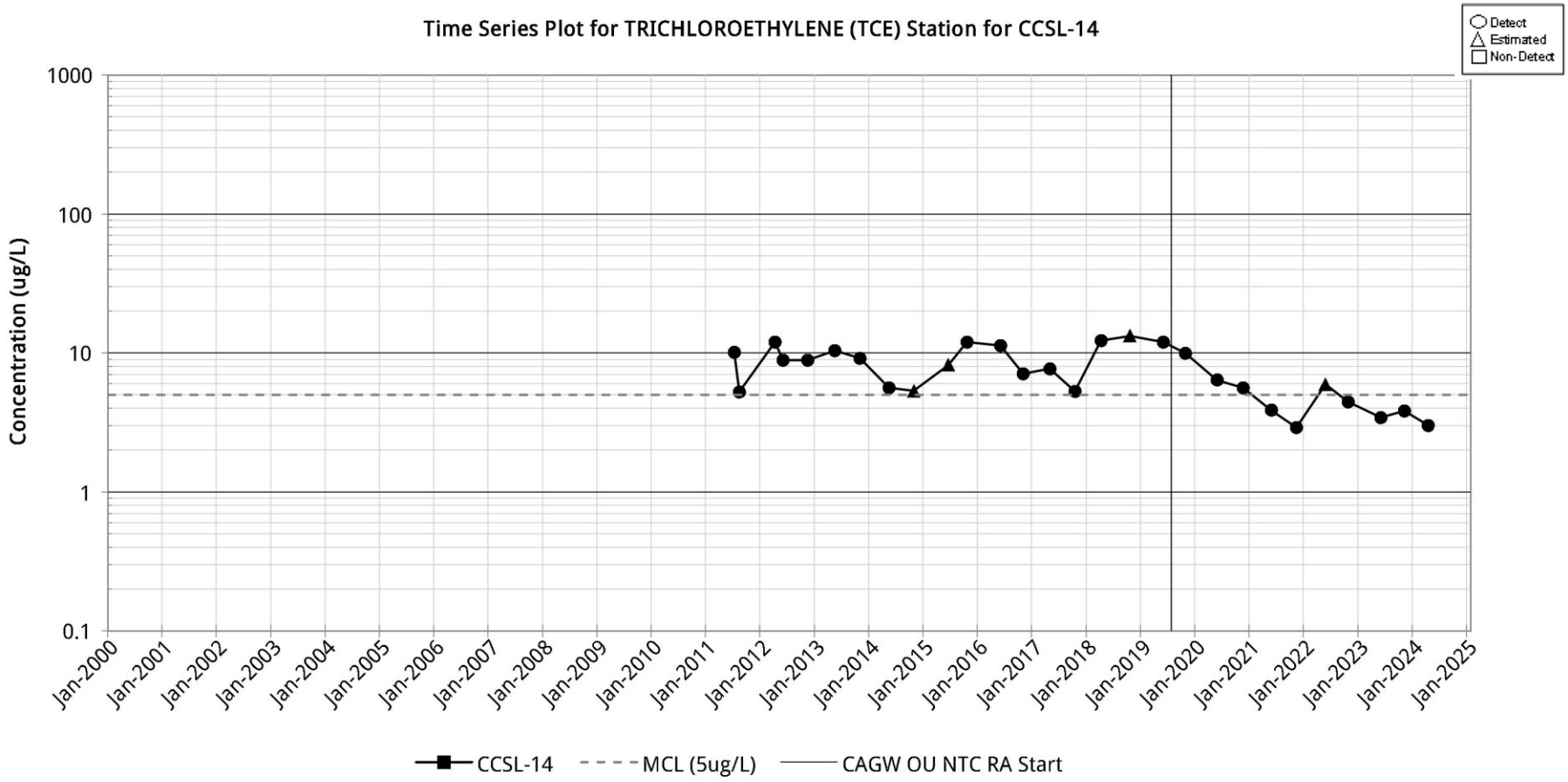

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-14
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-14
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-126

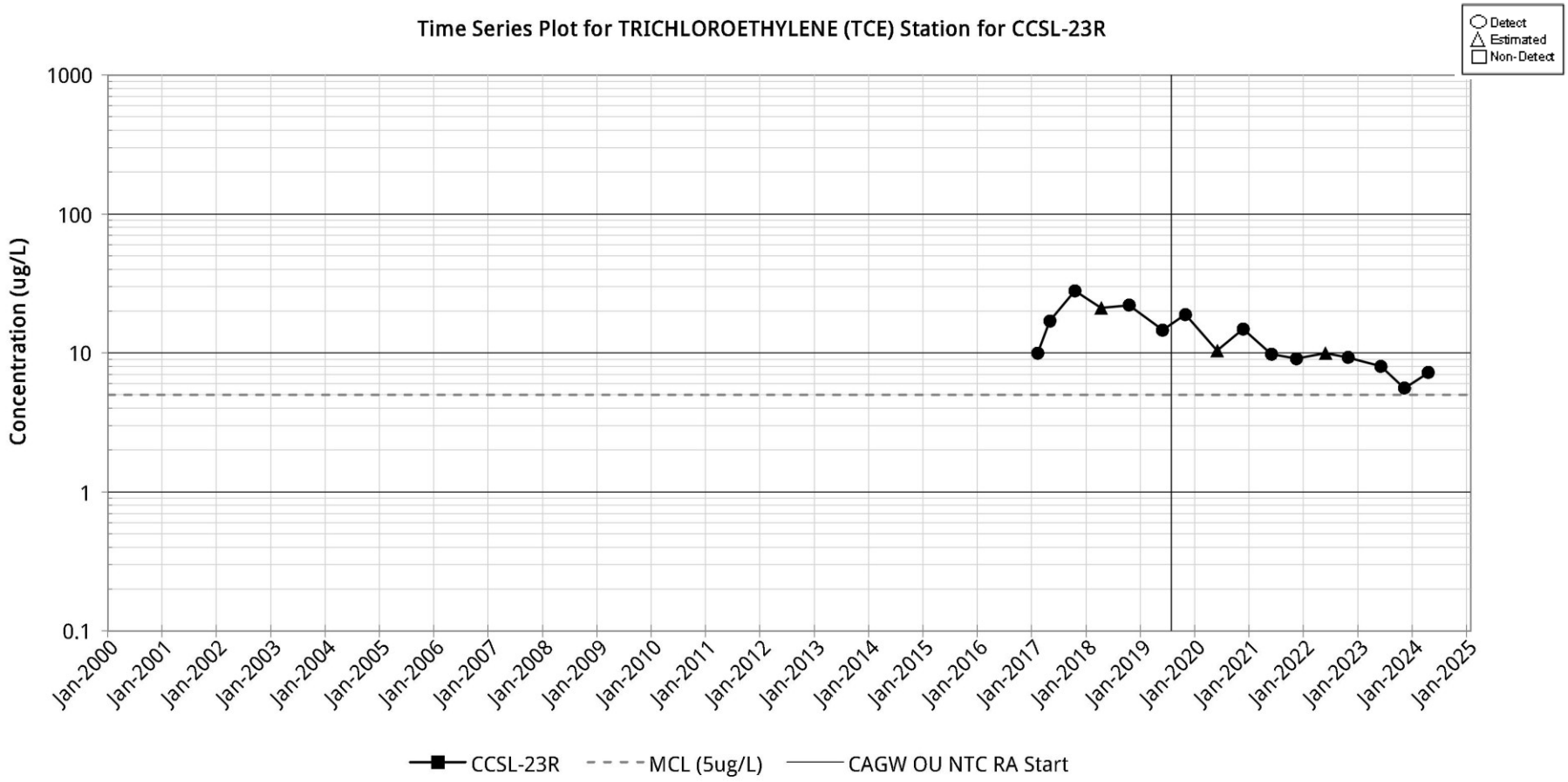
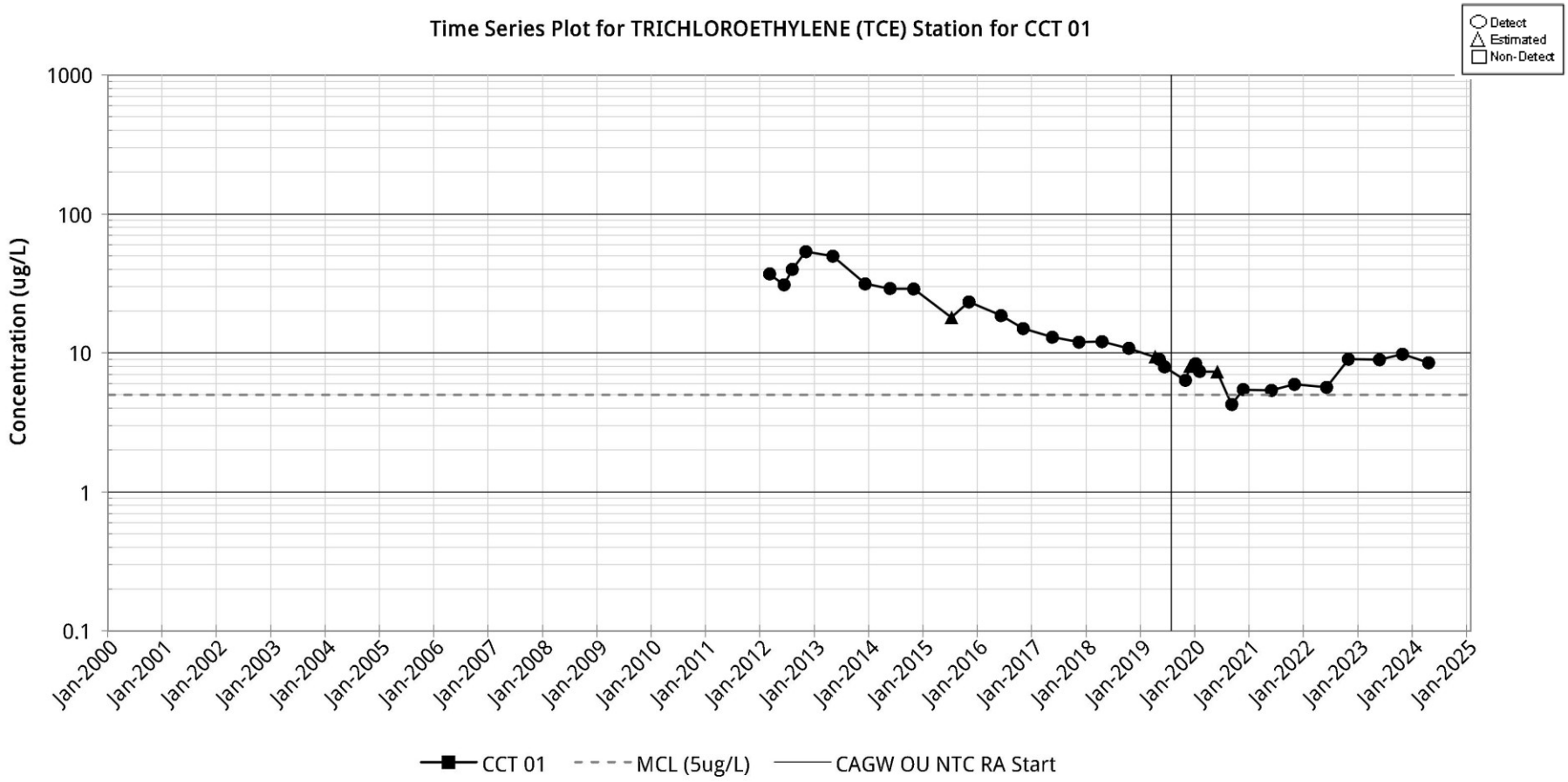

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-23R
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-23R
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-127


Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCT 01
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
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Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 01
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-128

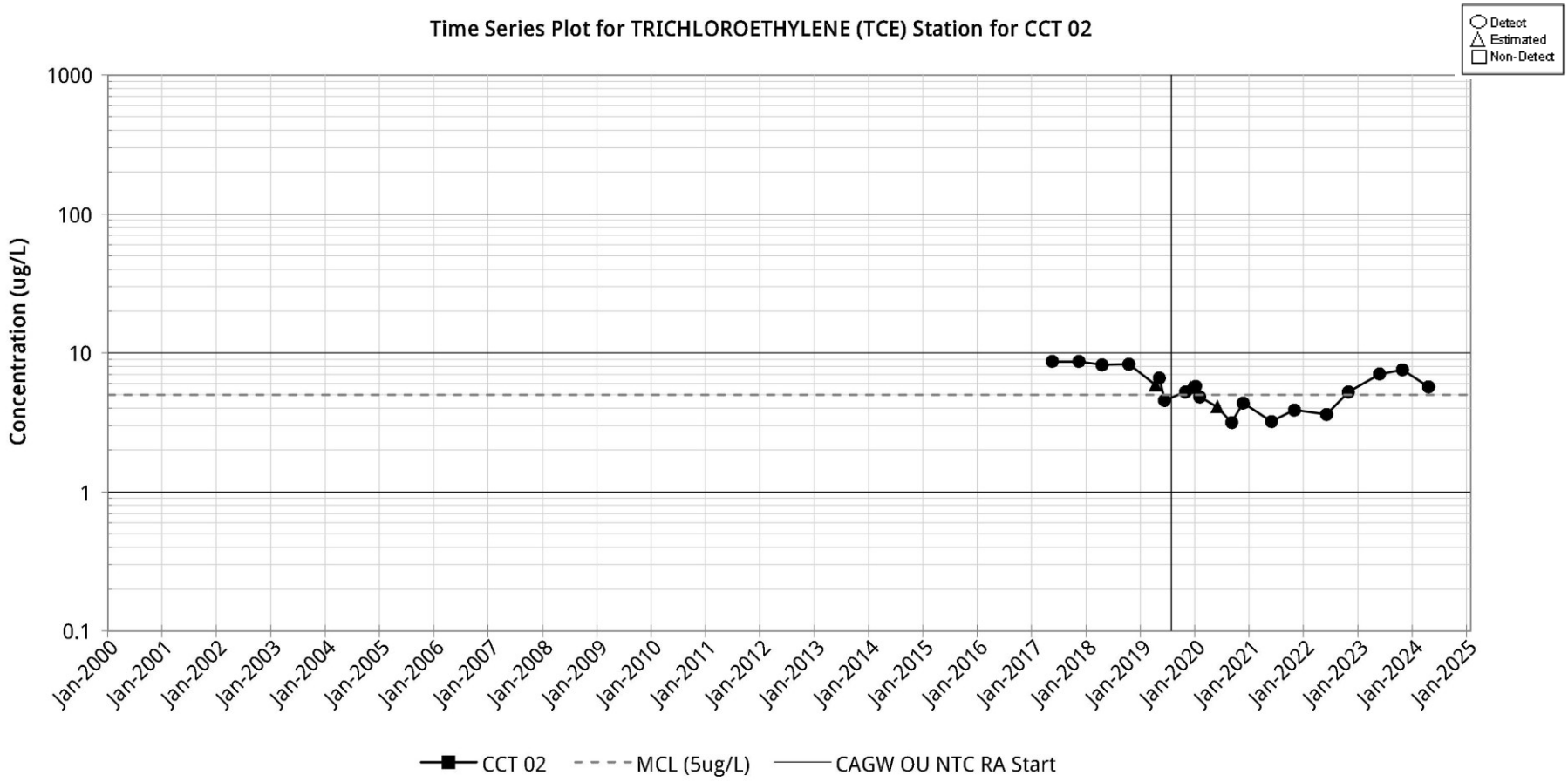

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCT 02
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 02
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-129

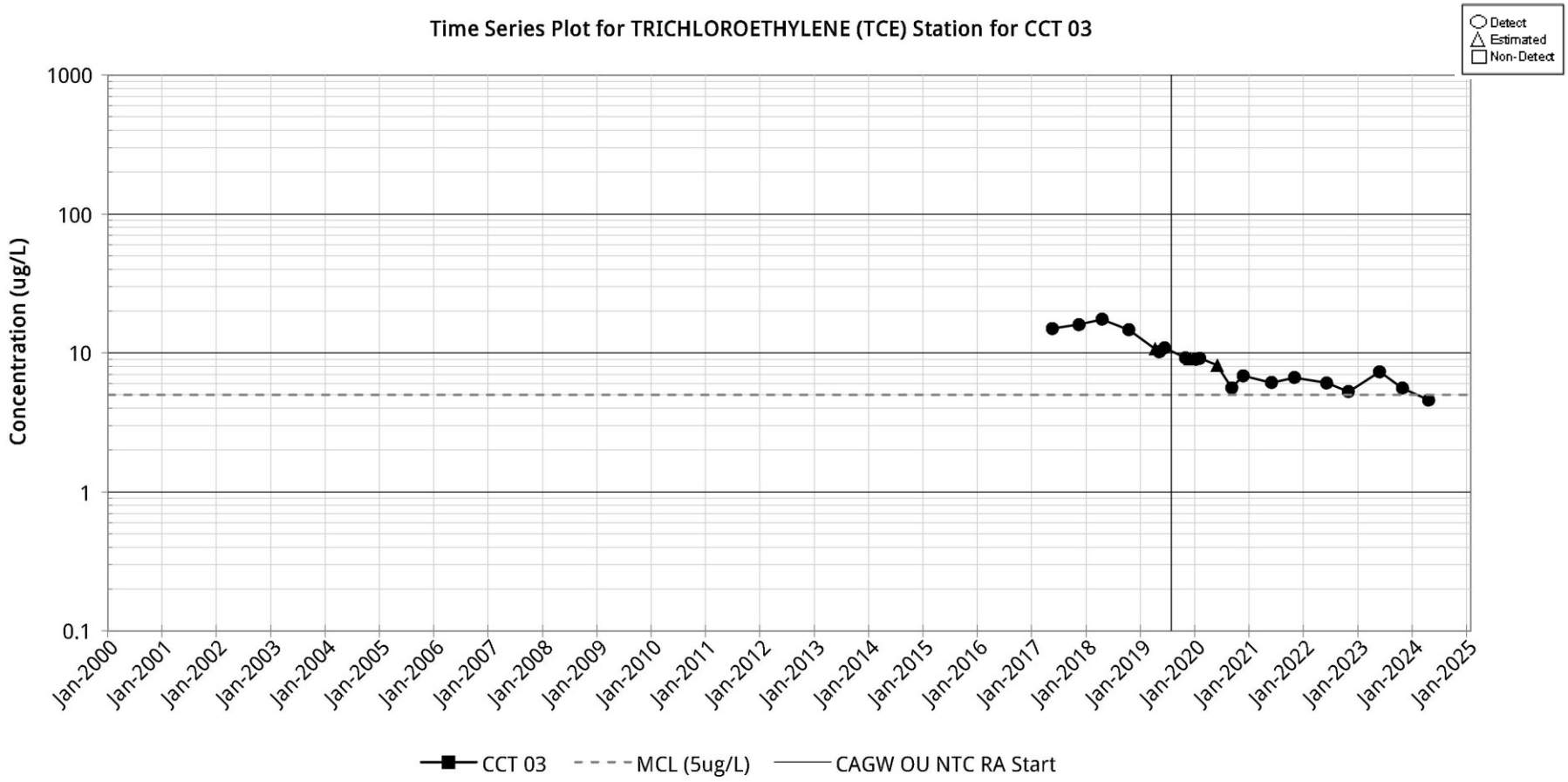

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCT 03
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 03
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-130

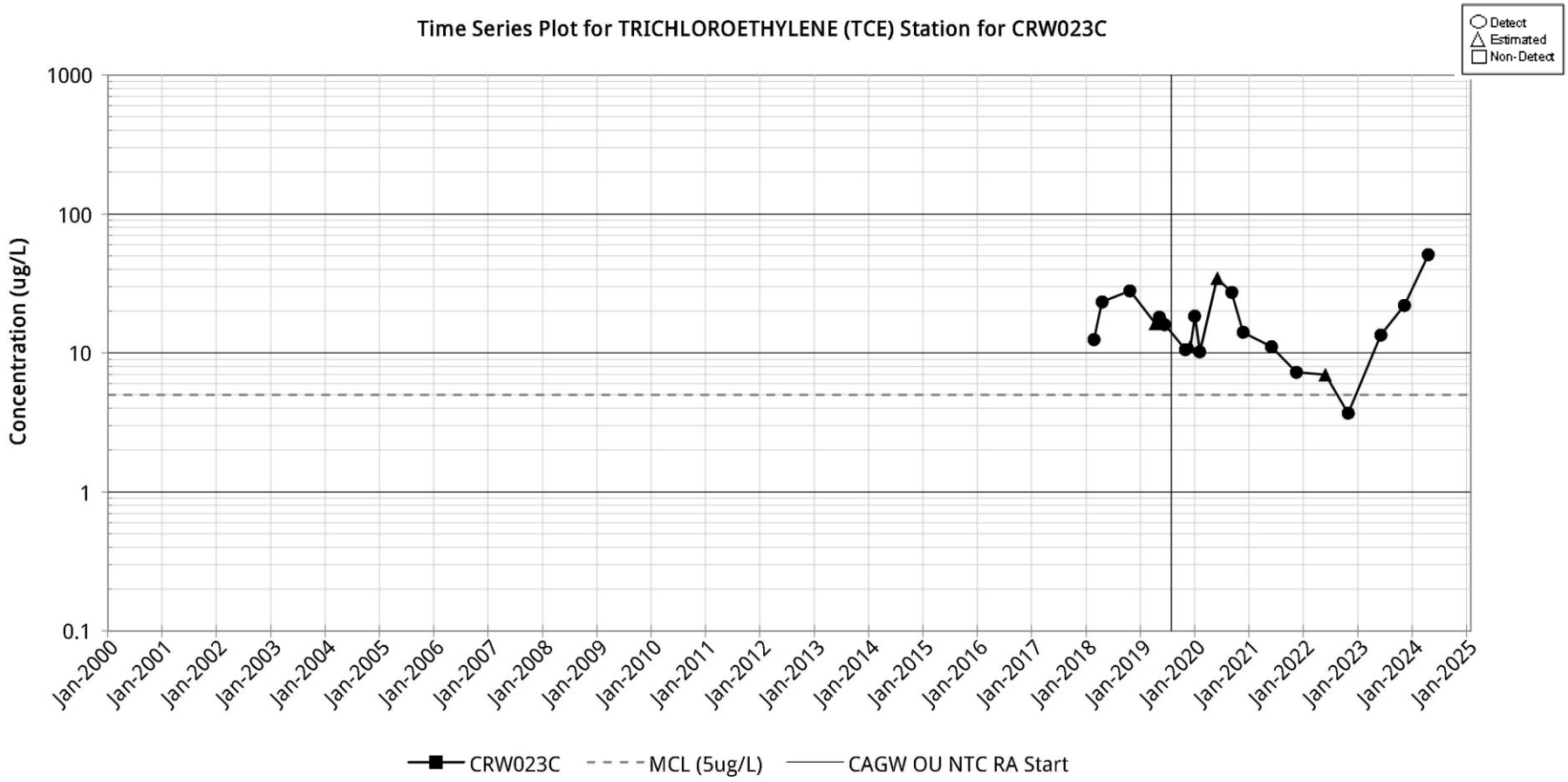

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW023C
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW023C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-131

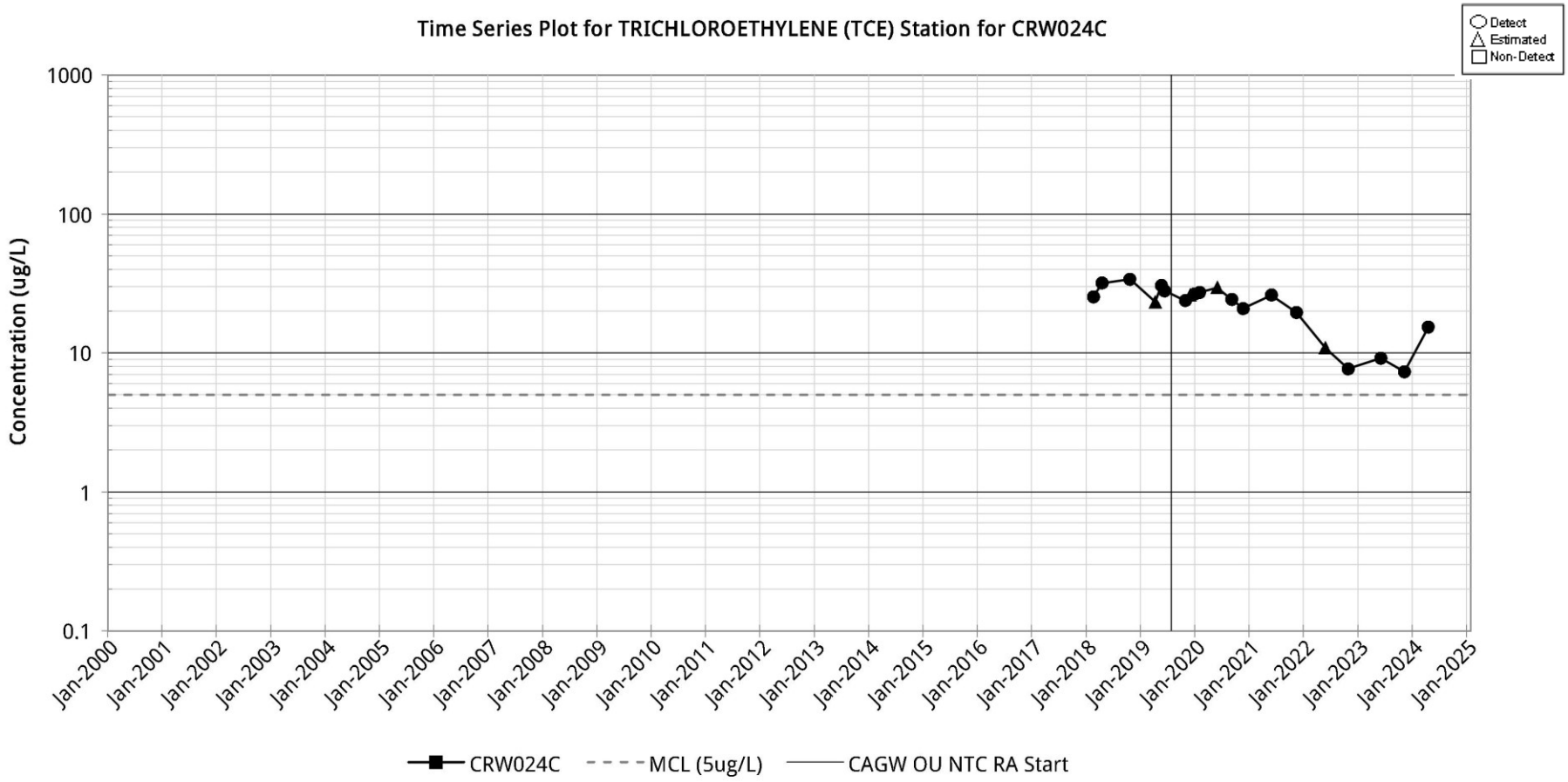

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW024C
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW024C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-132

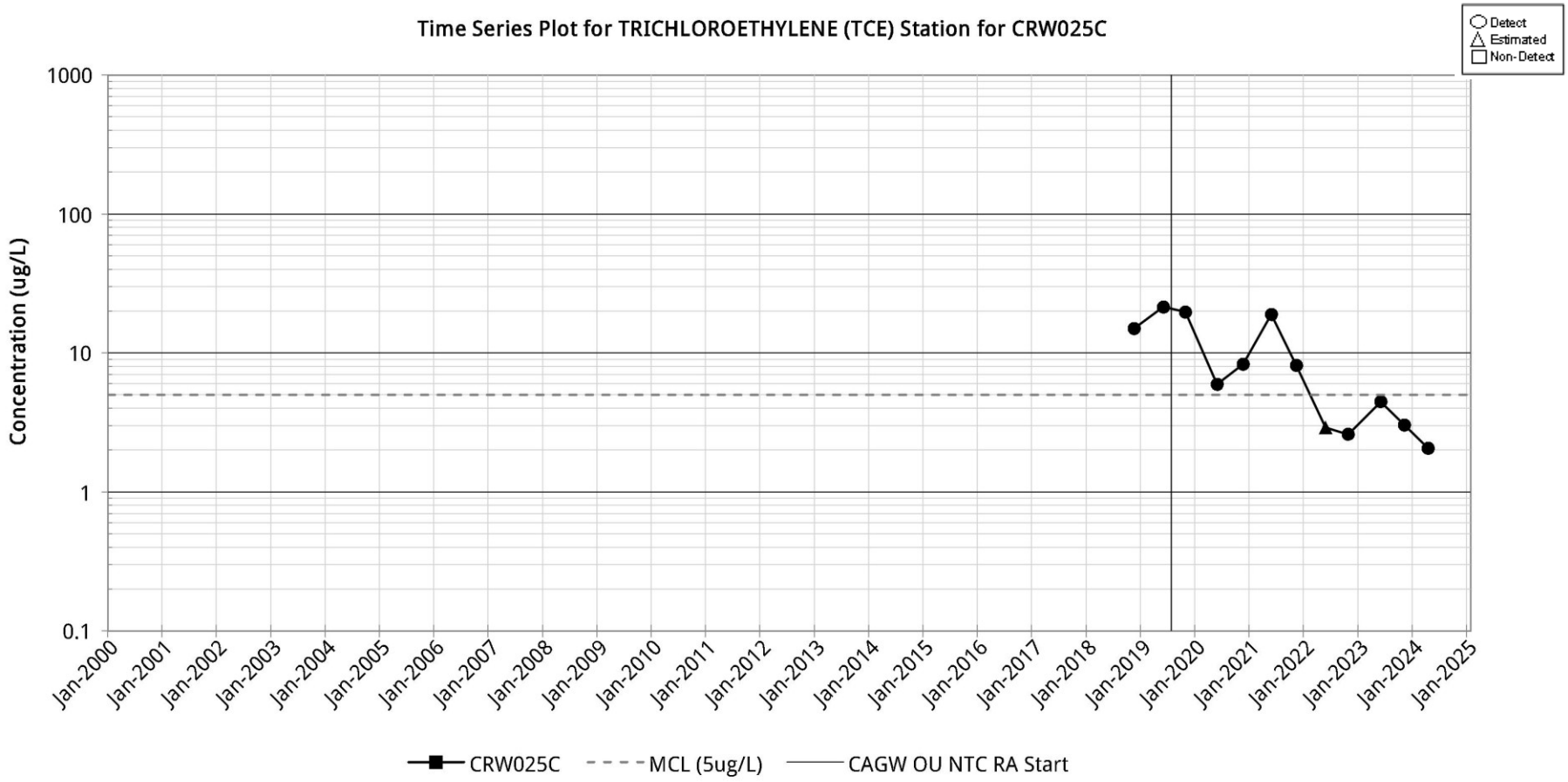

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW025C
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW025C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-133

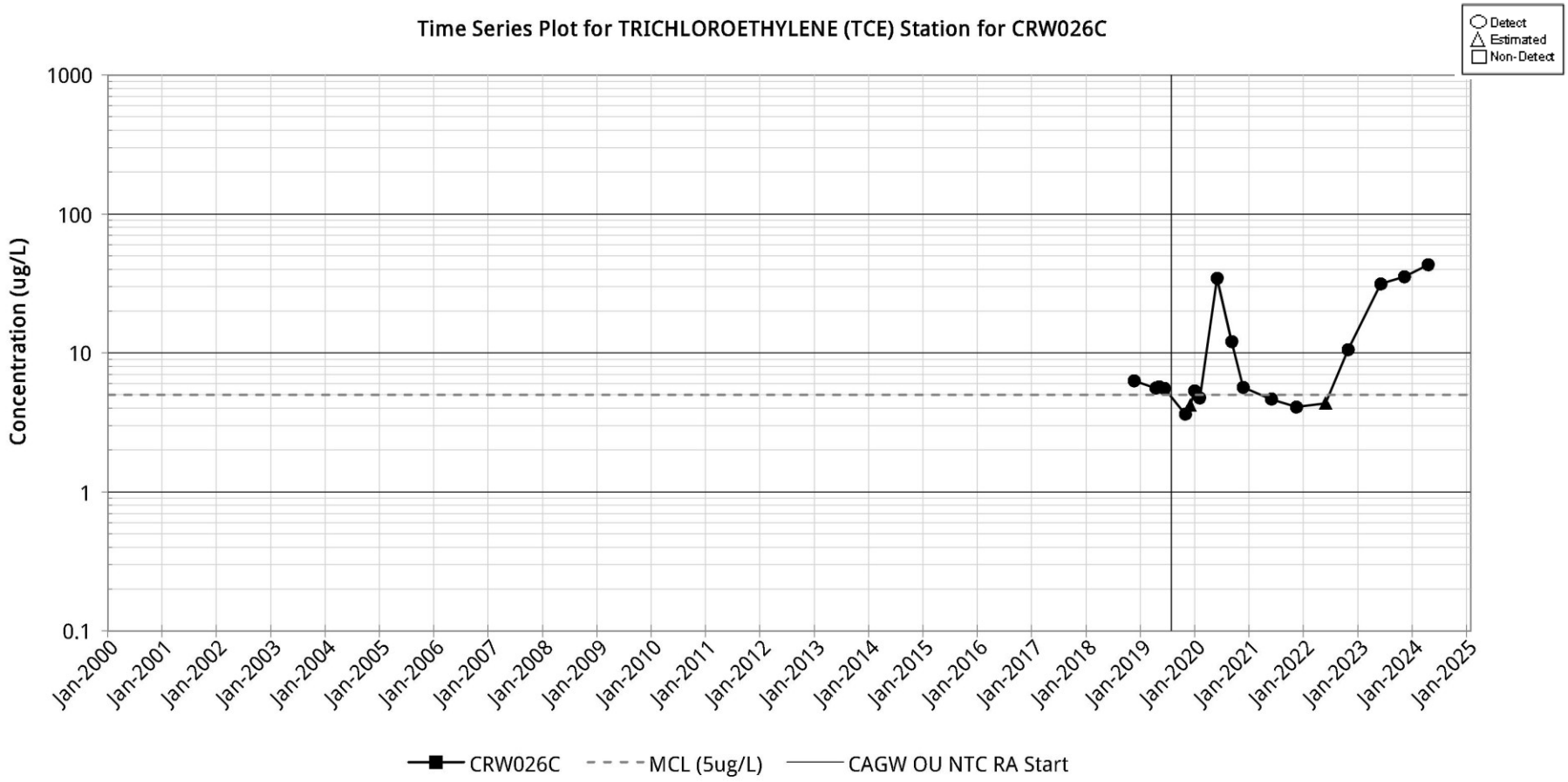

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW026C
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW026C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-134

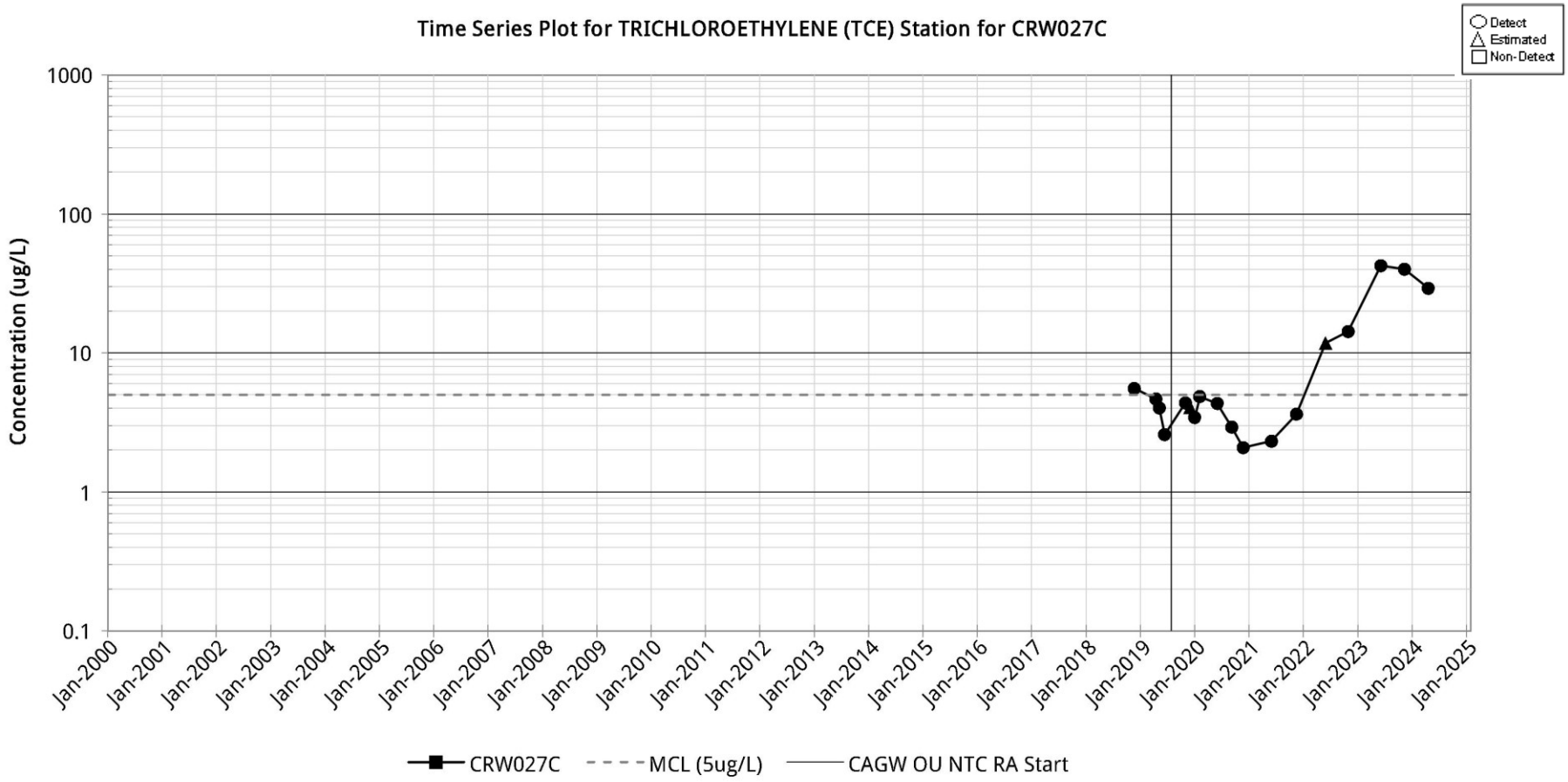

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW027C
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW027C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-135

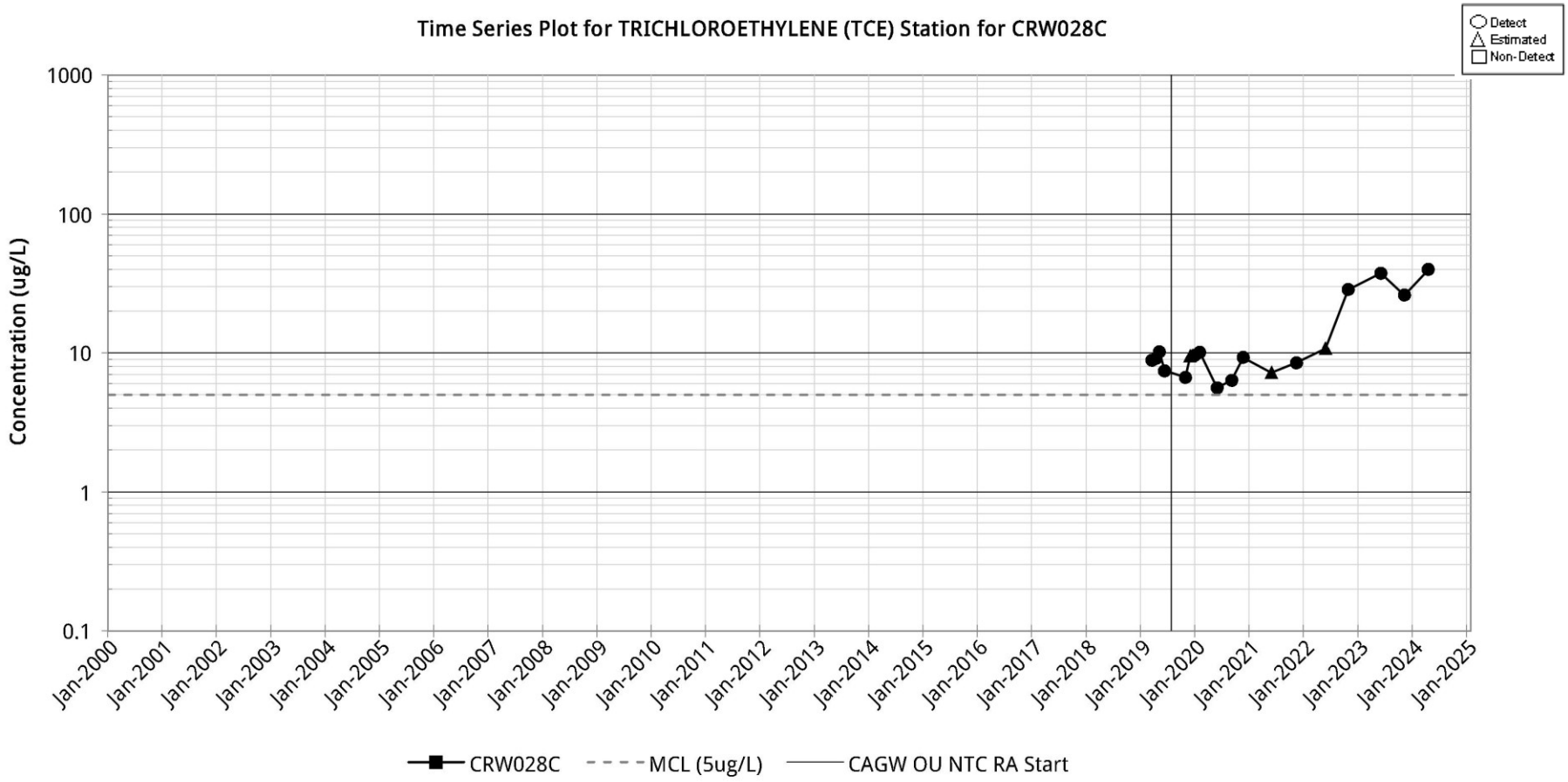
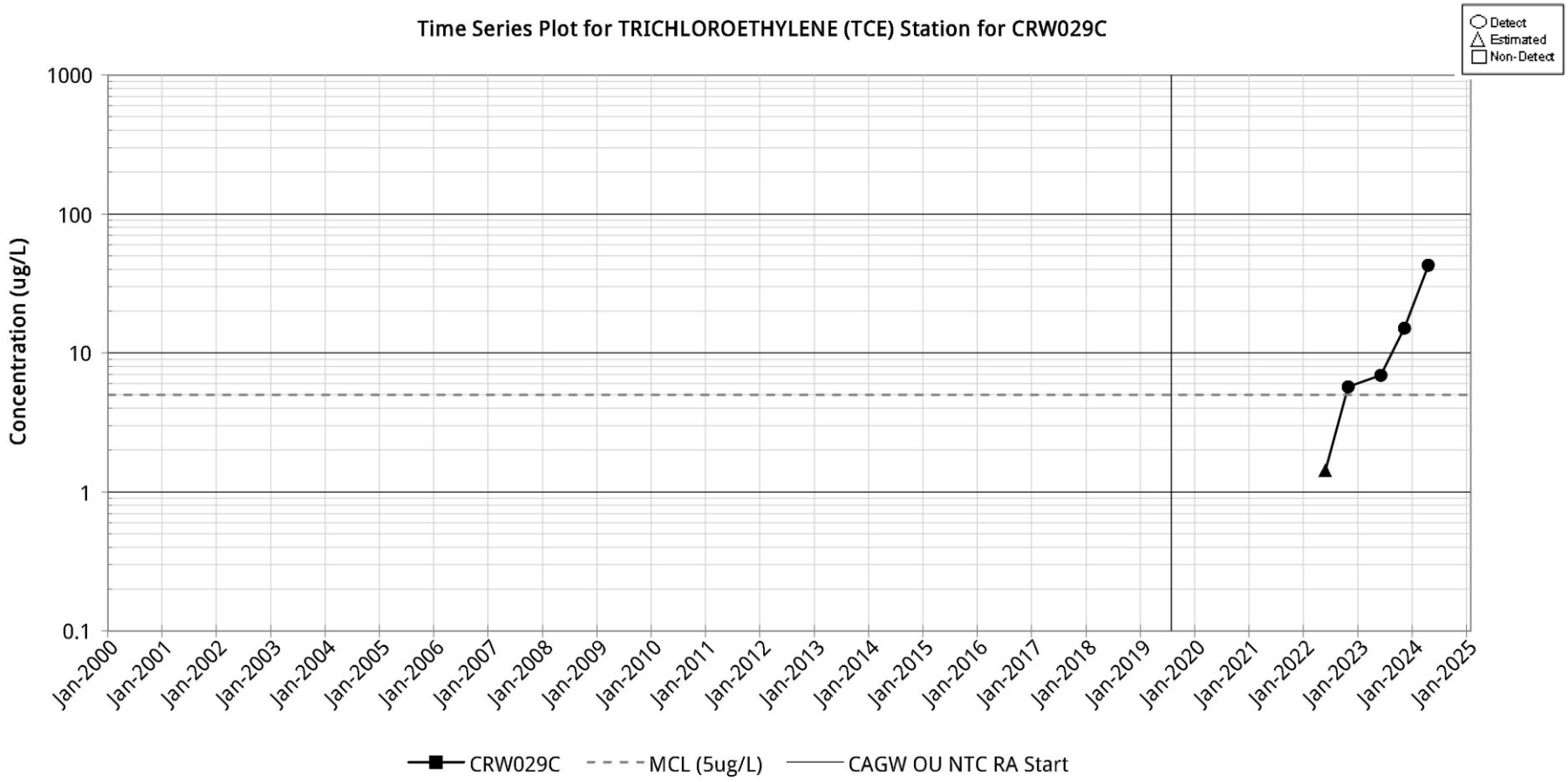

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW028C
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW028C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-136


Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW029C
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
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Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW029C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-137

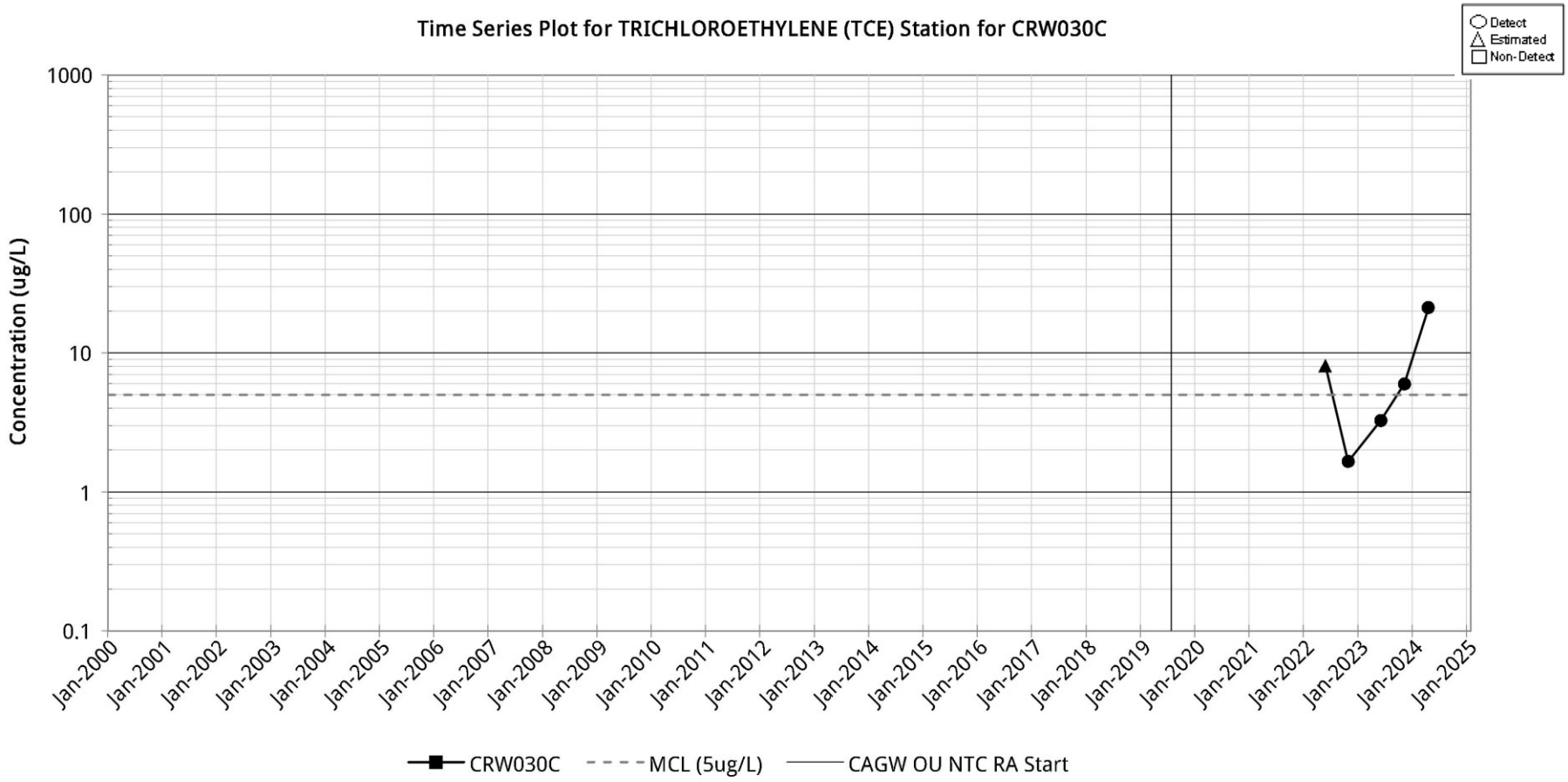

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW030C
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW030C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-138

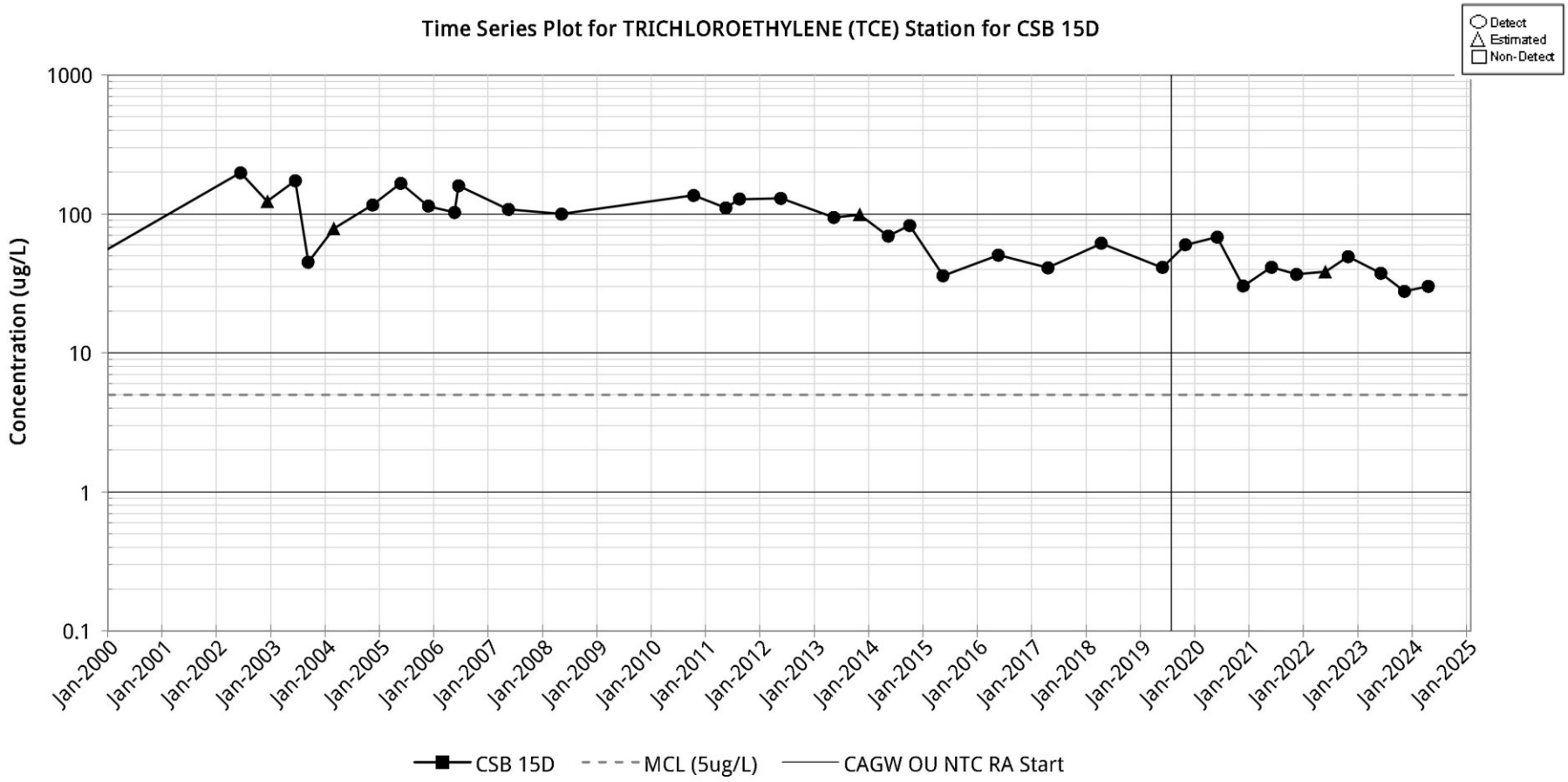

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB 15D
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB 15D
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-139

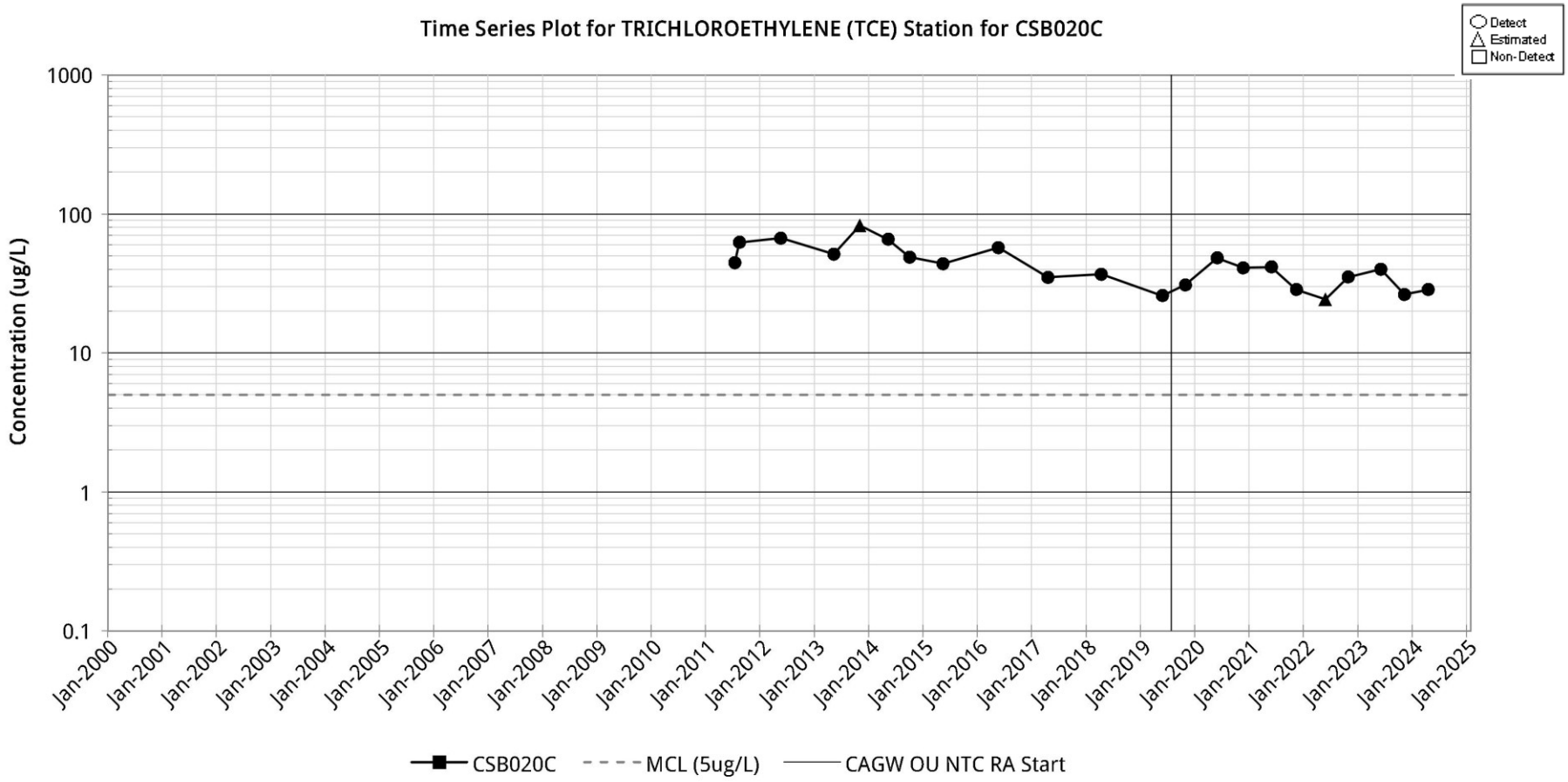

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB020C
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB020C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-140

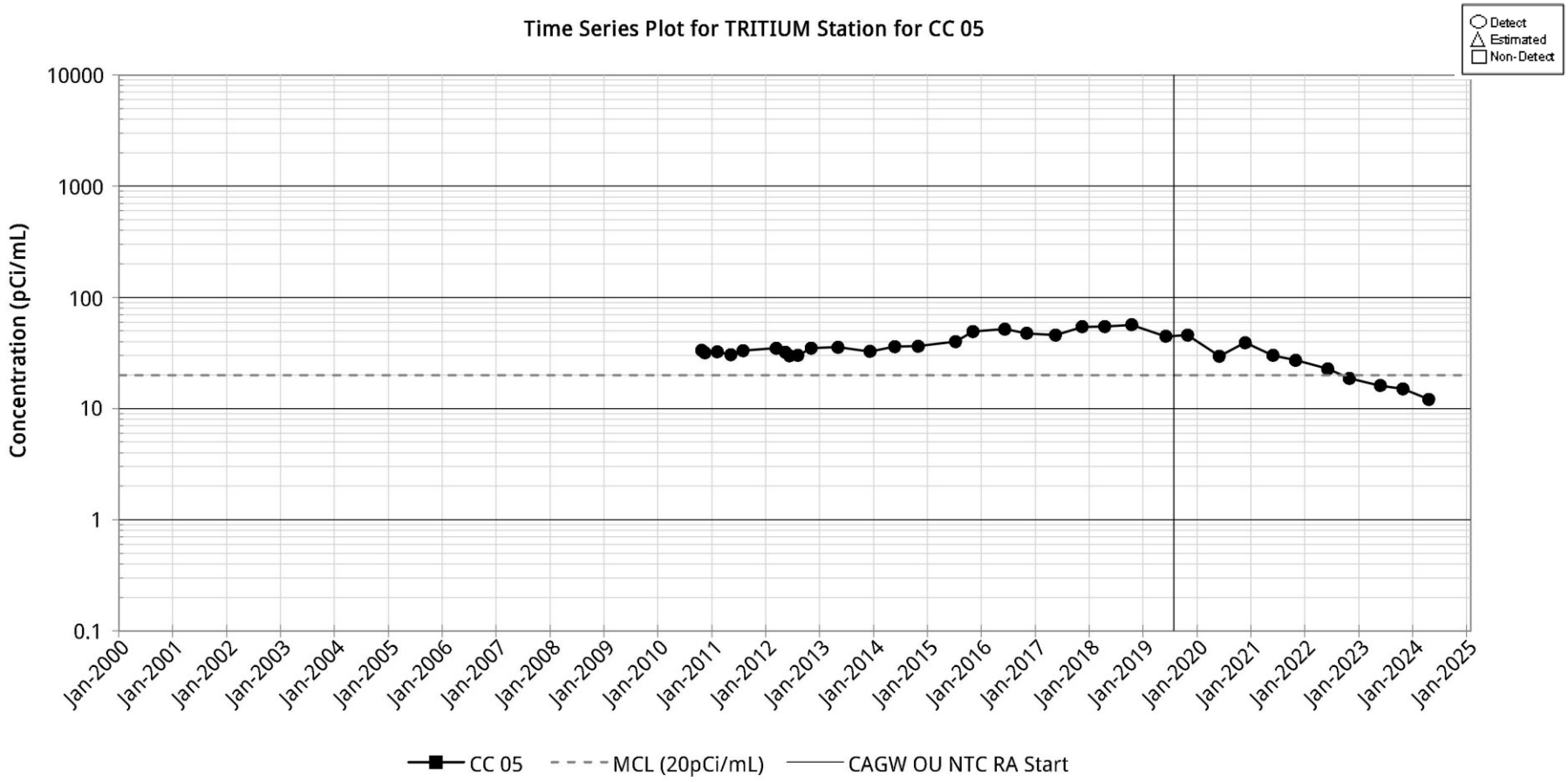

Time Series Plot for TRITIUM Station for CC 05
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 05
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-141

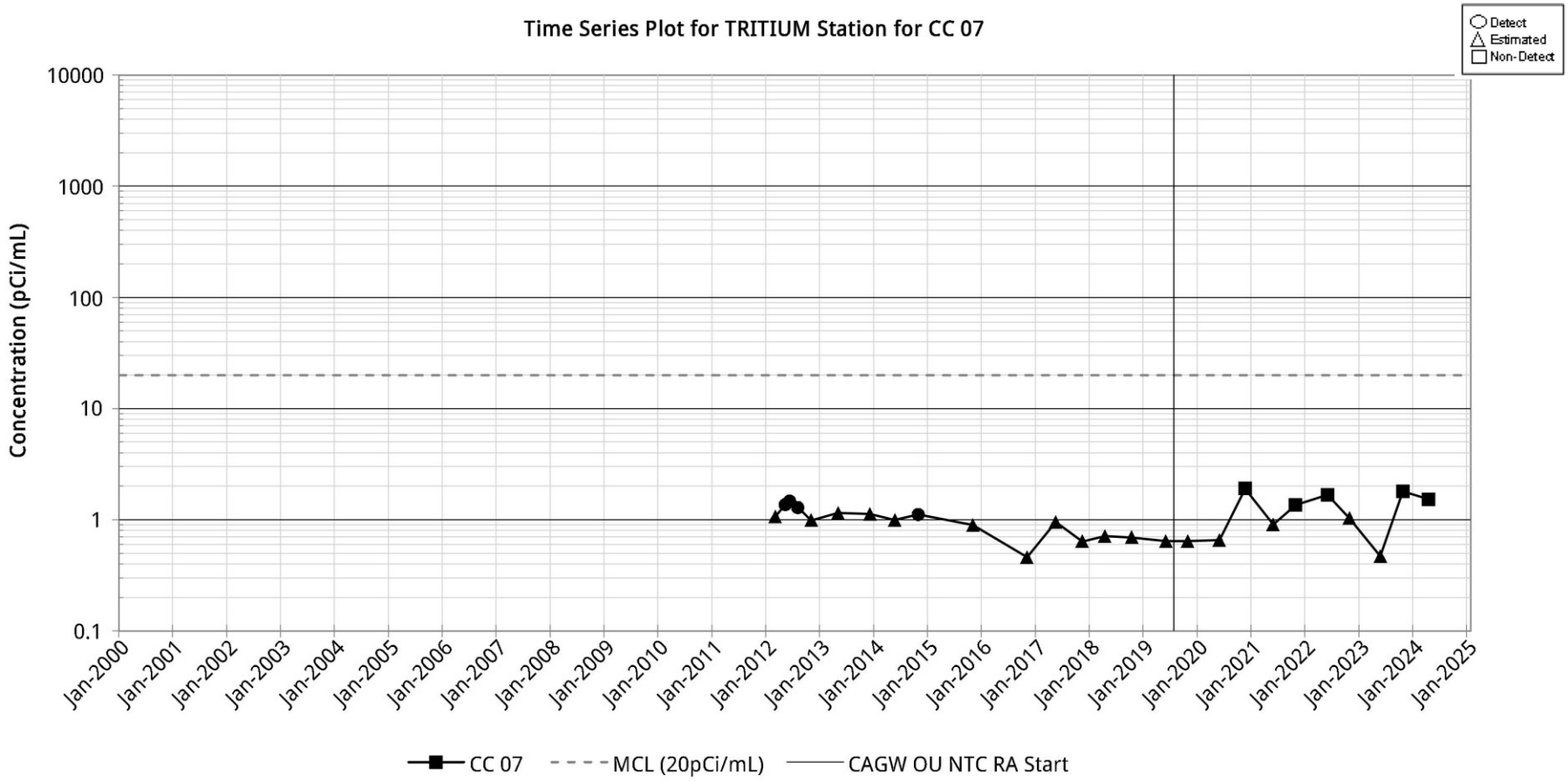

Time Series Plot for TRITIUM Station for CC 07
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 07
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-142

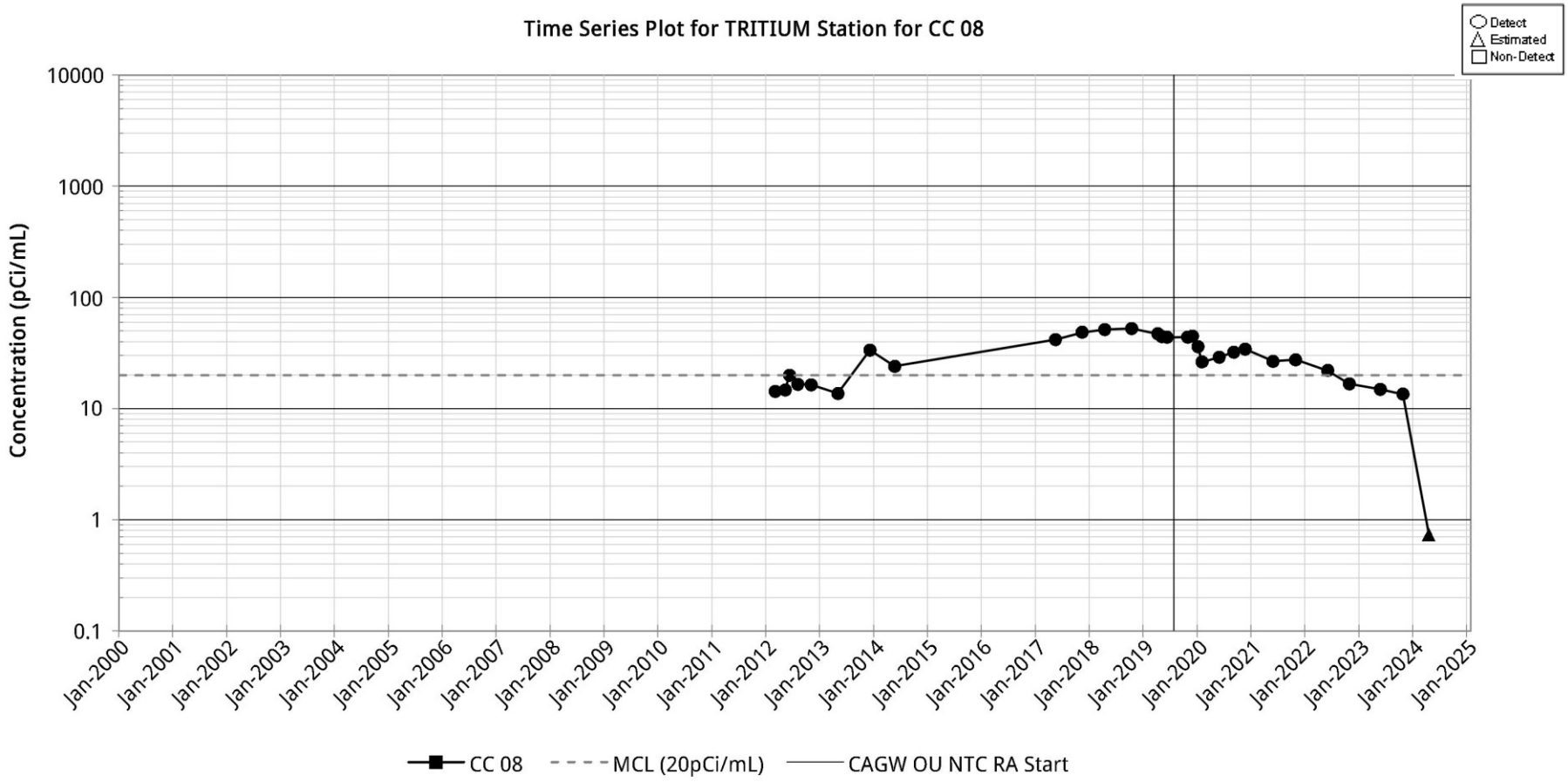

Time Series Plot for TRITIUM Station for CC 08
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CC 08
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-143

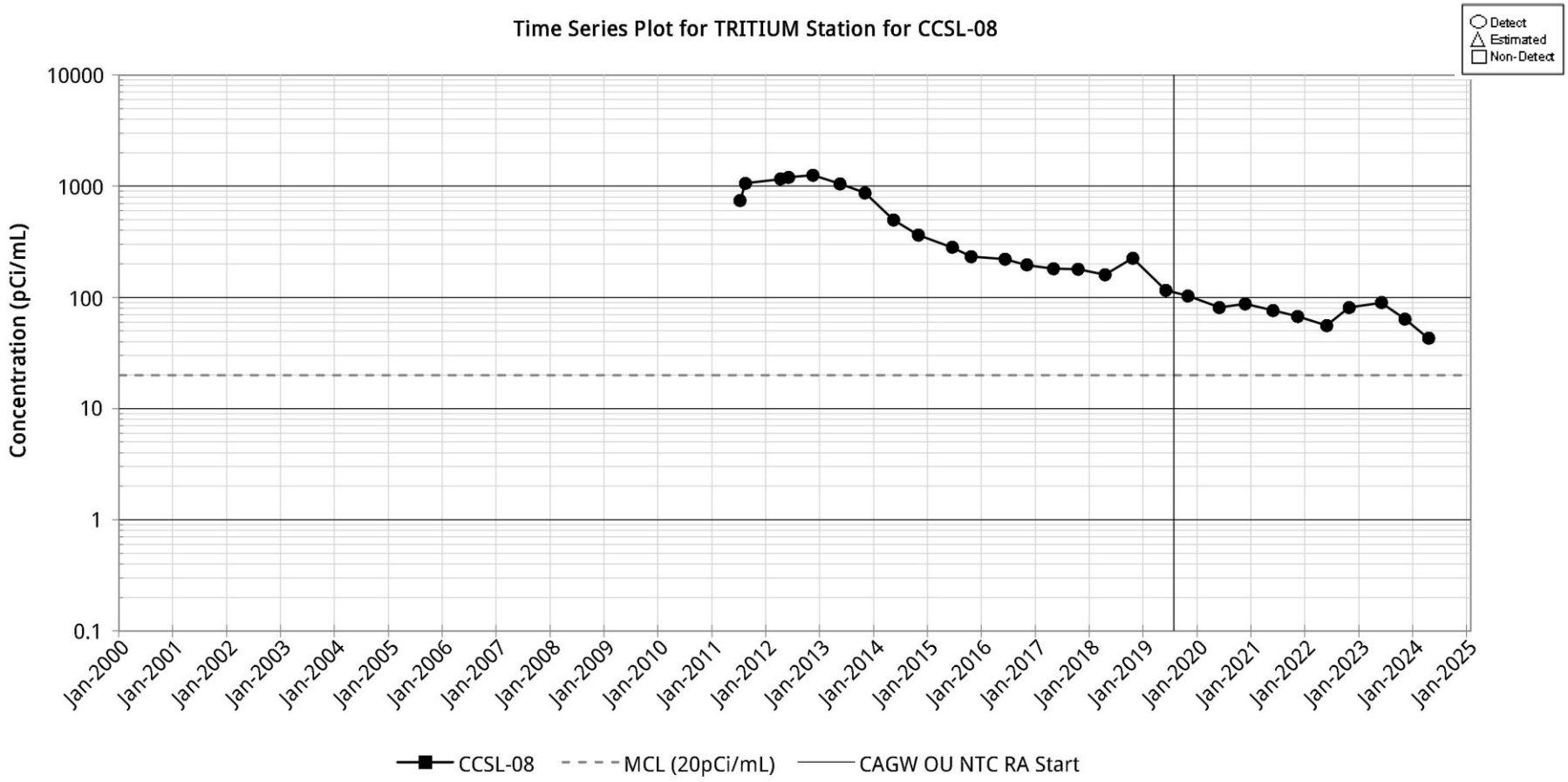

Time Series Plot for TRITIUM Station for CCSL-08
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-08
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-144

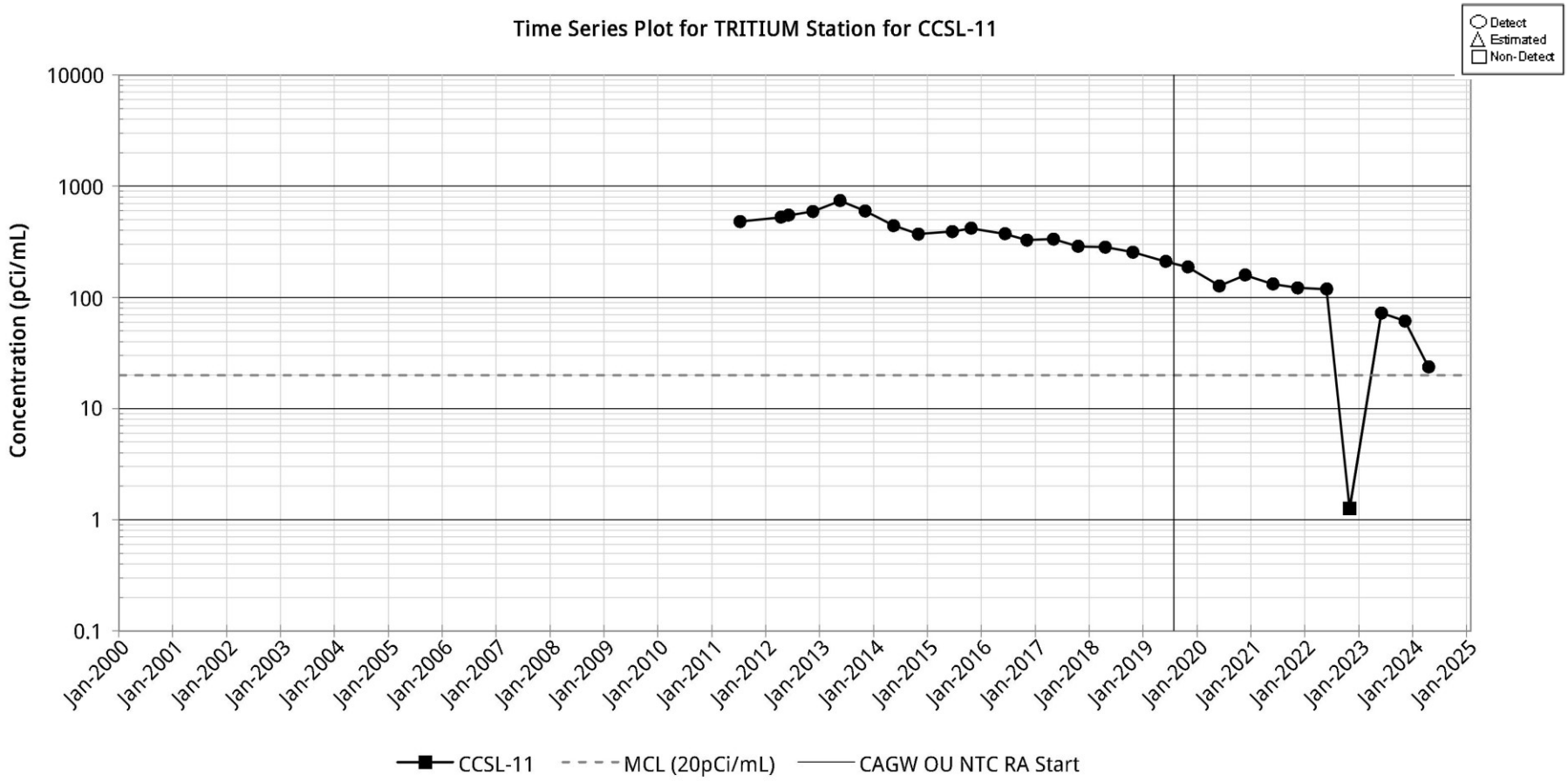

Time Series Plot for TRITIUM Station for CCSL-11
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-11
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-145

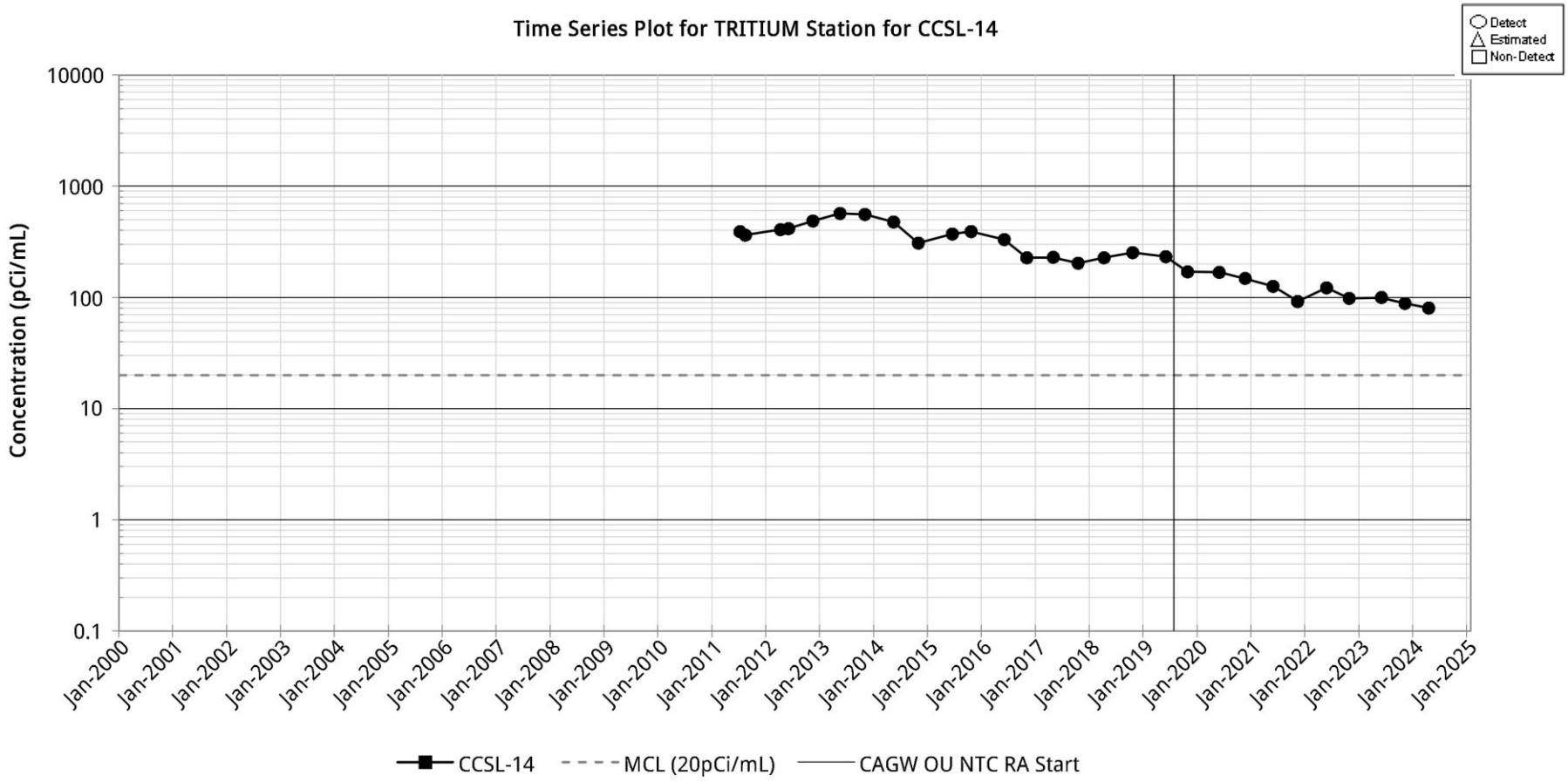

Time Series Plot for TRITIUM Station for CCSL-14
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-14
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-146

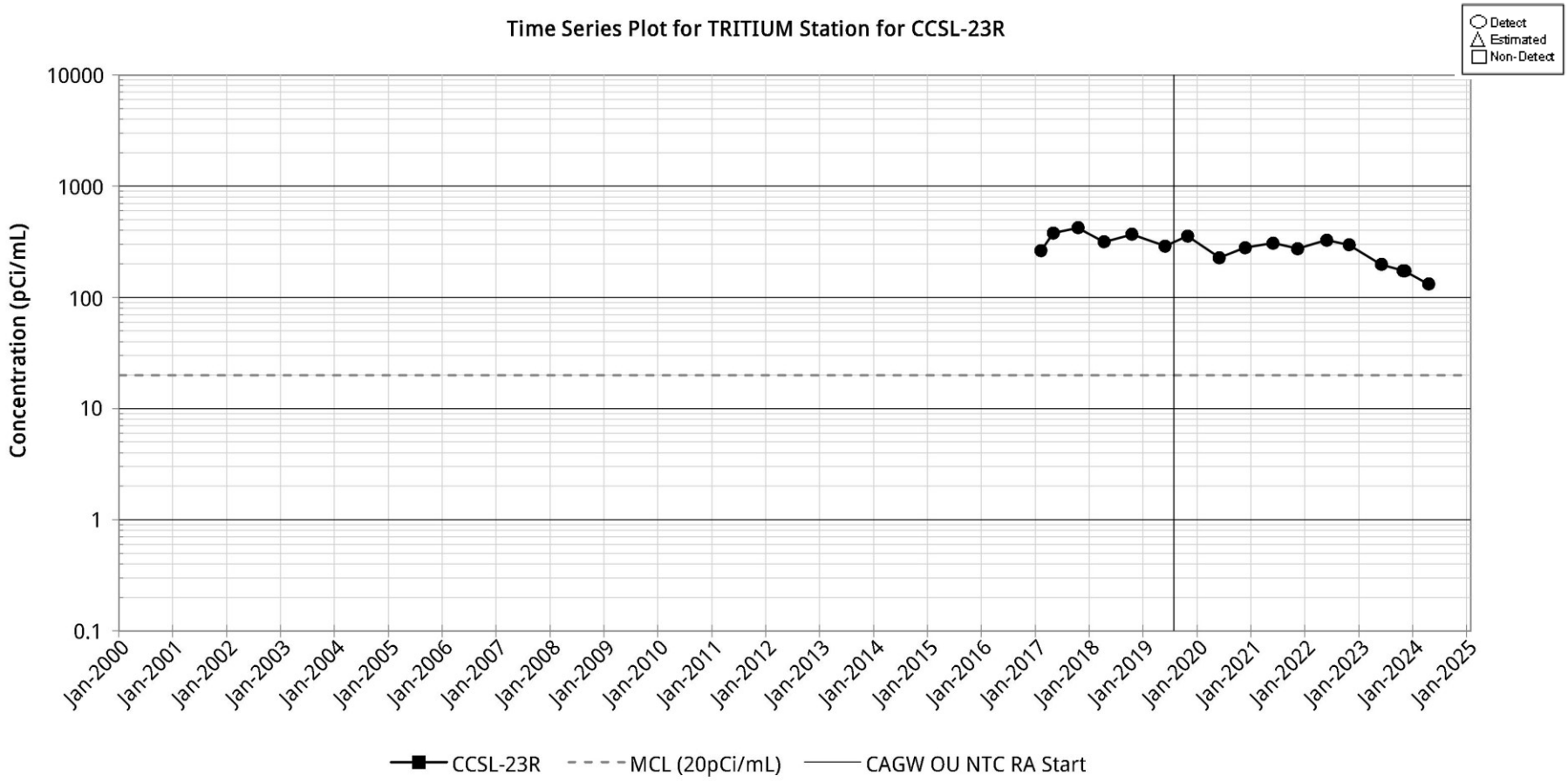

Time Series Plot for TRITIUM Station for CCSL-23R
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCSL-23R
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-147

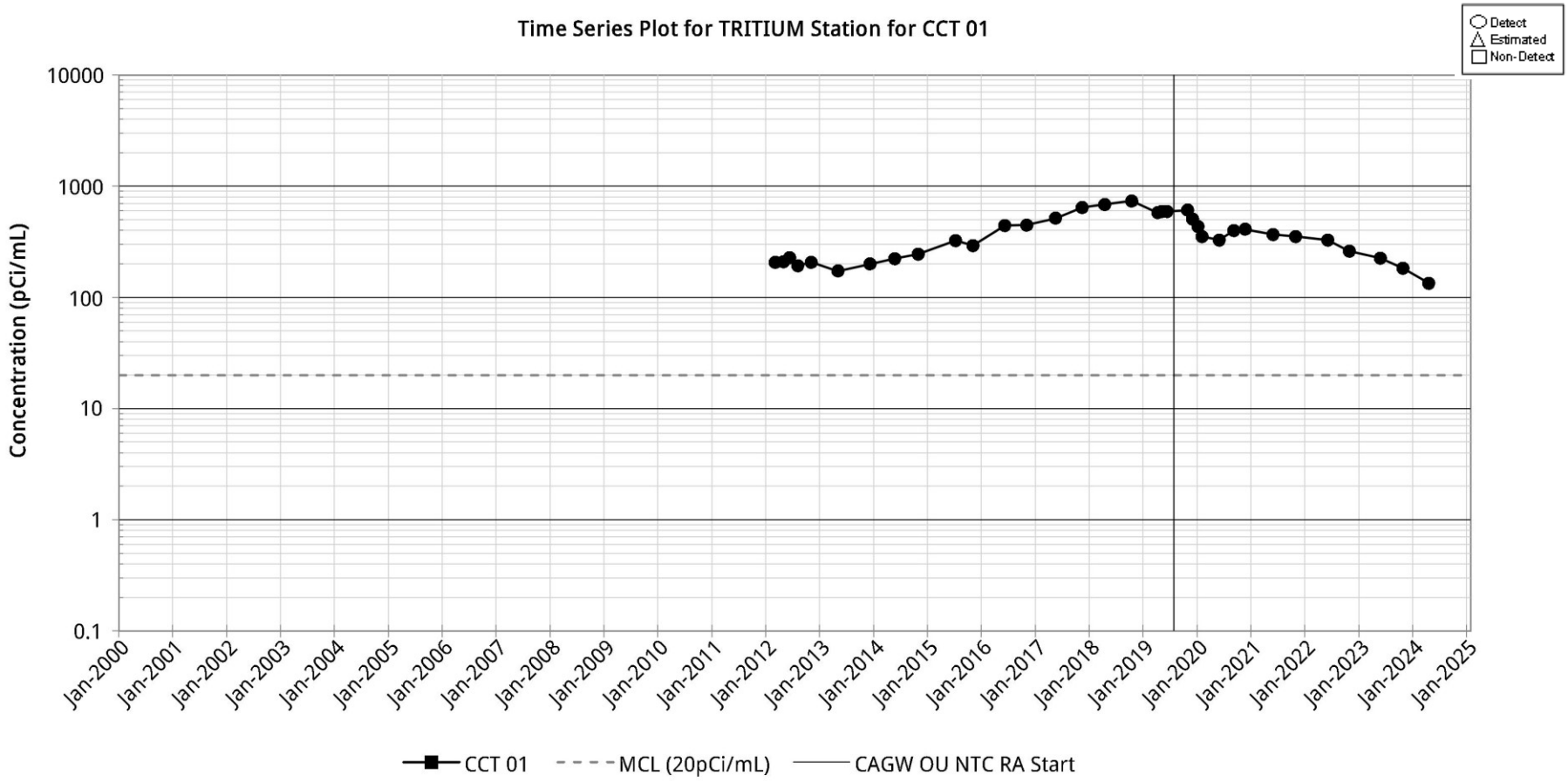

Time Series Plot for TRITIUM Station for CCT 01
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 01
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-148

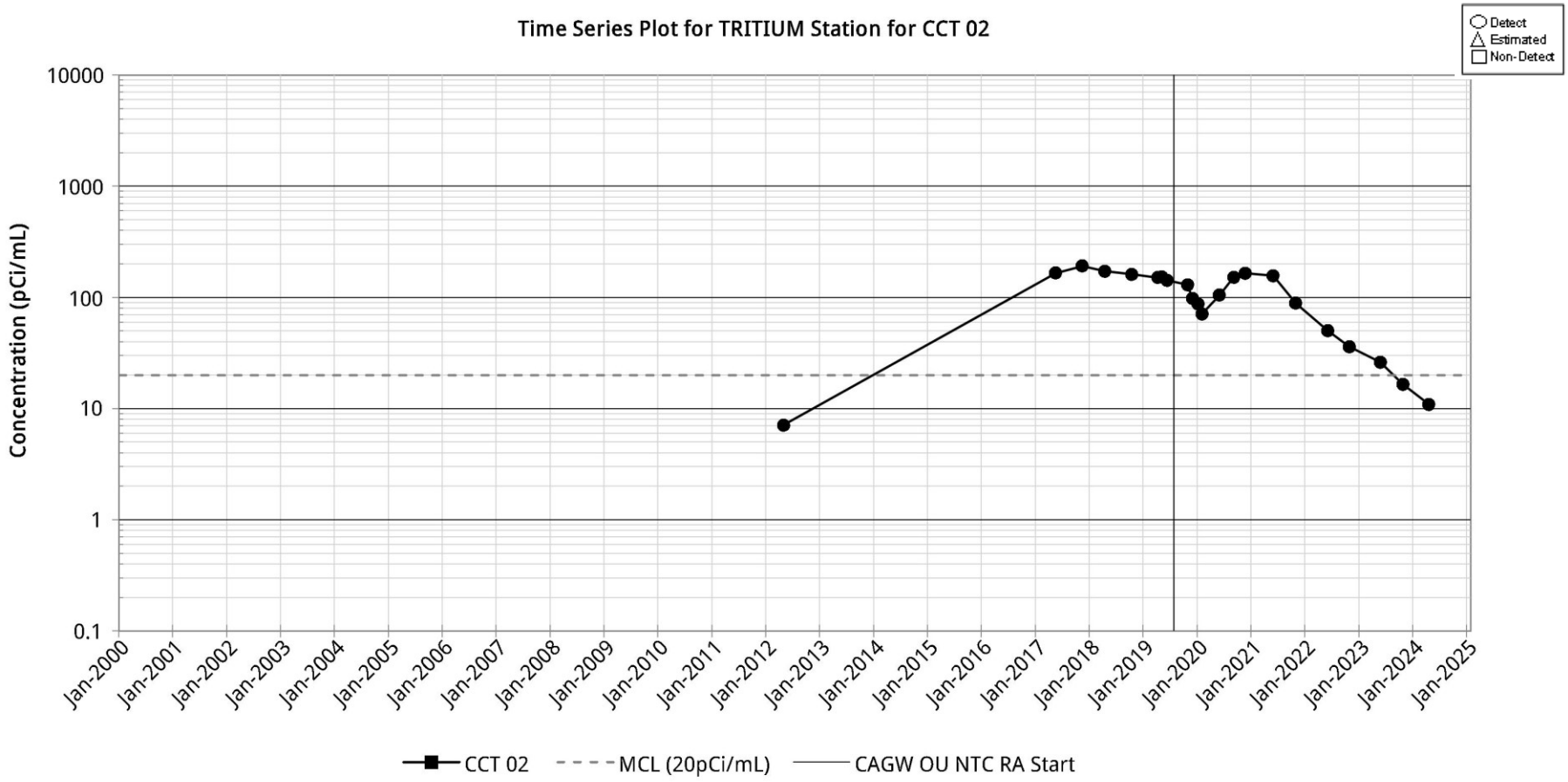
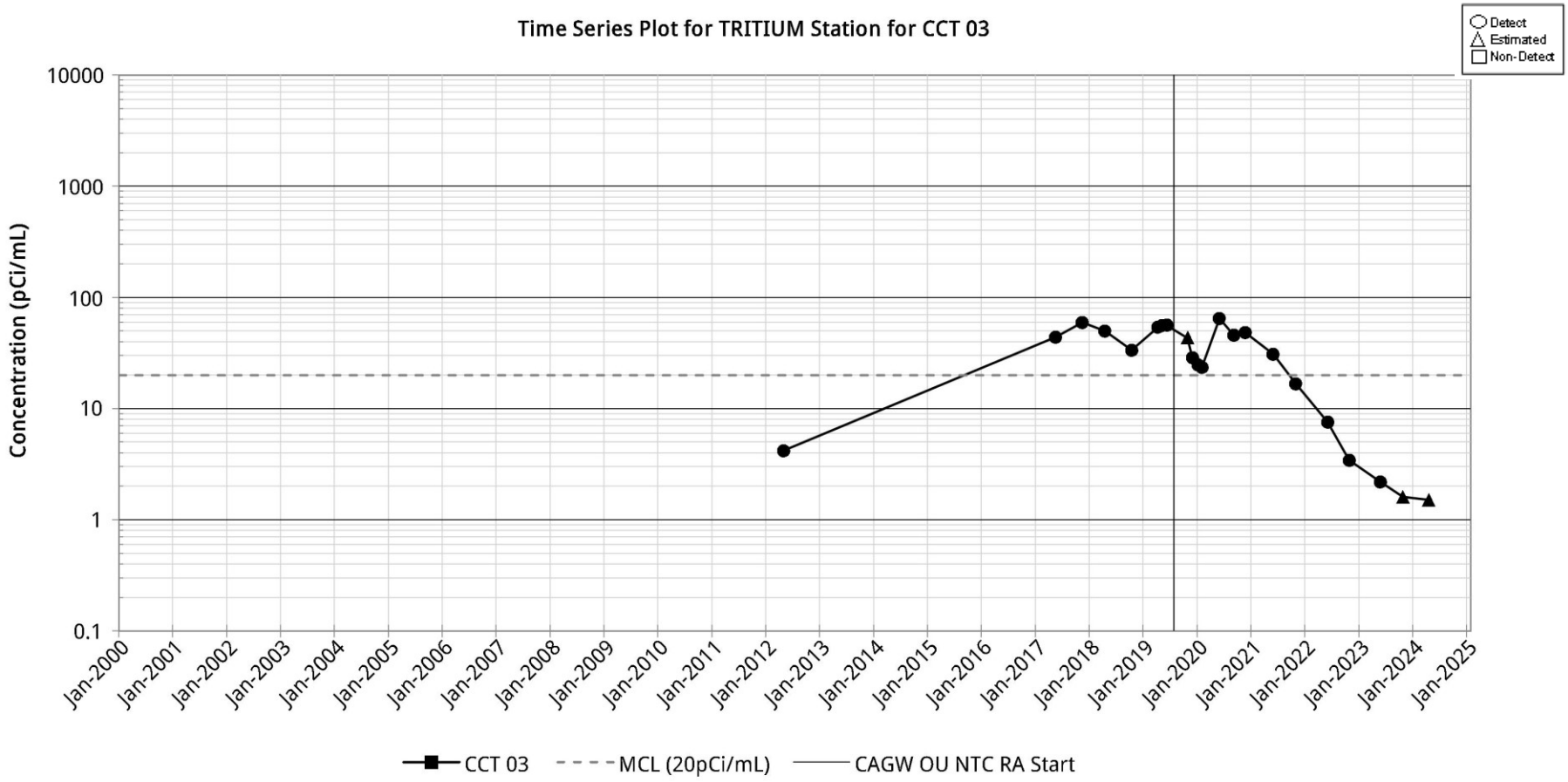

Time Series Plot for TRITIUM Station for CCT 02
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 02
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-149


Time Series Plot for TRITIUM Station for CCT 03
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
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Jan-2015
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Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CCT 03
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-150

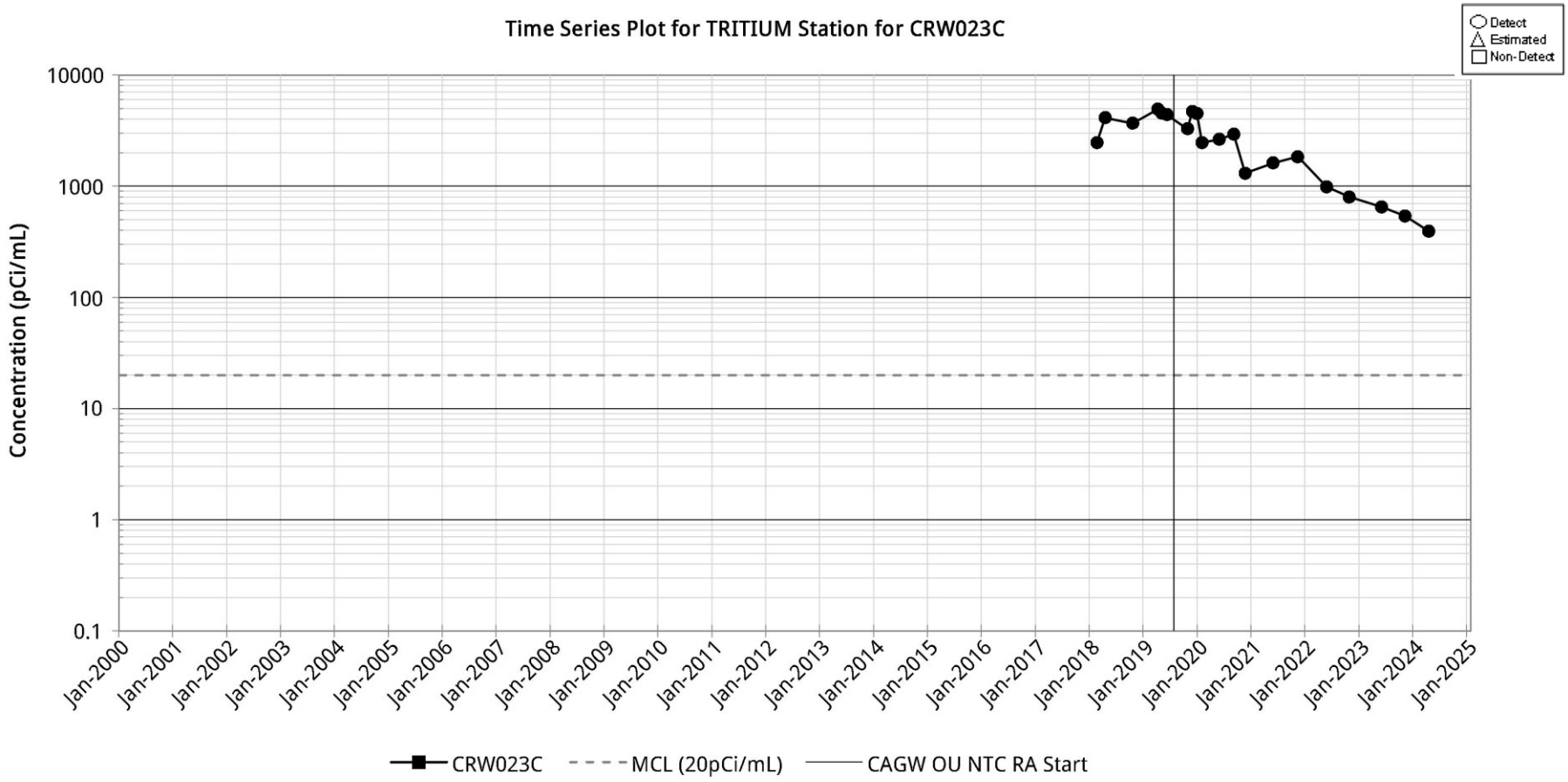
Time Series Plot for TRITIUM Station for CRW023C
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW023C
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-151

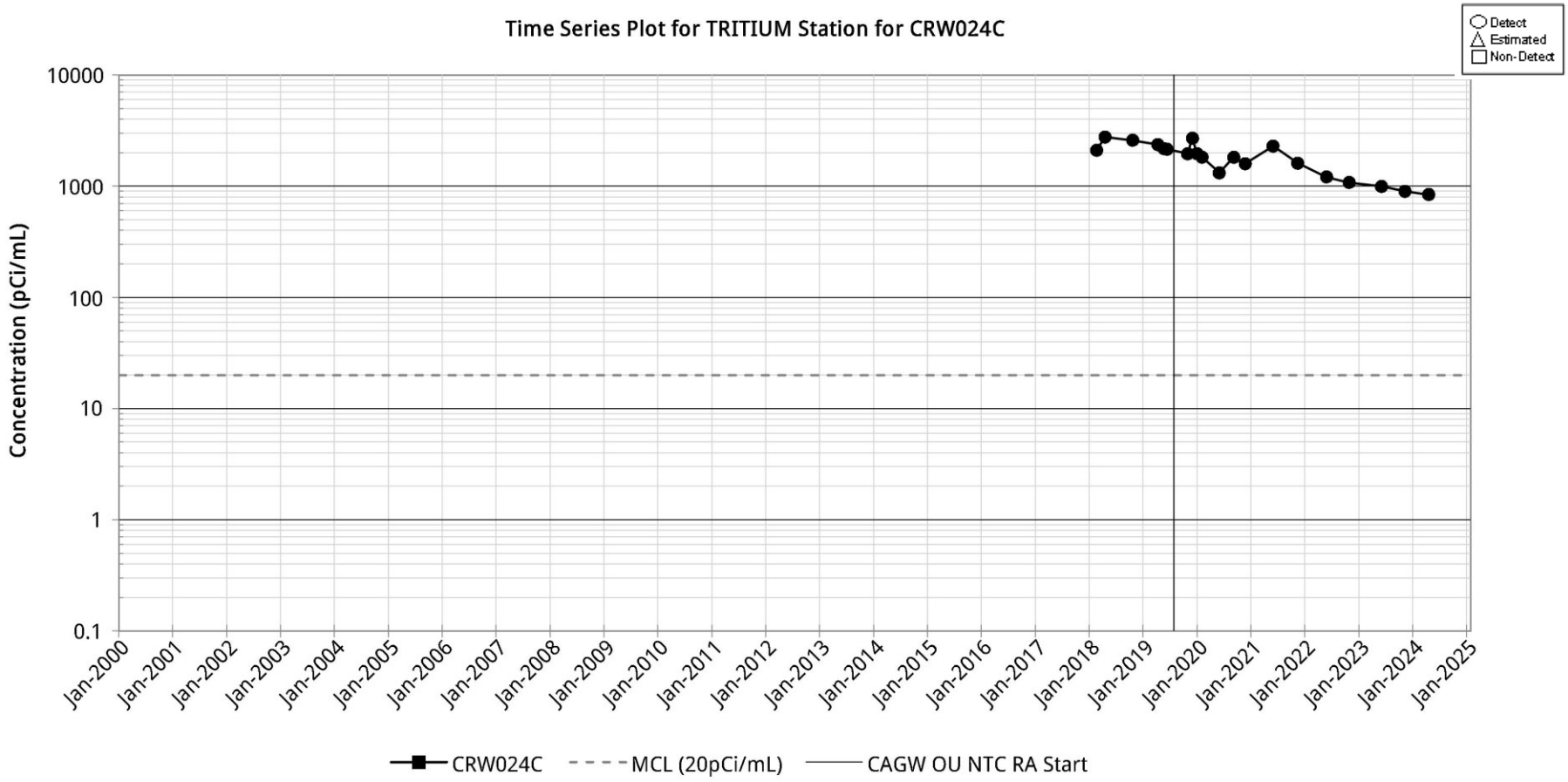
Time Series Plot for TRITIUM Station for CRW024C
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW024C
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-152

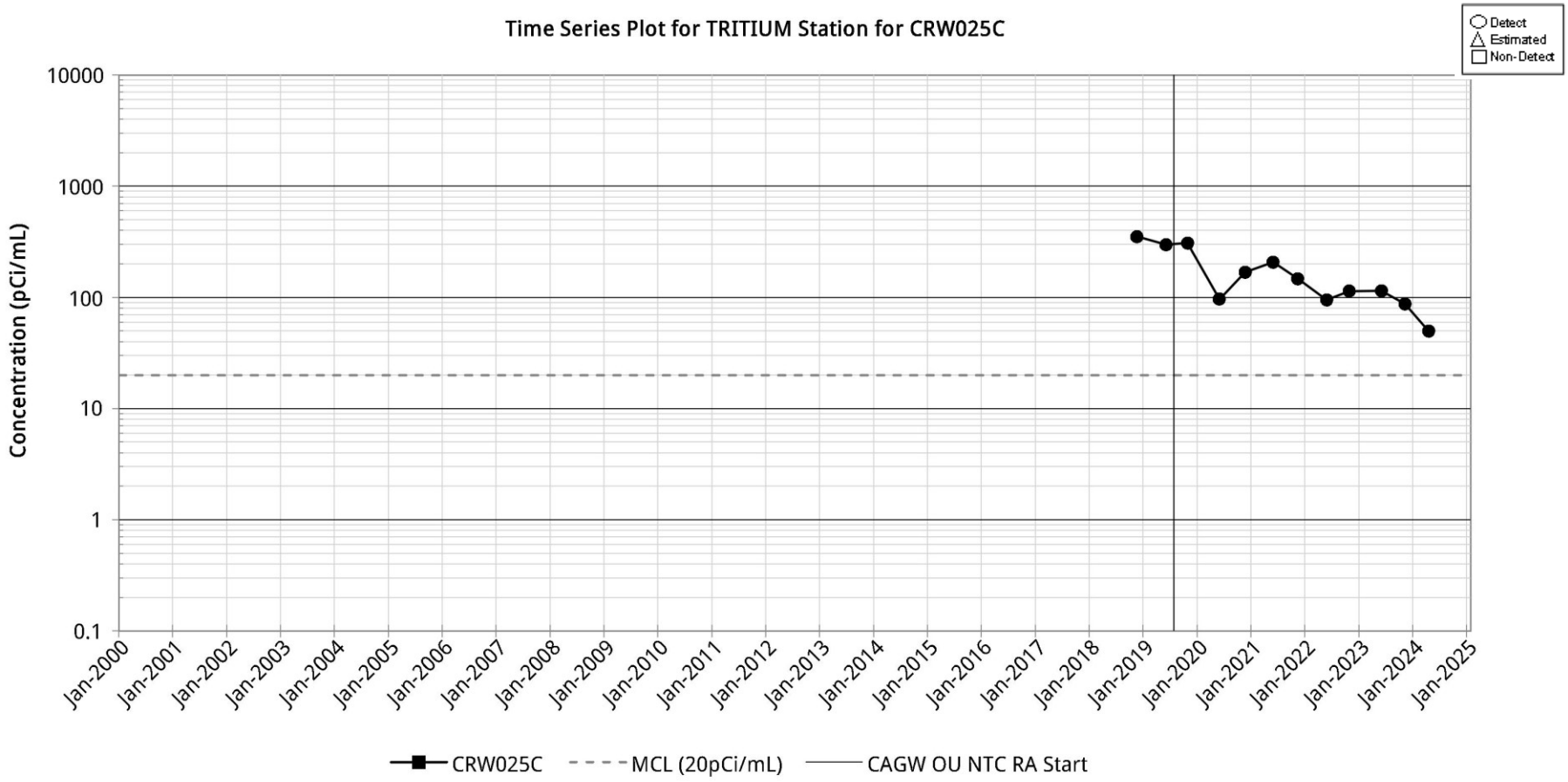
Time Series Plot for TRITIUM Station for CRW025C
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW025C
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-153

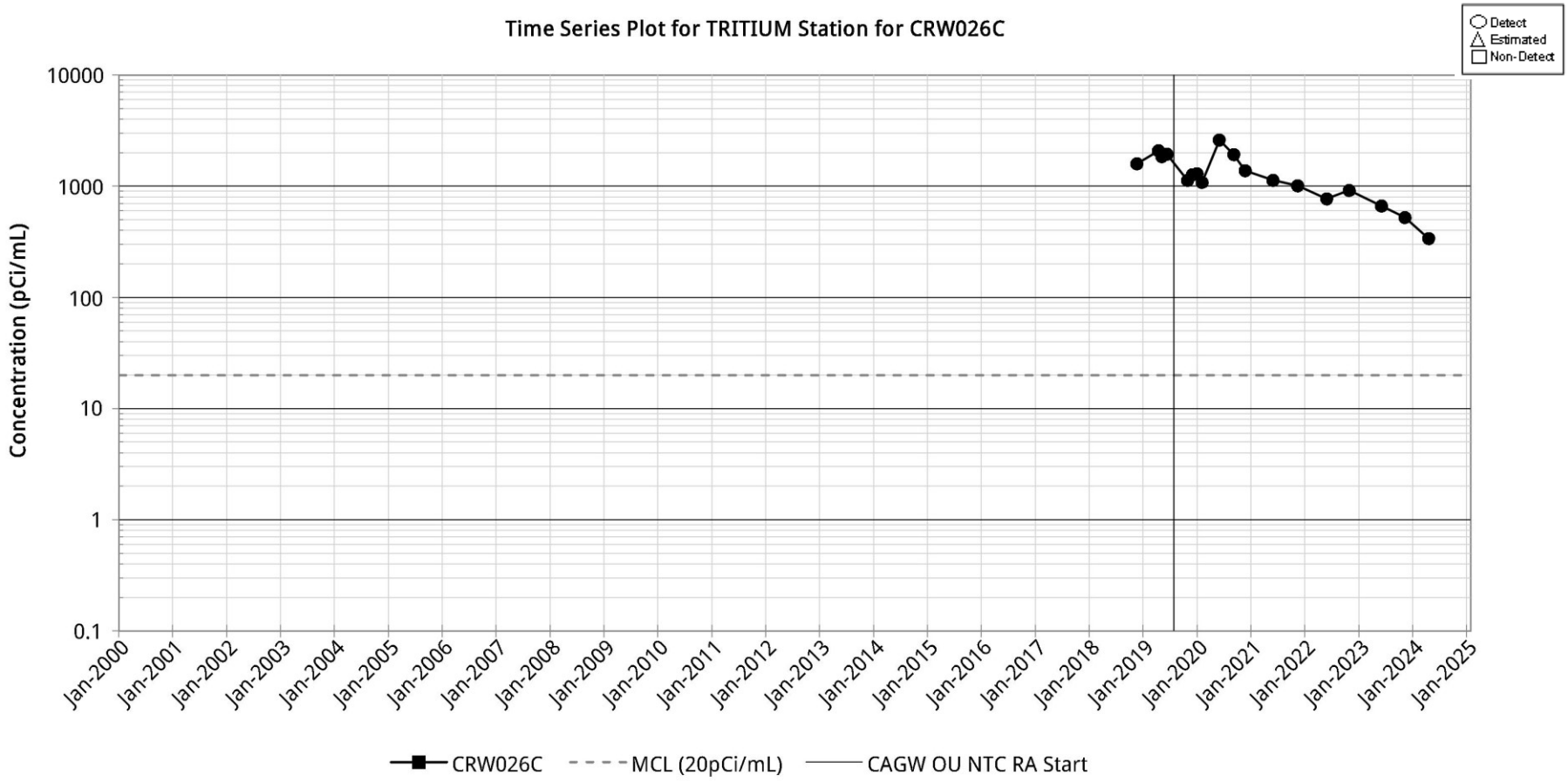
Time Series Plot for TRITIUM Station for CRW026C
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW026C
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-154

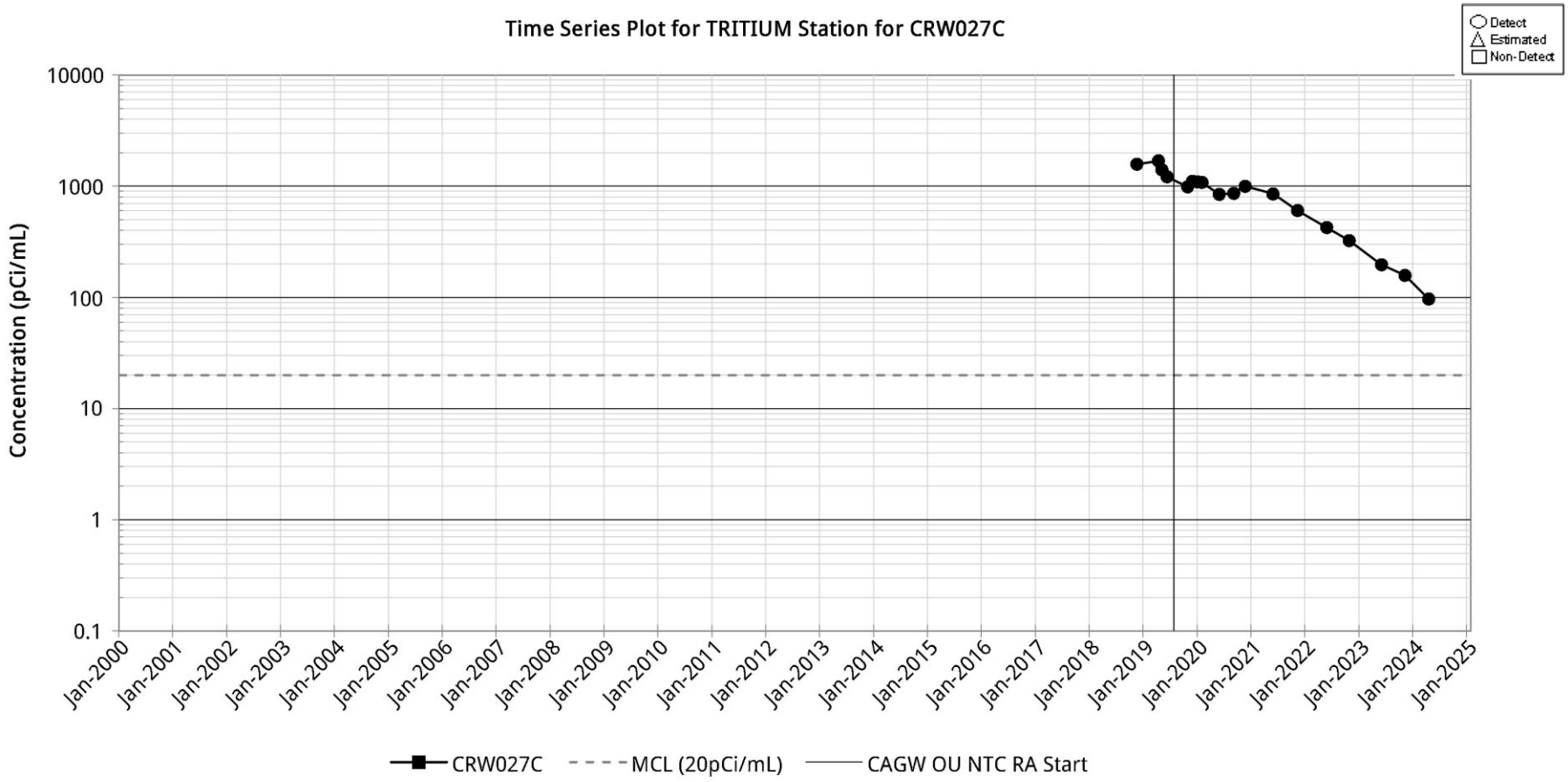
Time Series Plot for TRITIUM Station for CRW027C
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW027C
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-155

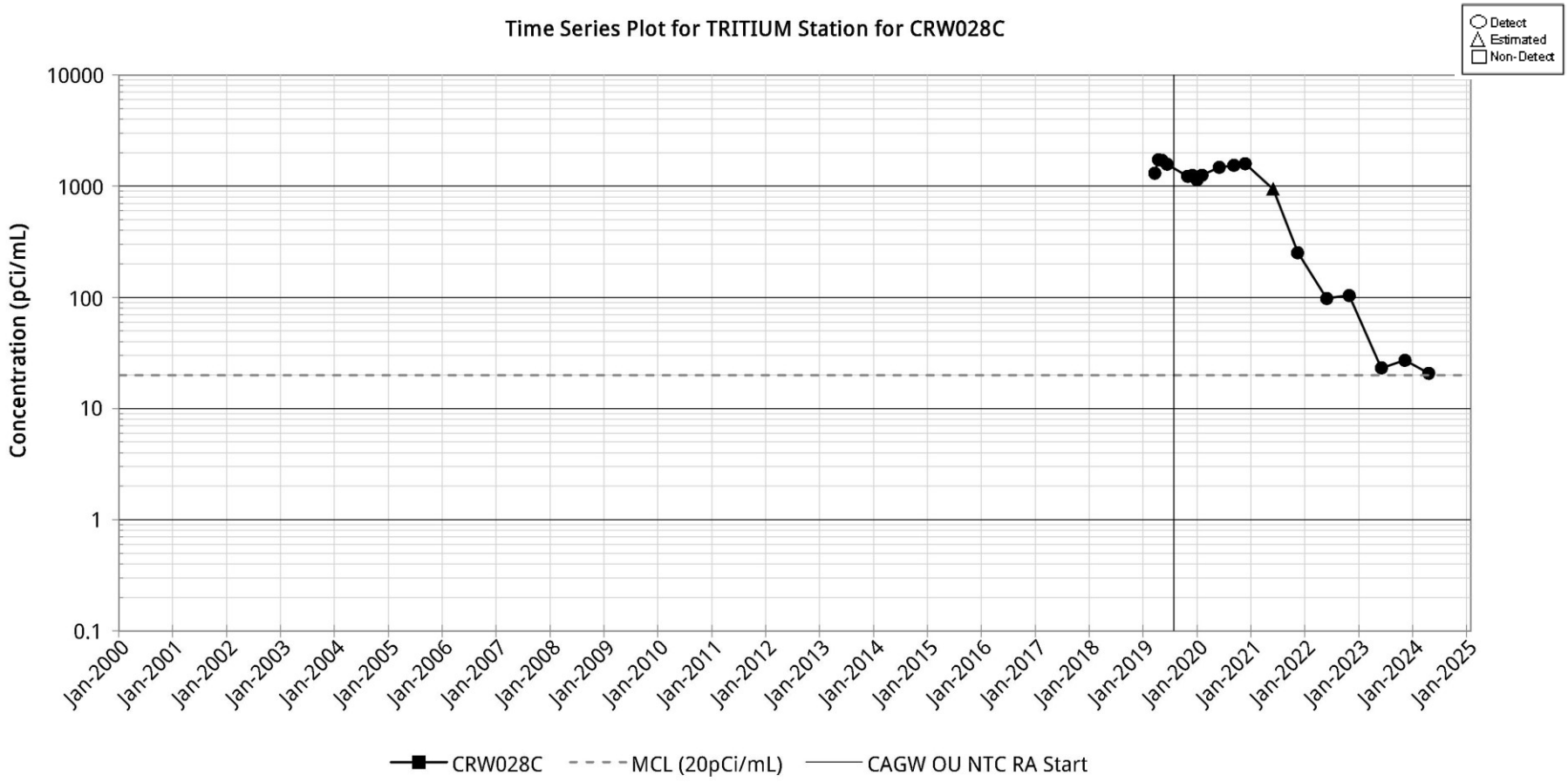
Time Series Plot for TRITIUM Station for CRW028C
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW028C
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-156

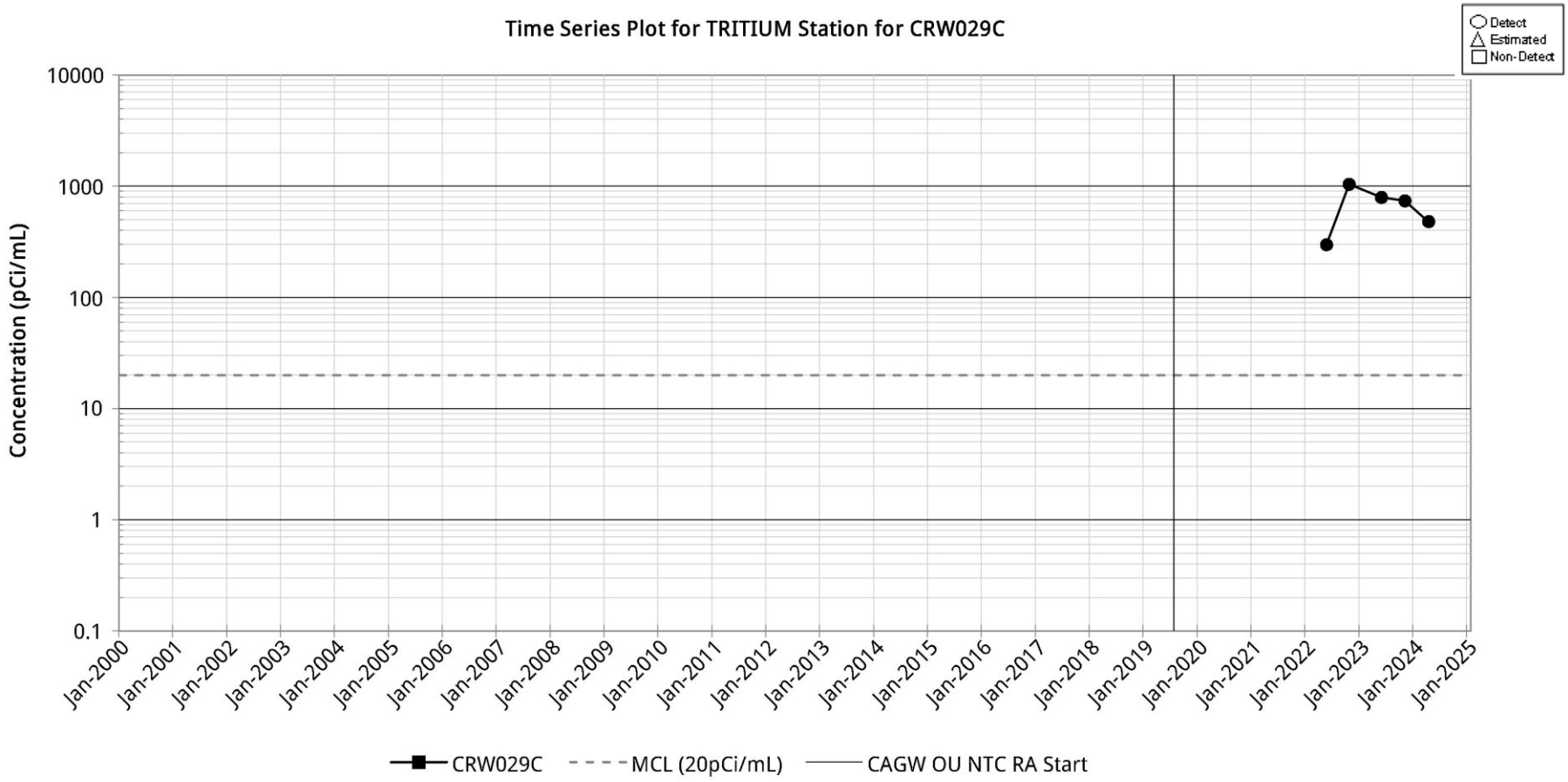
Time Series Plot for TRITIUM Station for CRW029C
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW029C
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-157

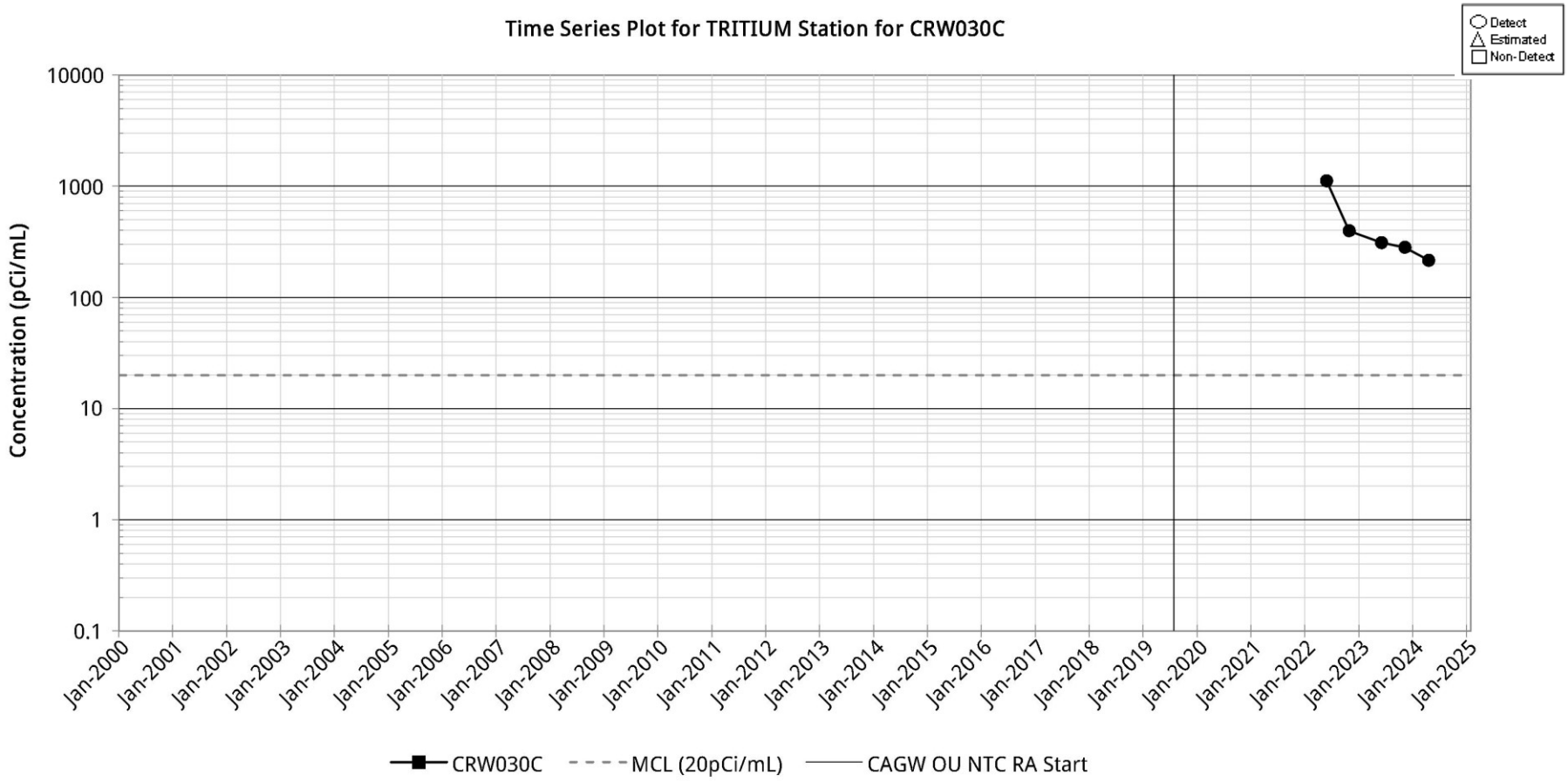
Time Series Plot for TRITIUM Station for CRW030C
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW030C
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-158

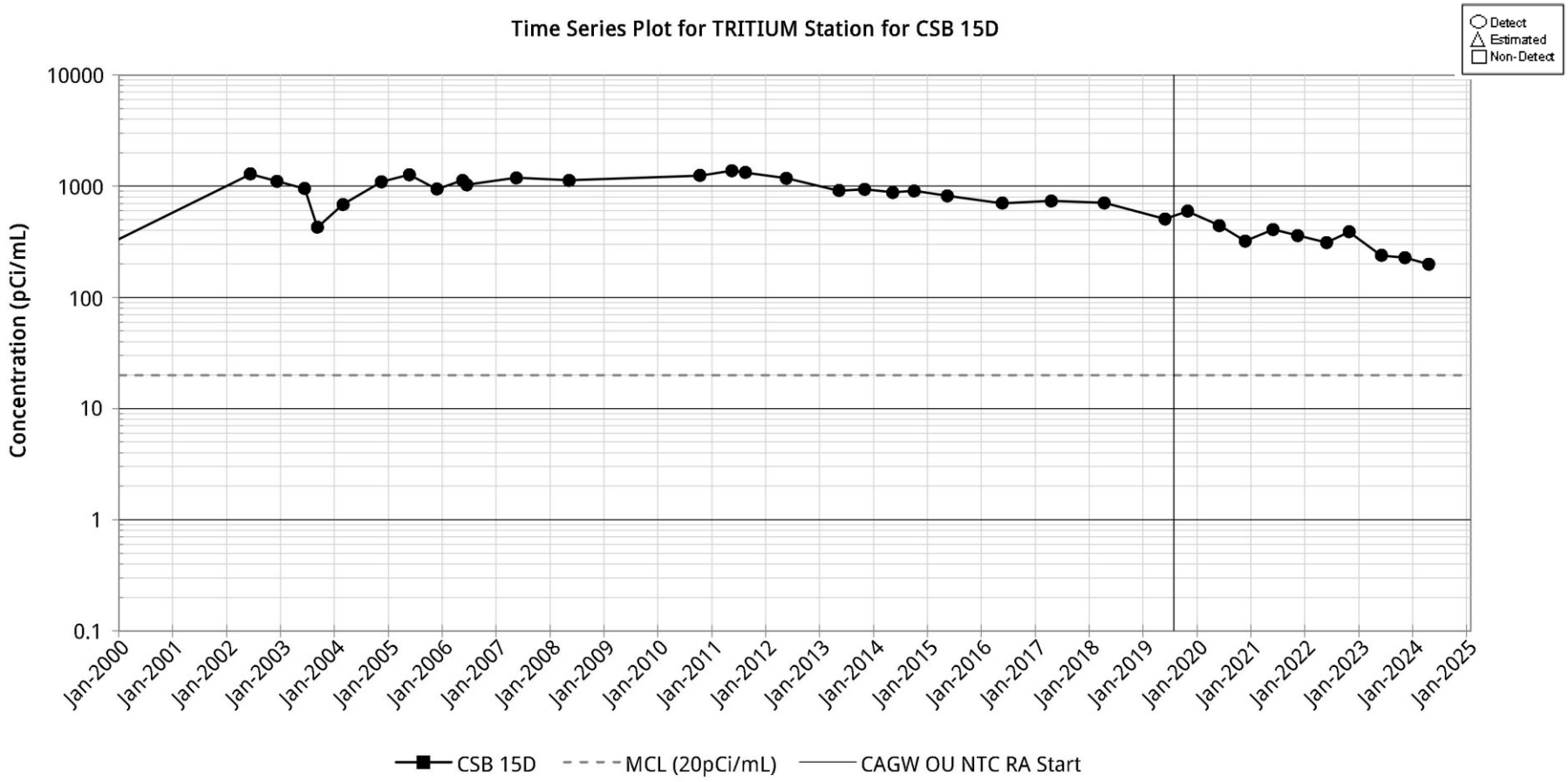
Time Series Plot for TRITIUM Station for CSB 15D
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB 15D
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-159

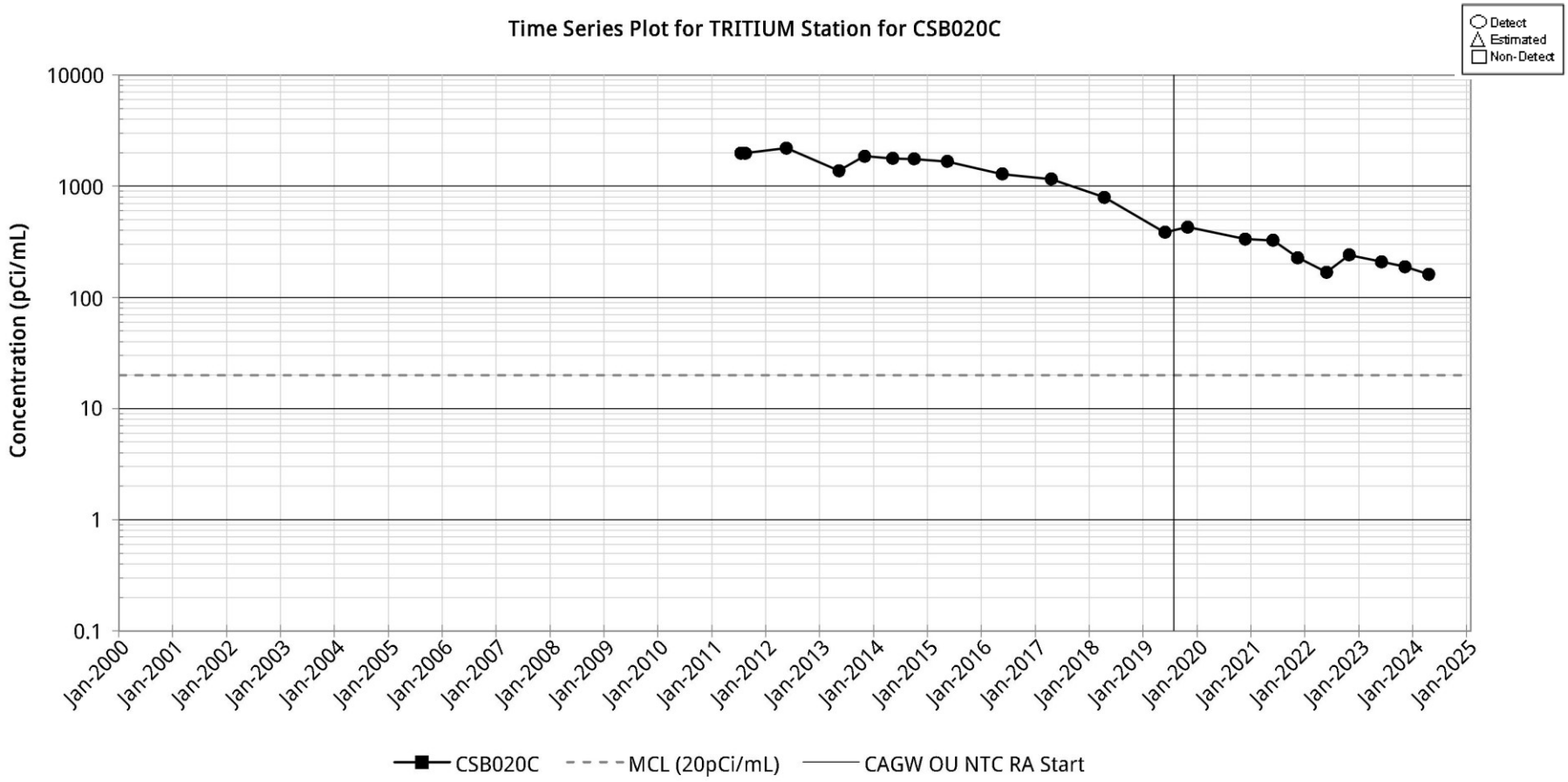
Time Series Plot for TRITIUM Station for CSB020C
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB020C
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-160

APPENDIX D

TCE Plume Maps

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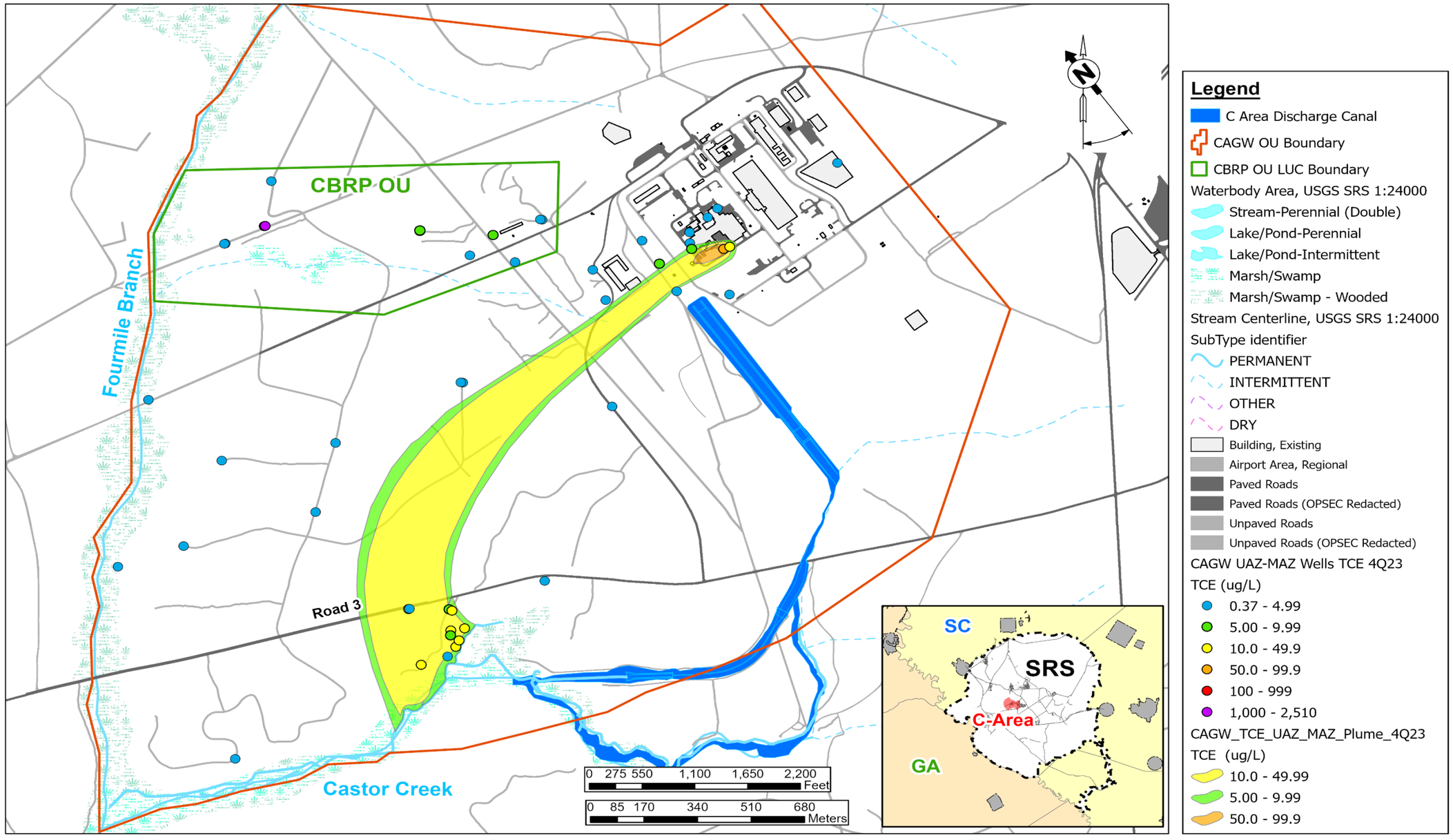

Figure D-1. November 2023 TCE Concentrations in the Upper Aquifer Zone - Middle Aquifer Zone (UAZ-MAZ) of the Upper Three Runs Aquifer

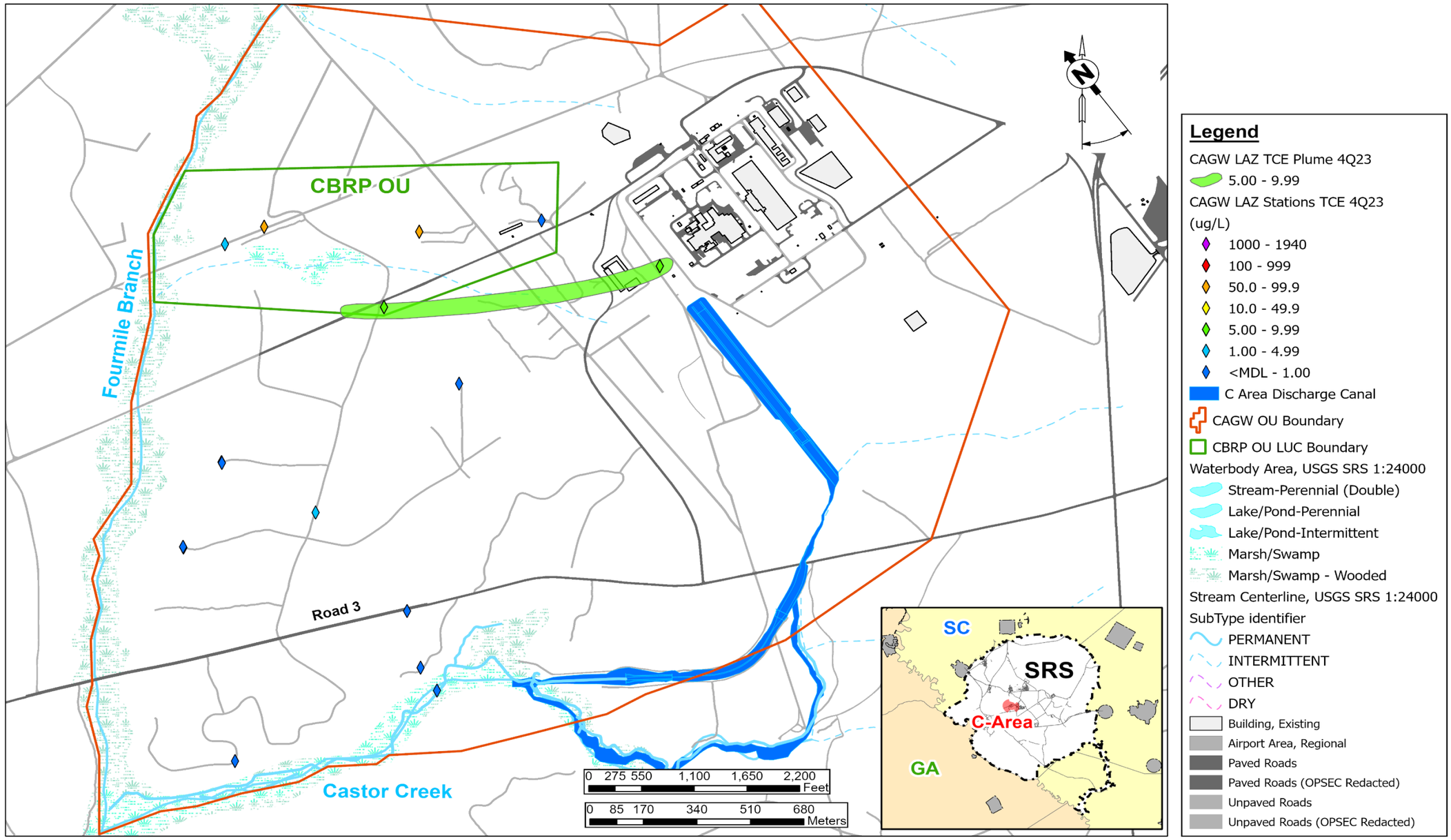

Figure D-2. November 2023 TCE Concentrations in the Lower Aquifer Zone (LAZ) of the Upper Three Runs Aquifer

APPENDIX E

Potentiometric Maps

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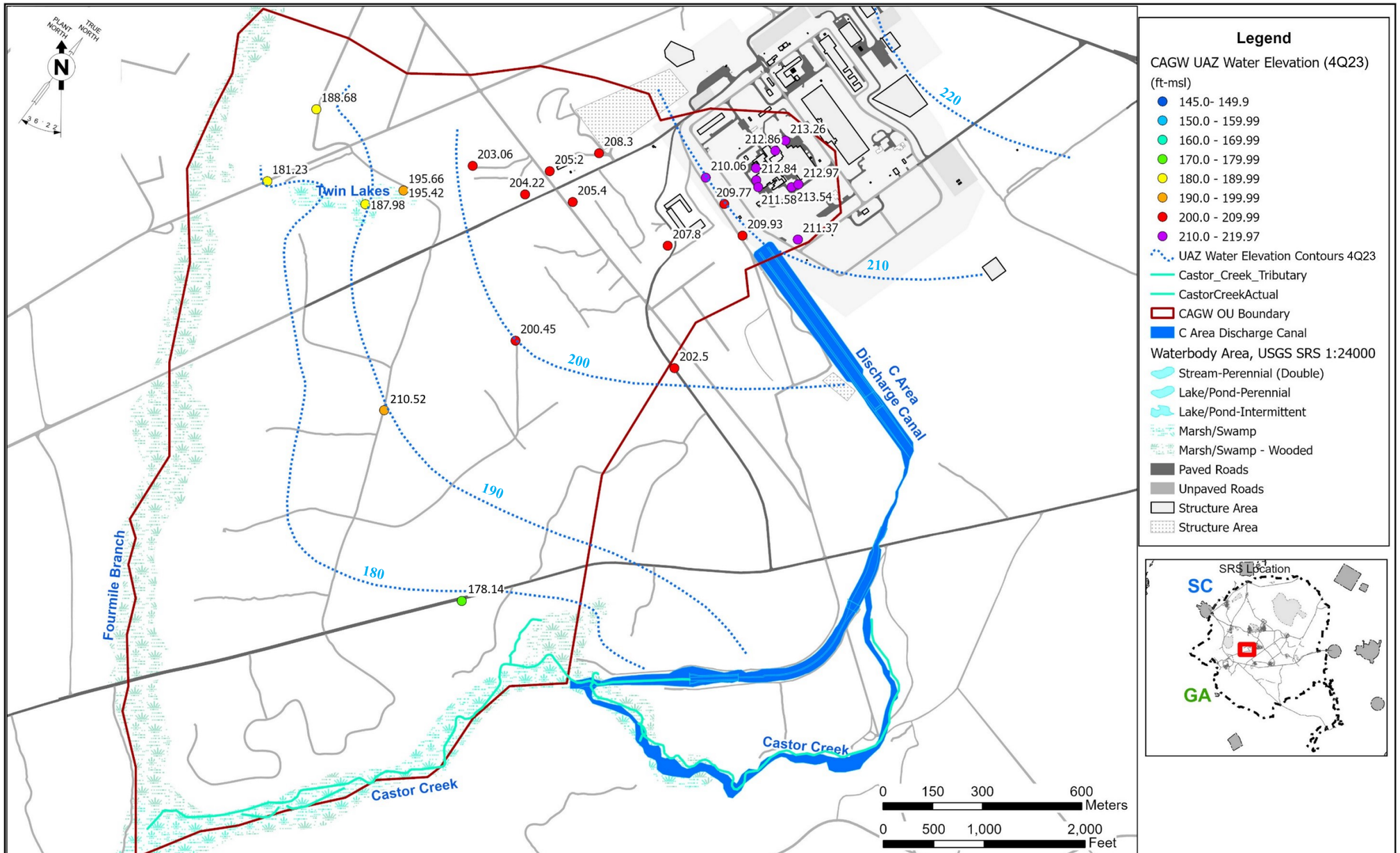

Figure E-1. November 2023 Potentiometric Contours for the Upper Aquifer Zone (UAZ).

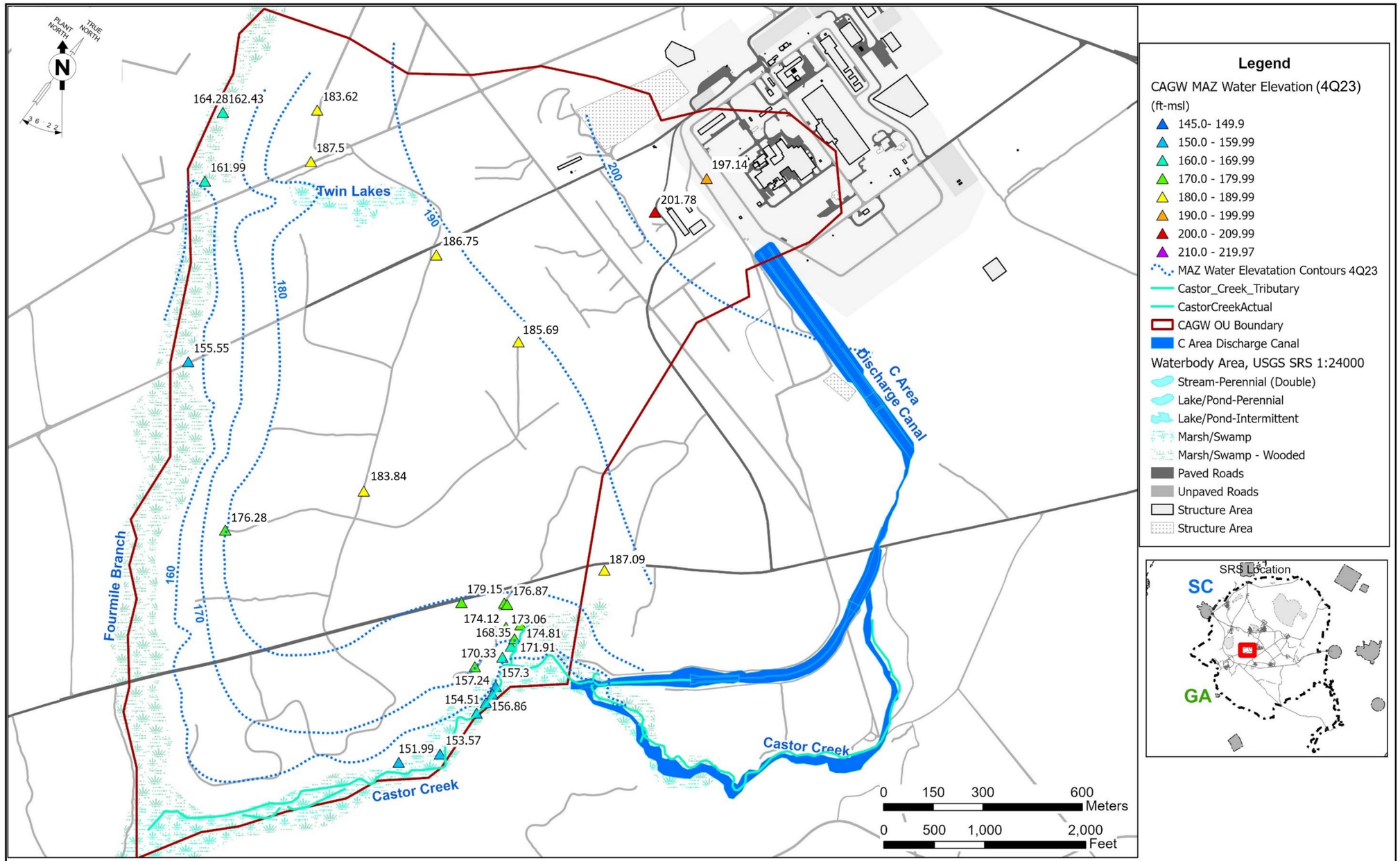

Figure E-2. November 2023 Potentiometric Contours for the Middle Aquifer Zone (MAZ).

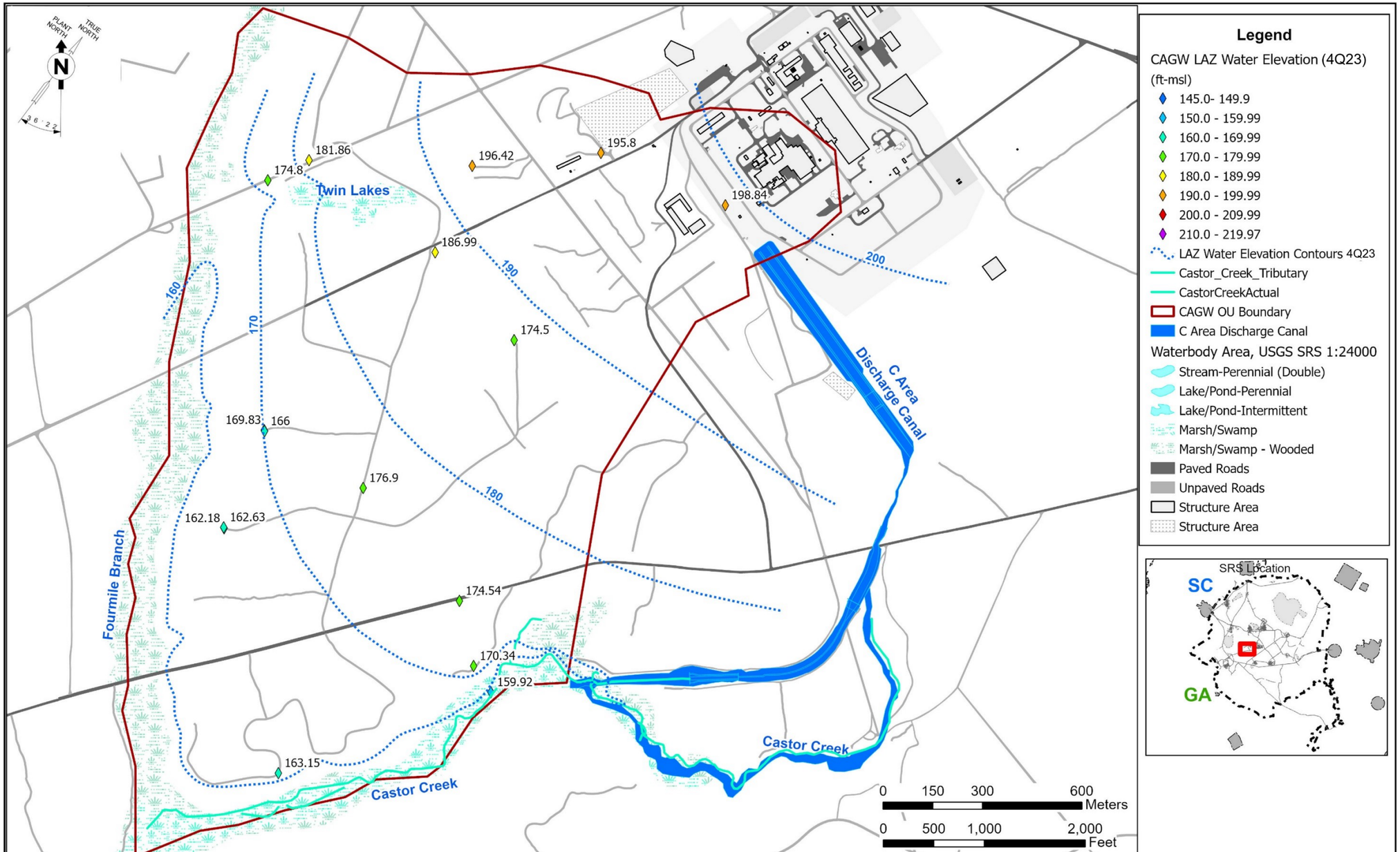

Figure E-3. November 2023 Potentiometric Contours for the Lower Aquifer Zone (LAZ).

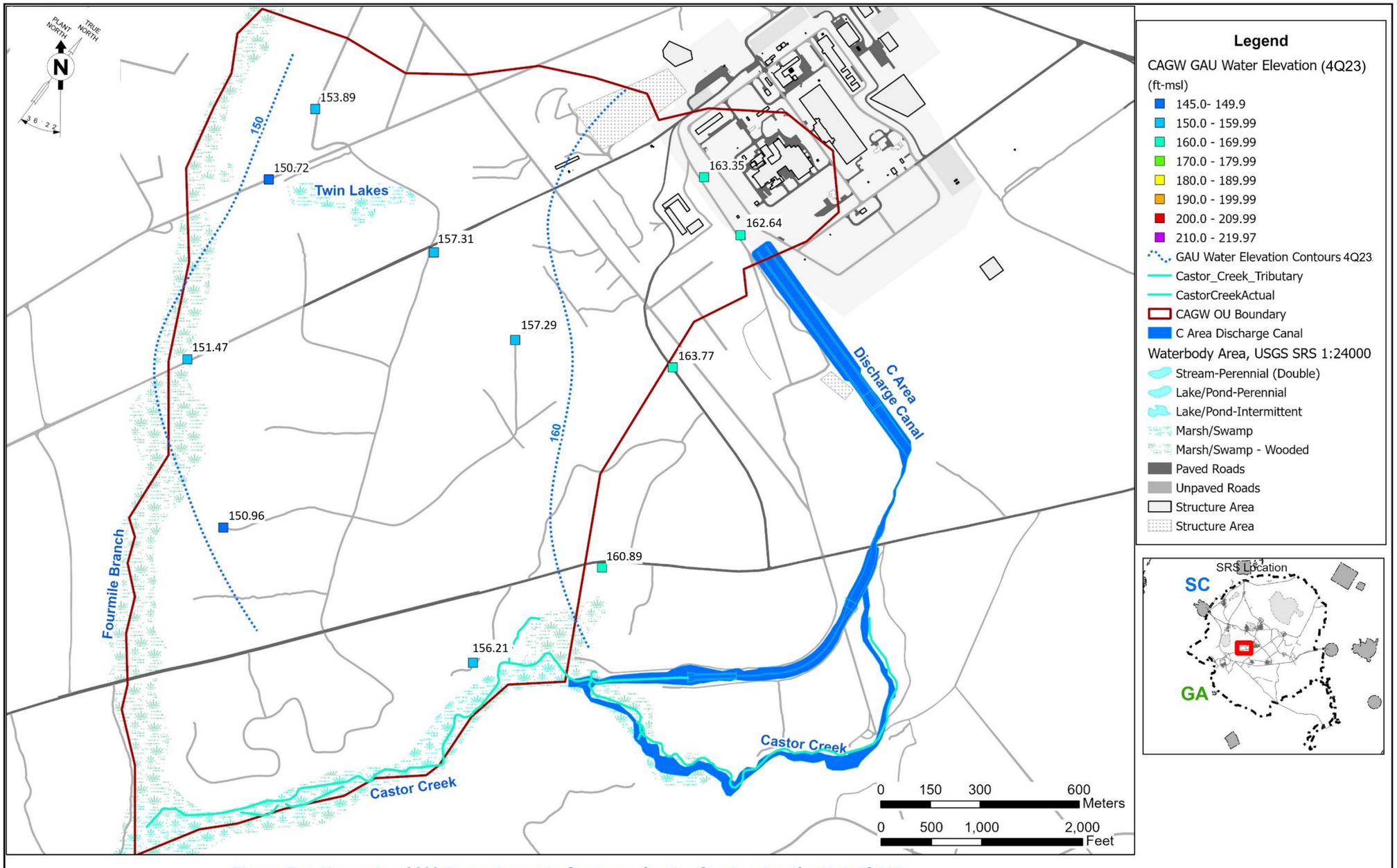

Figure E-4. November 2023 Potentiometric Contours for the Gordon Aquifer Unit (GAU).

APPENDIX F

CAGW OU Lab and Field Data

July 2023 through June 2024

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Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW010CU	11/14/2023	AIR TEMPERATURE	11	degC
CRW010CU	11/14/2023	AIR TEMPERATURE	11	degC
CRW 10C	11/14/2023	AIR TEMPERATURE	11	degC
CRW 10C	11/14/2023	AIR TEMPERATURE	11	degC
CRW 10A	11/14/2023	AIR TEMPERATURE	13	degC
CRW 10A	11/14/2023	AIR TEMPERATURE	13	degC
CC 05	11/14/2023	AIR TEMPERATURE	10	degC
CC 08	11/14/2023	AIR TEMPERATURE	10	degC
CC 07	11/14/2023	AIR TEMPERATURE	10	degC
CCT 01	11/14/2023	AIR TEMPERATURE	11	degC
CCT 02	11/14/2023	AIR TEMPERATURE	12	degC
CCT 03	11/14/2023	AIR TEMPERATURE	12	degC
TL 03	11/20/2023	AIR TEMPERATURE	12	degC
TL 03	11/20/2023	AIR TEMPERATURE	12	degC
TL 02	11/20/2023	AIR TEMPERATURE	12	degC
TL 04	11/20/2023	AIR TEMPERATURE	12	degC
TL 05	11/20/2023	AIR TEMPERATURE	13	degC
TL 01	11/20/2023	AIR TEMPERATURE	14	degC
TL 01	11/20/2023	AIR TEMPERATURE	14	degC
TL 01	11/20/2023	AIR TEMPERATURE	14	degC
CRW 12A	11/20/2023	AIR TEMPERATURE	14	degC
CRW 12C	11/20/2023	AIR TEMPERATURE	15	degC
CRW 12D	11/20/2023	AIR TEMPERATURE	17	degC
CRW 5A	11/21/2023	AIR TEMPERATURE	15	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 5D	11/21/2023	AIR TEMPERATURE	15	degC
CRW 7A	11/21/2023	AIR TEMPERATURE	16	degC
CRW 7D	11/21/2023	AIR TEMPERATURE	16	degC
CDB 1	11/21/2023	AIR TEMPERATURE	17	degC
CRW 9A	11/21/2023	AIR TEMPERATURE	16	degC
CDB 2	11/21/2023	AIR TEMPERATURE	18	degC
CDB003D	11/21/2023	AIR TEMPERATURE	19	degC
CSB 3C	11/27/2023	AIR TEMPERATURE	7	degC
CSB 3C	11/27/2023	AIR TEMPERATURE	7	degC
CRW026C	11/27/2023	AIR TEMPERATURE	15	degC
CRW023C	11/27/2023	AIR TEMPERATURE	11	degC
CSB 15D	11/27/2023	AIR TEMPERATURE	13	degC
CRW028C	11/27/2023	AIR TEMPERATURE	15	degC
CCSL-11	11/27/2023	AIR TEMPERATURE	11	degC
CRW021DR	11/27/2023	AIR TEMPERATURE	8	degC
CSB 9D	11/27/2023	AIR TEMPERATURE	7	degC
CRW025C	11/27/2023	AIR TEMPERATURE	11	degC
CSB 12D	11/27/2023	AIR TEMPERATURE	9	degC
CRW020D	11/27/2023	AIR TEMPERATURE	9	degC
CRW027C	11/27/2023	AIR TEMPERATURE	15	degC
CCSL-23R	11/27/2023	AIR TEMPERATURE	12	degC
CSB020C	11/27/2023	AIR TEMPERATURE	14	degC
CRW 1D	11/27/2023	AIR TEMPERATURE	9	degC
CRW024C	11/27/2023	AIR TEMPERATURE	12	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW022D	11/27/2023	AIR TEMPERATURE	10	degC
CCSL-14	11/27/2023	AIR TEMPERATURE	12	degC
CSB 11D	11/27/2023	AIR TEMPERATURE	9	degC
CSB013B	11/27/2023	AIR TEMPERATURE	10	degC
CSB013B	11/27/2023	AIR TEMPERATURE	10	degC
CCSL-08	11/27/2023	AIR TEMPERATURE	13	degC
CRW030C	11/27/2023	AIR TEMPERATURE	17	degC
CRW 14A	11/27/2023	AIR TEMPERATURE	11	degC
CRW 4D	11/27/2023	AIR TEMPERATURE	11	degC
CSB 13D	11/27/2023	AIR TEMPERATURE	11	degC
CRW 4C	11/27/2023	AIR TEMPERATURE	12	degC
CRW 13A	11/27/2023	AIR TEMPERATURE	12	degC
CSB011B	11/27/2023	AIR TEMPERATURE	11	degC
CRW 4A	11/27/2023	AIR TEMPERATURE	13	degC
CRW029C	11/27/2023	AIR TEMPERATURE	16	degC
CSB011C	11/27/2023	AIR TEMPERATURE	13	degC
CRW 15A	11/28/2023	AIR TEMPERATURE	7	degC
CRW015B	11/28/2023	AIR TEMPERATURE	8	degC
CSB019B	11/28/2023	AIR TEMPERATURE	5	degC
CRW 11A	11/28/2023	AIR TEMPERATURE	3	degC
CRW 11D	11/28/2023	AIR TEMPERATURE	4	degC
CSB019C	11/28/2023	AIR TEMPERATURE	5	degC
CRW 15C	11/28/2023	AIR TEMPERATURE	8	degC
CSB015B	11/28/2023	AIR TEMPERATURE	6	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 15D	11/28/2023	AIR TEMPERATURE	9	degC
CSB020D	11/28/2023	AIR TEMPERATURE	7	degC
CSB017B	11/28/2023	AIR TEMPERATURE	6	degC
CSB020B	11/28/2023	AIR TEMPERATURE	7	degC
CSB017D	11/28/2023	AIR TEMPERATURE	7	degC
CSB021D	11/28/2023	AIR TEMPERATURE	8	degC
CRW 16D	11/28/2023	AIR TEMPERATURE	11	degC
CTA003D	11/29/2023	AIR TEMPERATURE	3	degC
CSL002	11/29/2023	AIR TEMPERATURE	4	degC
CTA004D	11/29/2023	AIR TEMPERATURE	4	degC
CSL001	11/29/2023	AIR TEMPERATURE	6	degC
CRW 1A	11/29/2023	AIR TEMPERATURE	12	degC
FMT 01	11/30/2023	AIR TEMPERATURE	-1	degC
CC 03	11/30/2023	AIR TEMPERATURE	1	degC
FMT 02	11/30/2023	AIR TEMPERATURE	0	degC
CC 06	11/30/2023	AIR TEMPERATURE	1	degC
CC 04	11/30/2023	AIR TEMPERATURE	10	degC
CC 02	11/30/2023	AIR TEMPERATURE	10	degC
CC 01	11/30/2023	AIR TEMPERATURE	10	degC
CCSL-11	5/6/2024	AIR TEMPERATURE	20	degC
CRW024C	5/6/2024	AIR TEMPERATURE	20	degC
CRW026C	5/6/2024	AIR TEMPERATURE	21	degC
CCSL-14	5/6/2024	AIR TEMPERATURE	21	degC
CRW027C	5/6/2024	AIR TEMPERATURE	22	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CCSL-23R	5/6/2024	AIR TEMPERATURE	21	degC
CRW023C	5/6/2024	AIR TEMPERATURE	20	degC
CCSL-08	5/6/2024	AIR TEMPERATURE	23	degC
CRW025C	5/6/2024	AIR TEMPERATURE	20	degC
CRW030C	5/6/2024	AIR TEMPERATURE	24	degC
CSB 15D	5/6/2024	AIR TEMPERATURE	22	degC
CRW028C	5/6/2024	AIR TEMPERATURE	24	degC
CSB020C	5/6/2024	AIR TEMPERATURE	22	degC
CRW029C	5/6/2024	AIR TEMPERATURE	26	degC
CCT 01	5/7/2024	AIR TEMPERATURE	19	degC
CC 05	5/7/2024	AIR TEMPERATURE	20	degC
CCT 02	5/7/2024	AIR TEMPERATURE	20	degC
CCT 03	5/7/2024	AIR TEMPERATURE	21	degC
CC 07	5/7/2024	AIR TEMPERATURE	21	degC
CRW 1A	5/7/2024	AIR TEMPERATURE	21	degC
CRW 1D	5/7/2024	AIR TEMPERATURE	22	degC
CC 08	5/7/2024	AIR TEMPERATURE	22	degC
CRW020D	5/7/2024	AIR TEMPERATURE	25	degC
CRW021DR	5/7/2024	AIR TEMPERATURE	26	degC
FMT 01	5/8/2024	AIR TEMPERATURE	20	degC
TL 03	5/8/2024	AIR TEMPERATURE	21	degC
CC 01	5/8/2024	AIR TEMPERATURE	22	degC
TL 01	5/8/2024	AIR TEMPERATURE	19.8	degC
CC 03	5/8/2024	AIR TEMPERATURE	22	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
FMT 02	5/8/2024	AIR TEMPERATURE	25	degC
CC 06	5/8/2024	AIR TEMPERATURE	23	degC
CC 02	5/8/2024	AIR TEMPERATURE	23	degC
CC 04	5/8/2024	AIR TEMPERATURE	23	degC
CC 05	11/14/2023	OXIDATION/REDUCTION POTENTIAL	276	mV
CC 08	11/14/2023	OXIDATION/REDUCTION POTENTIAL	243	mV
CC 07	11/14/2023	OXIDATION/REDUCTION POTENTIAL	213	mV
CCT 01	11/14/2023	OXIDATION/REDUCTION POTENTIAL	160	mV
CCT 02	11/14/2023	OXIDATION/REDUCTION POTENTIAL	197	mV
CCT 03	11/14/2023	OXIDATION/REDUCTION POTENTIAL	216	mV
TL 03	11/20/2023	OXIDATION/REDUCTION POTENTIAL	139	mV
TL 03	11/20/2023	OXIDATION/REDUCTION POTENTIAL	139	mV
TL 02	11/20/2023	OXIDATION/REDUCTION POTENTIAL	106	mV
TL 04	11/20/2023	OXIDATION/REDUCTION POTENTIAL	103	mV
TL 05	11/20/2023	OXIDATION/REDUCTION POTENTIAL	121	mV

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
TL 01	11/20/2023	OXIDATION/REDUCTION POTENTIAL	147	mV
TL 01	11/20/2023	OXIDATION/REDUCTION POTENTIAL	147	mV
TL 01	11/20/2023	OXIDATION/REDUCTION POTENTIAL	147	mV
CRW 12A	11/20/2023	OXIDATION/REDUCTION POTENTIAL	168	mV
CRW 12C	11/20/2023	OXIDATION/REDUCTION POTENTIAL	222	mV
CRW 12D	11/20/2023	OXIDATION/REDUCTION POTENTIAL	258	mV
CRW026C	11/27/2023	OXIDATION/REDUCTION POTENTIAL	89	mV
CRW023C	11/27/2023	OXIDATION/REDUCTION POTENTIAL	275	mV
CSB 15D	11/27/2023	OXIDATION/REDUCTION POTENTIAL	242	mV
CRW028C	11/27/2023	OXIDATION/REDUCTION POTENTIAL	143	mV
CCSL-11	11/27/2023	OXIDATION/REDUCTION POTENTIAL	287	mV
CRW025C	11/27/2023	OXIDATION/REDUCTION POTENTIAL	294	mV
CRW027C	11/27/2023	OXIDATION/REDUCTION POTENTIAL	158	mV
CCSL-23R	11/27/2023	OXIDATION/REDUCTION POTENTIAL	262	mV

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSB020C	11/27/2023	OXIDATION/REDUCTION POTENTIAL	256	mV
CRW024C	11/27/2023	OXIDATION/REDUCTION POTENTIAL	268	mV
CCSL-14	11/27/2023	OXIDATION/REDUCTION POTENTIAL	280	mV
CCSL-08	11/27/2023	OXIDATION/REDUCTION POTENTIAL	303	mV
CRW030C	11/27/2023	OXIDATION/REDUCTION POTENTIAL	280	mV
CRW029C	11/27/2023	OXIDATION/REDUCTION POTENTIAL	245	mV
CRW 1A	11/29/2023	OXIDATION/REDUCTION POTENTIAL	124	mV
CCSL-11	5/6/2024	OXIDATION/REDUCTION POTENTIAL	215	mV
CRW024C	5/6/2024	OXIDATION/REDUCTION POTENTIAL	252	mV
CRW026C	5/6/2024	OXIDATION/REDUCTION POTENTIAL	100	mV
CCSL-14	5/6/2024	OXIDATION/REDUCTION POTENTIAL	201	mV
CRW027C	5/6/2024	OXIDATION/REDUCTION POTENTIAL	374	mV
CCSL-23R	5/6/2024	OXIDATION/REDUCTION POTENTIAL	230	mV
CRW023C	5/6/2024	OXIDATION/REDUCTION POTENTIAL	267	mV

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CCSL-08	5/6/2024	OXIDATION/REDUCTION POTENTIAL	227	mV
CRW025C	5/6/2024	OXIDATION/REDUCTION POTENTIAL	284	mV
CRW030C	5/6/2024	OXIDATION/REDUCTION POTENTIAL	225	mV
CSB 15D	5/6/2024	OXIDATION/REDUCTION POTENTIAL	278	mV
CRW028C	5/6/2024	OXIDATION/REDUCTION POTENTIAL	371	mV
CSB020C	5/6/2024	OXIDATION/REDUCTION POTENTIAL	301	mV
CRW029C	5/6/2024	OXIDATION/REDUCTION POTENTIAL	318	mV
CCT 01	5/7/2024	OXIDATION/REDUCTION POTENTIAL	118	mV
CC 05	5/7/2024	OXIDATION/REDUCTION POTENTIAL	207	mV
CCT 02	5/7/2024	OXIDATION/REDUCTION POTENTIAL	140	mV
CCT 03	5/7/2024	OXIDATION/REDUCTION POTENTIAL	157	mV
CC 07	5/7/2024	OXIDATION/REDUCTION POTENTIAL	209	mV
CRW 1A	5/7/2024	OXIDATION/REDUCTION POTENTIAL	99	mV
CRW 1D	5/7/2024	OXIDATION/REDUCTION POTENTIAL	157	mV

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 08	5/7/2024	OXIDATION/REDUCTION POTENTIAL	198	mV
CRW020D	5/7/2024	OXIDATION/REDUCTION POTENTIAL	185	mV
CRW021DR	5/7/2024	OXIDATION/REDUCTION POTENTIAL	128	mV
FMT 01	5/8/2024	OXIDATION/REDUCTION POTENTIAL	124	mV
TL 03	5/8/2024	OXIDATION/REDUCTION POTENTIAL	107	mV
CC 01	5/8/2024	OXIDATION/REDUCTION POTENTIAL	179	mV
TL 01	5/8/2024	OXIDATION/REDUCTION POTENTIAL	107	mV
CC 03	5/8/2024	OXIDATION/REDUCTION POTENTIAL	149	mV
FMT 02	5/8/2024	OXIDATION/REDUCTION POTENTIAL	180	mV
CC 06	5/8/2024	OXIDATION/REDUCTION POTENTIAL	188	mV
CC 02	5/8/2024	OXIDATION/REDUCTION POTENTIAL	180	mV
CC 04	5/8/2024	OXIDATION/REDUCTION POTENTIAL	162	mV
CC 05	11/14/2023	OXYGEN	5.99	mg/L
CC 08	11/14/2023	OXYGEN	6.03	mg/L
CC 07	11/14/2023	OXYGEN	5.2	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CCT 01	11/14/2023	OXYGEN	5.15	mg/L
CCT 02	11/14/2023	OXYGEN	5.12	mg/L
CCT 03	11/14/2023	OXYGEN	4.86	mg/L
TL 03	11/20/2023	OXYGEN	4.76	mg/L
TL 03	11/20/2023	OXYGEN	4.76	mg/L
TL 02	11/20/2023	OXYGEN	3.89	mg/L
TL 04	11/20/2023	OXYGEN	5.21	mg/L
TL 05	11/20/2023	OXYGEN	4.78	mg/L
TL 01	11/20/2023	OXYGEN	2.68	mg/L
TL 01	11/20/2023	OXYGEN	2.68	mg/L
TL 01	11/20/2023	OXYGEN	2.68	mg/L
CRW 12A	11/20/2023	OXYGEN	2.4	mg/L
CRW 12C	11/20/2023	OXYGEN	5.78	mg/L
CRW 12D	11/20/2023	OXYGEN	4.73	mg/L
CRW026C	11/27/2023	OXYGEN	5.71	mg/L
CRW023C	11/27/2023	OXYGEN	3.48	mg/L
CSB 15D	11/27/2023	OXYGEN	4.3	mg/L
CRW028C	11/27/2023	OXYGEN	5.82	mg/L
CCSL-11	11/27/2023	OXYGEN	6.8	mg/L
CRW025C	11/27/2023	OXYGEN	4.64	mg/L
CRW027C	11/27/2023	OXYGEN	6.11	mg/L
CCSL-23R	11/27/2023	OXYGEN	6.5	mg/L
CSB020C	11/27/2023	OXYGEN	4.2	mg/L
CRW024C	11/27/2023	OXYGEN	4.89	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CCSL-14	11/27/2023	OXYGEN	6.3	mg/L
CCSL-08	11/27/2023	OXYGEN	6.9	mg/L
CRW030C	11/27/2023	OXYGEN	4.4	mg/L
CRW029C	11/27/2023	OXYGEN	4.5	mg/L
CRW 1A	11/29/2023	OXYGEN	7.3	mg/L
CCSL-11	5/6/2024	OXYGEN	6.15	mg/L
CRW024C	5/6/2024	OXYGEN	0.66	mg/L
CRW026C	5/6/2024	OXYGEN	2.57	mg/L
CCSL-14	5/6/2024	OXYGEN	5.3	mg/L
CRW027C	5/6/2024	OXYGEN	4.76	mg/L
CCSL-23R	5/6/2024	OXYGEN	5.87	mg/L
CRW023C	5/6/2024	OXYGEN	0.81	mg/L
CCSL-08	5/6/2024	OXYGEN	5.87	mg/L
CRW025C	5/6/2024	OXYGEN	0.78	mg/L
CRW030C	5/6/2024	OXYGEN	5.7	mg/L
CSB 15D	5/6/2024	OXYGEN	0.97	mg/L
CRW028C	5/6/2024	OXYGEN	4.16	mg/L
CSB020C	5/6/2024	OXYGEN	0.67	mg/L
CRW029C	5/6/2024	OXYGEN	3.89	mg/L
CCT 01	5/7/2024	OXYGEN	7.8	mg/L
CC 05	5/7/2024	OXYGEN	0.66	mg/L
CCT 02	5/7/2024	OXYGEN	5.8	mg/L
CCT 03	5/7/2024	OXYGEN	5.1	mg/L
CC 07	5/7/2024	OXYGEN	0.87	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 1A	5/7/2024	OXYGEN	6.1	mg/L
CRW 1D	5/7/2024	OXYGEN	6.3	mg/L
CC 08	5/7/2024	OXYGEN	1.24	mg/L
CRW020D	5/7/2024	OXYGEN	5.8	mg/L
CRW021DR	5/7/2024	OXYGEN	4.3	mg/L
FMT 01	5/8/2024	OXYGEN	4.68	mg/L
TL 03	5/8/2024	OXYGEN	6.06	mg/L
CC 01	5/8/2024	OXYGEN	0.98	mg/L
TL 01	5/8/2024	OXYGEN	4.4	mg/L
CC 03	5/8/2024	OXYGEN	1.24	mg/L
FMT 02	5/8/2024	OXYGEN	5.12	mg/L
CC 06	5/8/2024	OXYGEN	1.13	mg/L
CC 02	5/8/2024	OXYGEN	0.98	mg/L
CC 04	5/8/2024	OXYGEN	0.68	mg/L
CRW010CU	11/14/2023	PH	6.5	SU
CRW010CU	11/14/2023	PH	6.5	SU
CRW 10C	11/14/2023	PH	6.2	SU
CRW 10C	11/14/2023	PH	6.2	SU
CRW 10A	11/14/2023	PH	7.4	SU
CRW 10A	11/14/2023	PH	7.4	SU
CC 05	11/14/2023	PH	4.3	pH
CC 08	11/14/2023	PH	4.2	pH
CC 07	11/14/2023	PH	5.6	pH
CCT 01	11/14/2023	PH	5.8	pH

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CCT 02	11/14/2023	PH	5.4	pH
CCT 03	11/14/2023	PH	5.4	pH
TL 03	11/20/2023	PH	7.2	pH
TL 03	11/20/2023	PH	7.2	pH
TL 02	11/20/2023	PH	7.5	pH
TL 04	11/20/2023	PH	7.1	pH
TL 05	11/20/2023	PH	6.5	pH
TL 01	11/20/2023	PH	5.8	pH
TL 01	11/20/2023	PH	5.8	pH
TL 01	11/20/2023	PH	5.8	pH
CRW 12A	11/20/2023	PH	5.8	SU
CRW 12C	11/20/2023	PH	5.3	SU
CRW 12D	11/20/2023	PH	4.9	SU
CRW 5A	11/21/2023	PH	6.7	SU
CRW 5D	11/21/2023	PH	4.8	SU
CRW 7A	11/21/2023	PH	6.7	SU
CRW 7D	11/21/2023	PH	5.1	SU
CDB 1	11/21/2023	PH	5	SU
CRW 9A	11/21/2023	PH	7.2	SU
CDB 2	11/21/2023	PH	5.3	SU
CDB003D	11/21/2023	PH	5	SU
CSB 3C	11/27/2023	PH	5.3	SU
CSB 3C	11/27/2023	PH	5.3	SU
CRW026C	11/27/2023	PH	6.4	SU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW023C	11/27/2023	PH	4.5	SU
CSB 15D	11/27/2023	PH	5.7	SU
CRW028C	11/27/2023	PH	6.2	SU
CCSL-11	11/27/2023	PH	6.1	SU
CRW021DR	11/27/2023	PH	4.1	SU
CSB 9D	11/27/2023	PH	5.2	SU
CRW025C	11/27/2023	PH	4.5	SU
CSB 12D	11/27/2023	PH	6.7	SU
CRW020D	11/27/2023	PH	3.8	SU
CRW027C	11/27/2023	PH	4.9	SU
CCSL-23R	11/27/2023	PH	4.6	SU
CSB020C	11/27/2023	PH	5.3	SU
CRW 1D	11/27/2023	PH	5	SU
CRW024C	11/27/2023	PH	4.6	SU
CRW022D	11/27/2023	PH	4.2	SU
CCSL-14	11/27/2023	PH	5	SU
CSB 11D	11/27/2023	PH	5.6	SU
CSB013B	11/27/2023	PH	10.7	SU
CSB013B	11/27/2023	PH	10.7	SU
CCSL-08	11/27/2023	PH	4.8	SU
CRW030C	11/27/2023	PH	5	SU
CRW 14A	11/27/2023	PH	5.6	SU
CRW 4D	11/27/2023	PH	5.7	SU
CSB 13D	11/27/2023	PH	7.6	SU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 4C	11/27/2023	PH	7.1	SU
CRW 13A	11/27/2023	PH	6.1	SU
CSB011B	11/27/2023	PH	8.2	SU
CRW 4A	11/27/2023	PH	7.3	SU
CRW029C	11/27/2023	PH	5.6	SU
CSB011C	11/27/2023	PH	6.9	SU
CRW 15A	11/28/2023	PH	6.4	SU
CRW015B	11/28/2023	PH	6.7	SU
CSB019B	11/28/2023	PH	6.4	SU
CRW 11A	11/28/2023	PH	6.1	SU
CRW 11D	11/28/2023	PH	5.3	SU
CSB019C	11/28/2023	PH	5.3	SU
CRW 15C	11/28/2023	PH	6.2	SU
CSB015B	11/28/2023	PH	6.4	SU
CRW 15D	11/28/2023	PH	5.2	SU
CSB020D	11/28/2023	PH	5.2	SU
CSB017B	11/28/2023	PH	6.9	SU
CSB020B	11/28/2023	PH	8.8	SU
CSB017D	11/28/2023	PH	5.6	SU
CSB021D	11/28/2023	PH	5.3	SU
CRW 16D	11/28/2023	PH	6.1	SU
CTA003D	11/29/2023	PH	4.5	SU
CSL002	11/29/2023	PH	5.4	SU
CTA004D	11/29/2023	PH	5	SU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSL001	11/29/2023	PH	6.3	SU
CRW 1A	11/29/2023	PH	7.3	SU
FMT 01	11/30/2023	PH	6.8	pH
CC 03	11/30/2023	PH	7	pH
FMT 02	11/30/2023	PH	5.9	pH
CC 06	11/30/2023	PH	5.4	pH
CC 04	11/30/2023	PH	6.9	pH
CC 02	11/30/2023	PH	7.5	pH
CC 01	11/30/2023	PH	7.2	pH
CCSL-11	5/6/2024	PH	5.8	SU
CRW024C	5/6/2024	PH	4.3	SU
CRW026C	5/6/2024	PH	5.5	SU
CCSL-14	5/6/2024	PH	5.7	SU
CRW027C	5/6/2024	PH	4.7	SU
CCSL-23R	5/6/2024	PH	4.3	SU
CRW023C	5/6/2024	PH	4.1	SU
CCSL-08	5/6/2024	PH	4.8	SU
CRW025C	5/6/2024	PH	4.1	SU
CRW030C	5/6/2024	PH	4.4	SU
CSB 15D	5/6/2024	PH	4.8	SU
CRW028C	5/6/2024	PH	4.8	SU
CSB020C	5/6/2024	PH	4.1	SU
CRW029C	5/6/2024	PH	5.2	SU
CCT 01	5/7/2024	PH	6.8	pH

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 05	5/7/2024	PH	5.6	pH
CCT 02	5/7/2024	PH	5.6	pH
CCT 03	5/7/2024	PH	5.4	pH
CC 07	5/7/2024	PH	5.6	pH
CRW 1A	5/7/2024	PH	6.7	SU
CRW 1D	5/7/2024	PH	5.3	SU
CC 08	5/7/2024	PH	5.4	pH
CRW020D	5/7/2024	PH	4.8	SU
CRW021DR	5/7/2024	PH	5.7	SU
FMT 01	5/8/2024	PH	6.5	pH
TL 03	5/8/2024	PH	6.5	pH
CC 01	5/8/2024	PH	6.5	pH
TL 01	5/8/2024	PH	5.9	pH
CC 03	5/8/2024	PH	6.7	pH
FMT 02	5/8/2024	PH	5.1	pH
CC 06	5/8/2024	PH	6.1	pH
CC 02	5/8/2024	PH	6	pH
CC 04	5/8/2024	PH	6.3	pH
CRW010CU	11/14/2023	SPECIFIC CONDUCTANCE	49	uS/cm
CRW010CU	11/14/2023	SPECIFIC CONDUCTANCE	49	uS/cm
CRW 10C	11/14/2023	SPECIFIC CONDUCTANCE	22	uS/cm
CRW 10C	11/14/2023	SPECIFIC CONDUCTANCE	22	uS/cm
CRW 10A	11/14/2023	SPECIFIC CONDUCTANCE	112	uS/cm
CRW 10A	11/14/2023	SPECIFIC CONDUCTANCE	112	uS/cm

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 05	11/14/2023	SPECIFIC CONDUCTANCE	23	uS/cm
CC 08	11/14/2023	SPECIFIC CONDUCTANCE	23	uS/cm
CC 07	11/14/2023	SPECIFIC CONDUCTANCE	23	uS/cm
CCT 01	11/14/2023	SPECIFIC CONDUCTANCE	25	uS/cm
CCT 02	11/14/2023	SPECIFIC CONDUCTANCE	20	uS/cm
CCT 03	11/14/2023	SPECIFIC CONDUCTANCE	20	uS/cm
TL 03	11/20/2023	SPECIFIC CONDUCTANCE	77	uS/cm
TL 03	11/20/2023	SPECIFIC CONDUCTANCE	77	uS/cm
TL 02	11/20/2023	SPECIFIC CONDUCTANCE	18	uS/cm
TL 04	11/20/2023	SPECIFIC CONDUCTANCE	5.21	uS/cm
TL 05	11/20/2023	SPECIFIC CONDUCTANCE	23	uS/cm
TL 01	11/20/2023	SPECIFIC CONDUCTANCE	24	uS/cm
TL 01	11/20/2023	SPECIFIC CONDUCTANCE	24	uS/cm
TL 01	11/20/2023	SPECIFIC CONDUCTANCE	24	uS/cm
CRW 12A	11/20/2023	SPECIFIC CONDUCTANCE	60	uS/cm
CRW 12C	11/20/2023	SPECIFIC CONDUCTANCE	32	uS/cm
CRW 12D	11/20/2023	SPECIFIC CONDUCTANCE	43	uS/cm
CRW 5A	11/21/2023	SPECIFIC CONDUCTANCE	141	uS/cm
CRW 5D	11/21/2023	SPECIFIC CONDUCTANCE	68	uS/cm
CRW 7A	11/21/2023	SPECIFIC CONDUCTANCE	136	uS/cm
CRW 7D	11/21/2023	SPECIFIC CONDUCTANCE	57	uS/cm
CDB 1	11/21/2023	SPECIFIC CONDUCTANCE	54	uS/cm
CRW 9A	11/21/2023	SPECIFIC CONDUCTANCE	147	uS/cm
CDB 2	11/21/2023	SPECIFIC CONDUCTANCE	34	uS/cm

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CDB003D	11/21/2023	SPECIFIC CONDUCTANCE	47	uS/cm
CSB 3C	11/27/2023	SPECIFIC CONDUCTANCE	25	uS/cm
CSB 3C	11/27/2023	SPECIFIC CONDUCTANCE	25	uS/cm
CRW026C	11/27/2023	SPECIFIC CONDUCTANCE	73	uS/cm
CRW023C	11/27/2023	SPECIFIC CONDUCTANCE	29	uS/cm
CSB 15D	11/27/2023	SPECIFIC CONDUCTANCE	24	uS/cm
CRW028C	11/27/2023	SPECIFIC CONDUCTANCE	26	uS/cm
CCSL-11	11/27/2023	SPECIFIC CONDUCTANCE	43	uS/cm
CRW021DR	11/27/2023	SPECIFIC CONDUCTANCE	54	uS/cm
CSB 9D	11/27/2023	SPECIFIC CONDUCTANCE	53	uS/cm
CRW025C	11/27/2023	SPECIFIC CONDUCTANCE	21	uS/cm
CSB 12D	11/27/2023	SPECIFIC CONDUCTANCE	108	uS/cm
CRW020D	11/27/2023	SPECIFIC CONDUCTANCE	44	uS/cm
CRW027C	11/27/2023	SPECIFIC CONDUCTANCE	29	uS/cm
CCSL-23R	11/27/2023	SPECIFIC CONDUCTANCE	27	uS/cm
CSB020C	11/27/2023	SPECIFIC CONDUCTANCE	29	uS/cm
CRW 1D	11/27/2023	SPECIFIC CONDUCTANCE	22	uS/cm
CRW024C	11/27/2023	SPECIFIC CONDUCTANCE	28	uS/cm
CRW022D	11/27/2023	SPECIFIC CONDUCTANCE	95	uS/cm
CCSL-14	11/27/2023	SPECIFIC CONDUCTANCE	25	uS/cm
CSB 11D	11/27/2023	SPECIFIC CONDUCTANCE	39	uS/cm
CSB013B	11/27/2023	SPECIFIC CONDUCTANCE	116	uS/cm
CSB013B	11/27/2023	SPECIFIC CONDUCTANCE	116	uS/cm
CCSL-08	11/27/2023	SPECIFIC CONDUCTANCE	22	uS/cm

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW030C	11/27/2023	SPECIFIC CONDUCTANCE	23	uS/cm
CRW 14A	11/27/2023	SPECIFIC CONDUCTANCE	113	uS/cm
CRW 4D	11/27/2023	SPECIFIC CONDUCTANCE	32	uS/cm
CSB 13D	11/27/2023	SPECIFIC CONDUCTANCE	57	uS/cm
CRW 4C	11/27/2023	SPECIFIC CONDUCTANCE	123	uS/cm
CRW 13A	11/27/2023	SPECIFIC CONDUCTANCE	138	uS/cm
CSB011B	11/27/2023	SPECIFIC CONDUCTANCE	175	uS/cm
CRW 4A	11/27/2023	SPECIFIC CONDUCTANCE	139	uS/cm
CRW029C	11/27/2023	SPECIFIC CONDUCTANCE	31	uS/cm
CSB011C	11/27/2023	SPECIFIC CONDUCTANCE	79	uS/cm
CRW 15A	11/28/2023	SPECIFIC CONDUCTANCE	115	uS/cm
CRW015B	11/28/2023	SPECIFIC CONDUCTANCE	76	uS/cm
CSB019B	11/28/2023	SPECIFIC CONDUCTANCE	80	uS/cm
CRW 11A	11/28/2023	SPECIFIC CONDUCTANCE	133	uS/cm
CRW 11D	11/28/2023	SPECIFIC CONDUCTANCE	24	uS/cm
CSB019C	11/28/2023	SPECIFIC CONDUCTANCE	21	uS/cm
CRW 15C	11/28/2023	SPECIFIC CONDUCTANCE	70	uS/cm
CSB015B	11/28/2023	SPECIFIC CONDUCTANCE	71	uS/cm
CRW 15D	11/28/2023	SPECIFIC CONDUCTANCE	53	uS/cm
CSB020D	11/28/2023	SPECIFIC CONDUCTANCE	19	uS/cm
CSB017B	11/28/2023	SPECIFIC CONDUCTANCE	109	uS/cm
CSB020B	11/28/2023	SPECIFIC CONDUCTANCE	125	uS/cm
CSB017D	11/28/2023	SPECIFIC CONDUCTANCE	40	uS/cm
CSB021D	11/28/2023	SPECIFIC CONDUCTANCE	23	uS/cm

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 16D	11/28/2023	SPECIFIC CONDUCTANCE	54	uS/cm
CTA003D	11/29/2023	SPECIFIC CONDUCTANCE	55	uS/cm
CSL002	11/29/2023	SPECIFIC CONDUCTANCE	23	uS/cm
CTA004D	11/29/2023	SPECIFIC CONDUCTANCE	42	uS/cm
CSL001	11/29/2023	SPECIFIC CONDUCTANCE	159	uS/cm
CRW 1A	11/29/2023	SPECIFIC CONDUCTANCE	180	uS/cm
FMT 01	11/30/2023	SPECIFIC CONDUCTANCE	21	uS/cm
CC 03	11/30/2023	SPECIFIC CONDUCTANCE	62	uS/cm
FMT 02	11/30/2023	SPECIFIC CONDUCTANCE	24	uS/cm
CC 06	11/30/2023	SPECIFIC CONDUCTANCE	24	uS/cm
CC 04	11/30/2023	SPECIFIC CONDUCTANCE	50	uS/cm
CC 02	11/30/2023	SPECIFIC CONDUCTANCE	24	uS/cm
CC 01	11/30/2023	SPECIFIC CONDUCTANCE	23	uS/cm
CCSL-11	5/6/2024	SPECIFIC CONDUCTANCE	200	uS/cm
CRW024C	5/6/2024	SPECIFIC CONDUCTANCE	49.1	uS/cm
CRW026C	5/6/2024	SPECIFIC CONDUCTANCE	54	uS/cm
CCSL-14	5/6/2024	SPECIFIC CONDUCTANCE	27	uS/cm
CRW027C	5/6/2024	SPECIFIC CONDUCTANCE	27	uS/cm
CCSL-23R	5/6/2024	SPECIFIC CONDUCTANCE	37	uS/cm
CRW023C	5/6/2024	SPECIFIC CONDUCTANCE	29.3	uS/cm
CCSL-08	5/6/2024	SPECIFIC CONDUCTANCE	30	uS/cm
CRW025C	5/6/2024	SPECIFIC CONDUCTANCE	20.1	uS/cm
CRW030C	5/6/2024	SPECIFIC CONDUCTANCE	27	uS/cm
CSB 15D	5/6/2024	SPECIFIC CONDUCTANCE	25.1	uS/cm

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW028C	5/6/2024	SPECIFIC CONDUCTANCE	26	uS/cm
CSB020C	5/6/2024	SPECIFIC CONDUCTANCE	27.5	uS/cm
CRW029C	5/6/2024	SPECIFIC CONDUCTANCE	32	uS/cm
CCT 01	5/7/2024	SPECIFIC CONDUCTANCE	190	uS/cm
CC 05	5/7/2024	SPECIFIC CONDUCTANCE	25.3	uS/cm
CCT 02	5/7/2024	SPECIFIC CONDUCTANCE	4.5	uS/cm
CCT 03	5/7/2024	SPECIFIC CONDUCTANCE	24	uS/cm
CC 07	5/7/2024	SPECIFIC CONDUCTANCE	22.1	uS/cm
CRW 1A	5/7/2024	SPECIFIC CONDUCTANCE	189	uS/cm
CRW 1D	5/7/2024	SPECIFIC CONDUCTANCE	23	uS/cm
CC 08	5/7/2024	SPECIFIC CONDUCTANCE	22.7	uS/cm
CRW020D	5/7/2024	SPECIFIC CONDUCTANCE	50	uS/cm
CRW021DR	5/7/2024	SPECIFIC CONDUCTANCE	62	uS/cm
FMT 01	5/8/2024	SPECIFIC CONDUCTANCE	29	uS/cm
TL 03	5/8/2024	SPECIFIC CONDUCTANCE	101	uS/cm
CC 01	5/8/2024	SPECIFIC CONDUCTANCE	29.2	uS/cm
TL 01	5/8/2024	SPECIFIC CONDUCTANCE	25	uS/cm
CC 03	5/8/2024	SPECIFIC CONDUCTANCE	59	uS/cm
FMT 02	5/8/2024	SPECIFIC CONDUCTANCE	19	uS/cm
CC 06	5/8/2024	SPECIFIC CONDUCTANCE	22	uS/cm
CC 02	5/8/2024	SPECIFIC CONDUCTANCE	24	uS/cm
CC 04	5/8/2024	SPECIFIC CONDUCTANCE	47.3	uS/cm
CRW010CU	11/14/2023	TOTAL ALKALINITY (AS CACO3)	13	mg/L
CRW010CU	11/14/2023	TOTAL ALKALINITY (AS CACO3)	13	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 10C	11/14/2023	TOTAL ALKALINITY (AS CACO3)	8	mg/L
CRW 10C	11/14/2023	TOTAL ALKALINITY (AS CACO3)	8	mg/L
CRW 10A	11/14/2023	TOTAL ALKALINITY (AS CACO3)	31	mg/L
CRW 10A	11/14/2023	TOTAL ALKALINITY (AS CACO3)	31	mg/L
CC 05	11/14/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CC 08	11/14/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CC 07	11/14/2023	TOTAL ALKALINITY (AS CACO3)	5	mg/L
CCT 01	11/14/2023	TOTAL ALKALINITY (AS CACO3)	15	mg/L
CCT 02	11/14/2023	TOTAL ALKALINITY (AS CACO3)	3	mg/L
CCT 03	11/14/2023	TOTAL ALKALINITY (AS CACO3)	3	mg/L
TL 03	11/20/2023	TOTAL ALKALINITY (AS CACO3)	13	mg/L
TL 03	11/20/2023	TOTAL ALKALINITY (AS CACO3)	13	mg/L
TL 02	11/20/2023	TOTAL ALKALINITY (AS CACO3)	14	mg/L
TL 04	11/20/2023	TOTAL ALKALINITY (AS CACO3)	7	mg/L
TL 05	11/20/2023	TOTAL ALKALINITY (AS CACO3)	6	mg/L
TL 01	11/20/2023	TOTAL ALKALINITY (AS CACO3)	4	mg/L
TL 01	11/20/2023	TOTAL ALKALINITY (AS CACO3)	4	mg/L
TL 01	11/20/2023	TOTAL ALKALINITY (AS CACO3)	4	mg/L
CRW 12A	11/20/2023	TOTAL ALKALINITY (AS CACO3)	3	mg/L
CRW 12C	11/20/2023	TOTAL ALKALINITY (AS CACO3)	1	mg/L
CRW 12D	11/20/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW 5A	11/21/2023	TOTAL ALKALINITY (AS CACO3)	47	mg/L
CRW 5D	11/21/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW 7A	11/21/2023	TOTAL ALKALINITY (AS CACO3)	46	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 7D	11/21/2023	TOTAL ALKALINITY (AS CACO3)	1	mg/L
CRW 9A	11/21/2023	TOTAL ALKALINITY (AS CACO3)	48	mg/L
CSB 3C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	12	mg/L
CSB 3C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	12	mg/L
CRW026C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	13	mg/L
CRW023C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CSB 15D	11/27/2023	TOTAL ALKALINITY (AS CACO3)	12	mg/L
CRW028C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	9	mg/L
CCSL-11	11/27/2023	TOTAL ALKALINITY (AS CACO3)	10	mg/L
CRW021DR	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CSB 9D	11/27/2023	TOTAL ALKALINITY (AS CACO3)	6	mg/L
CRW025C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CSB 12D	11/27/2023	TOTAL ALKALINITY (AS CACO3)	30	mg/L
CRW020D	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW027C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CCSL-23R	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CSB020C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW024C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW022D	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CCSL-14	11/27/2023	TOTAL ALKALINITY (AS CACO3)	1	mg/L
CSB 11D	11/27/2023	TOTAL ALKALINITY (AS CACO3)	6	mg/L
CSB013B	11/27/2023	TOTAL ALKALINITY (AS CACO3)	31	mg/L
CSB013B	11/27/2023	TOTAL ALKALINITY (AS CACO3)	31	mg/L
CCSL-08	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW030C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW 14A	11/27/2023	TOTAL ALKALINITY (AS CACO3)	18	mg/L
CRW 4D	11/27/2023	TOTAL ALKALINITY (AS CACO3)	5	mg/L
CSB 13D	11/27/2023	TOTAL ALKALINITY (AS CACO3)	17	mg/L
CRW 4C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	58	mg/L
CRW 13A	11/27/2023	TOTAL ALKALINITY (AS CACO3)	48	mg/L
CSB011B	11/27/2023	TOTAL ALKALINITY (AS CACO3)	48	mg/L
CRW 4A	11/27/2023	TOTAL ALKALINITY (AS CACO3)	60	mg/L
CRW029C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	6	mg/L
CSB011C	11/27/2023	TOTAL ALKALINITY (AS CACO3)	36	mg/L
CRW 15A	11/28/2023	TOTAL ALKALINITY (AS CACO3)	43	mg/L
CRW015B	11/28/2023	TOTAL ALKALINITY (AS CACO3)	36	mg/L
CSB019B	11/28/2023	TOTAL ALKALINITY (AS CACO3)	25	mg/L
CRW 11A	11/28/2023	TOTAL ALKALINITY (AS CACO3)	50	mg/L
CRW 11D	11/28/2023	TOTAL ALKALINITY (AS CACO3)	1	mg/L
CSB019C	11/28/2023	TOTAL ALKALINITY (AS CACO3)	3	mg/L
CRW 15C	11/28/2023	TOTAL ALKALINITY (AS CACO3)	17	mg/L
CSB015B	11/28/2023	TOTAL ALKALINITY (AS CACO3)	22	mg/L
CRW 15D	11/28/2023	TOTAL ALKALINITY (AS CACO3)	1	mg/L
CSB020D	11/28/2023	TOTAL ALKALINITY (AS CACO3)	3	mg/L
CSB017B	11/28/2023	TOTAL ALKALINITY (AS CACO3)	38	mg/L
CSB020B	11/28/2023	TOTAL ALKALINITY (AS CACO3)	49	mg/L
CSB017D	11/28/2023	TOTAL ALKALINITY (AS CACO3)	3	mg/L
CSB021D	11/28/2023	TOTAL ALKALINITY (AS CACO3)	3	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 16D	11/28/2023	TOTAL ALKALINITY (AS CACO3)	4	mg/L
CTA003D	11/29/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CSL002	11/29/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CTA004D	11/29/2023	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CSL001	11/29/2023	TOTAL ALKALINITY (AS CACO3)	35	mg/L
CRW 1A	11/29/2023	TOTAL ALKALINITY (AS CACO3)	74	mg/L
FMT 01	11/30/2023	TOTAL ALKALINITY (AS CACO3)	11	mg/L
CC 03	11/30/2023	TOTAL ALKALINITY (AS CACO3)	15	mg/L
FMT 02	11/30/2023	TOTAL ALKALINITY (AS CACO3)	5	mg/L
CC 06	11/30/2023	TOTAL ALKALINITY (AS CACO3)	2	mg/L
CC 04	11/30/2023	TOTAL ALKALINITY (AS CACO3)	13	mg/L
CC 02	11/30/2023	TOTAL ALKALINITY (AS CACO3)	11	mg/L
CC 01	11/30/2023	TOTAL ALKALINITY (AS CACO3)	11	mg/L
CCSL-11	5/6/2024	TOTAL ALKALINITY (AS CACO3)	21	mg/L
CRW024C	5/6/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW026C	5/6/2024	TOTAL ALKALINITY (AS CACO3)	25	mg/L
CCSL-14	5/6/2024	TOTAL ALKALINITY (AS CACO3)	5	mg/L
CRW027C	5/6/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CCSL-23R	5/6/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW023C	5/6/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CCSL-08	5/6/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW025C	5/6/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW030C	5/6/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CSB 15D	5/6/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW028C	5/6/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CSB020C	5/6/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW029C	5/6/2024	TOTAL ALKALINITY (AS CACO3)	2	mg/L
CCT 01	5/7/2024	TOTAL ALKALINITY (AS CACO3)	36	mg/L
CC 05	5/7/2024	TOTAL ALKALINITY (AS CACO3)	7	mg/L
CCT 02	5/7/2024	TOTAL ALKALINITY (AS CACO3)	11	mg/L
CCT 03	5/7/2024	TOTAL ALKALINITY (AS CACO3)	9	mg/L
CC 07	5/7/2024	TOTAL ALKALINITY (AS CACO3)	9	mg/L
CRW 1A	5/7/2024	TOTAL ALKALINITY (AS CACO3)	81	mg/L
CRW 1D	5/7/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CC 08	5/7/2024	TOTAL ALKALINITY (AS CACO3)	4	mg/L
CRW020D	5/7/2024	TOTAL ALKALINITY (AS CACO3)	0	mg/L
CRW021DR	5/7/2024	TOTAL ALKALINITY (AS CACO3)	11	mg/L
FMT 01	5/8/2024	TOTAL ALKALINITY (AS CACO3)	15	mg/L
TL 03	5/8/2024	TOTAL ALKALINITY (AS CACO3)	30	mg/L
CC 01	5/8/2024	TOTAL ALKALINITY (AS CACO3)	12	mg/L
TL 01	5/8/2024	TOTAL ALKALINITY (AS CACO3)	18	mg/L
CC 03	5/8/2024	TOTAL ALKALINITY (AS CACO3)	16	mg/L
FMT 02	5/8/2024	TOTAL ALKALINITY (AS CACO3)	8	mg/L
CC 06	5/8/2024	TOTAL ALKALINITY (AS CACO3)	12	mg/L
CC 02	5/8/2024	TOTAL ALKALINITY (AS CACO3)	11	mg/L
CC 04	5/8/2024	TOTAL ALKALINITY (AS CACO3)	19	mg/L
CRW010CU	11/14/2023	TURBIDITY	0.9	NTU
CRW010CU	11/14/2023	TURBIDITY	0.9	NTU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 10C	11/14/2023	TURBIDITY	4.3	NTU
CRW 10C	11/14/2023	TURBIDITY	4.3	NTU
CRW 10A	11/14/2023	TURBIDITY	20.1	NTU
CRW 10A	11/14/2023	TURBIDITY	20.1	NTU
CC 05	11/14/2023	TURBIDITY	1.5	NTU
CC 08	11/14/2023	TURBIDITY	1.9	NTU
CC 07	11/14/2023	TURBIDITY	2.3	NTU
CCT 01	11/14/2023	TURBIDITY	8.9	NTU
CCT 02	11/14/2023	TURBIDITY	16.9	NTU
CCT 03	11/14/2023	TURBIDITY	2.1	NTU
TL 03	11/20/2023	TURBIDITY	8.4	NTU
TL 03	11/20/2023	TURBIDITY	8.4	NTU
TL 02	11/20/2023	TURBIDITY	6.8	NTU
TL 04	11/20/2023	TURBIDITY	4.9	NTU
TL 05	11/20/2023	TURBIDITY	6.8	NTU
TL 01	11/20/2023	TURBIDITY	22.8	NTU
TL 01	11/20/2023	TURBIDITY	22.8	NTU
TL 01	11/20/2023	TURBIDITY	22.8	NTU
CRW 12A	11/20/2023	TURBIDITY	1	NTU
CRW 12C	11/20/2023	TURBIDITY	1.3	NTU
CRW 12D	11/20/2023	TURBIDITY	2	NTU
CRW 5A	11/21/2023	TURBIDITY	23.7	NTU
CRW 5D	11/21/2023	TURBIDITY	0.8	NTU
CRW 7A	11/21/2023	TURBIDITY	8.6	NTU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 7D	11/21/2023	TURBIDITY	2.1	NTU
CDB 1	11/21/2023	TURBIDITY	0.4	NTU
CRW 9A	11/21/2023	TURBIDITY	1	NTU
CDB 2	11/21/2023	TURBIDITY	0.9	NTU
CDB003D	11/21/2023	TURBIDITY	0.6	NTU
CSB 3C	11/27/2023	TURBIDITY	3.1	NTU
CSB 3C	11/27/2023	TURBIDITY	3.1	NTU
CRW026C	11/27/2023	TURBIDITY	1.8	NTU
CRW023C	11/27/2023	TURBIDITY	11.9	NTU
CSB 15D	11/27/2023	TURBIDITY	3.1	NTU
CRW028C	11/27/2023	TURBIDITY	8.3	NTU
CCSL-11	11/27/2023	TURBIDITY	168	NTU
CRW021DR	11/27/2023	TURBIDITY	154	NTU
CSB 9D	11/27/2023	TURBIDITY	2.5	NTU
CRW025C	11/27/2023	TURBIDITY	9.9	NTU
CSB 12D	11/27/2023	TURBIDITY	1.8	NTU
CRW020D	11/27/2023	TURBIDITY	1.8	NTU
CRW027C	11/27/2023	TURBIDITY	2.8	NTU
CCSL-23R	11/27/2023	TURBIDITY	68.5	NTU
CSB020C	11/27/2023	TURBIDITY	8.4	NTU
CRW 1D	11/27/2023	TURBIDITY	0.8	NTU
CRW024C	11/27/2023	TURBIDITY	2.2	NTU
CRW022D	11/27/2023	TURBIDITY	1.8	NTU
CCSL-14	11/27/2023	TURBIDITY	220	NTU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSB 11D	11/27/2023	TURBIDITY	1.1	NTU
CSB013B	11/27/2023	TURBIDITY	14.7	NTU
CSB013B	11/27/2023	TURBIDITY	14.7	NTU
CCSL-08	11/27/2023	TURBIDITY	14.3	NTU
CRW030C	11/27/2023	TURBIDITY	1.6	NTU
CRW 14A	11/27/2023	TURBIDITY	0.6	NTU
CRW 4D	11/27/2023	TURBIDITY	6.4	NTU
CSB 13D	11/27/2023	TURBIDITY	14.5	NTU
CRW 4C	11/27/2023	TURBIDITY	14.2	NTU
CRW 13A	11/27/2023	TURBIDITY	0.6	NTU
CSB011B	11/27/2023	TURBIDITY	16.4	NTU
CRW 4A	11/27/2023	TURBIDITY	4.5	NTU
CRW029C	11/27/2023	TURBIDITY	4.9	NTU
CSB011C	11/27/2023	TURBIDITY	12.3	NTU
CRW 15A	11/28/2023	TURBIDITY	1.3	NTU
CRW015B	11/28/2023	TURBIDITY	7	NTU
CSB019B	11/28/2023	TURBIDITY	82.3	NTU
CRW 11A	11/28/2023	TURBIDITY	1.6	NTU
CRW 11D	11/28/2023	TURBIDITY	0.4	NTU
CSB019C	11/28/2023	TURBIDITY	118	NTU
CRW 15C	11/28/2023	TURBIDITY	29.3	NTU
CSB015B	11/28/2023	TURBIDITY	61.4	NTU
CRW 15D	11/28/2023	TURBIDITY	3.9	NTU
CSB020D	11/28/2023	TURBIDITY	238	NTU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSB017B	11/28/2023	TURBIDITY	21.8	NTU
CSB020B	11/28/2023	TURBIDITY	55	NTU
CSB017D	11/28/2023	TURBIDITY	19.6	NTU
CSB021D	11/28/2023	TURBIDITY	82.3	NTU
CRW 16D	11/28/2023	TURBIDITY	0.8	NTU
CTA003D	11/29/2023	TURBIDITY	18.1	NTU
CSL002	11/29/2023	TURBIDITY	19.1	NTU
CTA004D	11/29/2023	TURBIDITY	3.7	NTU
CSL001	11/29/2023	TURBIDITY	3.4	NTU
CRW 1A	11/29/2023	TURBIDITY	6.8	NTU
FMT 01	11/30/2023	TURBIDITY	14.7	NTU
CC 03	11/30/2023	TURBIDITY	4.5	NTU
FMT 02	11/30/2023	TURBIDITY	172	NTU
CC 06	11/30/2023	TURBIDITY	1.1	NTU
CC 04	11/30/2023	TURBIDITY	23.4	NTU
CC 02	11/30/2023	TURBIDITY	1.9	NTU
CC 01	11/30/2023	TURBIDITY	1.8	NTU
CCSL-11	5/6/2024	TURBIDITY	6.3	NTU
CRW024C	5/6/2024	TURBIDITY	3.4	NTU
CRW026C	5/6/2024	TURBIDITY	7.3	NTU
CCSL-14	5/6/2024	TURBIDITY	85.1	NTU
CRW027C	5/6/2024	TURBIDITY	1.8	NTU
CCSL-23R	5/6/2024	TURBIDITY	12.8	NTU
CRW023C	5/6/2024	TURBIDITY	1.8	NTU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CCSL-08	5/6/2024	TURBIDITY	7.3	NTU
CRW025C	5/6/2024	TURBIDITY	2.4	NTU
CRW030C	5/6/2024	TURBIDITY	3.4	NTU
CSB 15D	5/6/2024	TURBIDITY	1.7	NTU
CRW028C	5/6/2024	TURBIDITY	4.1	NTU
CSB020C	5/6/2024	TURBIDITY	3.1	NTU
CRW029C	5/6/2024	TURBIDITY	0.9	NTU
CCT 01	5/7/2024	TURBIDITY	4.4	NTU
CC 05	5/7/2024	TURBIDITY	1.9	NTU
CCT 02	5/7/2024	TURBIDITY	4.5	NTU
CCT 03	5/7/2024	TURBIDITY	2.3	NTU
CC 07	5/7/2024	TURBIDITY	3	NTU
CRW 1A	5/7/2024	TURBIDITY	6.5	NTU
CRW 1D	5/7/2024	TURBIDITY	4.3	NTU
CC 08	5/7/2024	TURBIDITY	2.6	NTU
CRW020D	5/7/2024	TURBIDITY	1.8	NTU
CRW021DR	5/7/2024	TURBIDITY	21.5	NTU
FMT 01	5/8/2024	TURBIDITY	18.8	NTU
TL 03	5/8/2024	TURBIDITY	11.3	NTU
CC 01	5/8/2024	TURBIDITY	4.1	NTU
TL 01	5/8/2024	TURBIDITY	35.7	NTU
CC 03	5/8/2024	TURBIDITY	4.5	NTU
FMT 02	5/8/2024	TURBIDITY	3.8	NTU
CC 06	5/8/2024	TURBIDITY	2.1	NTU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 02	5/8/2024	TURBIDITY	2.8	NTU
CC 04	5/8/2024	TURBIDITY	2.4	NTU
CRP 5C	11/13/2023	WATER TEMPERATURE	18.3	degC
CRP 5D	11/13/2023	WATER TEMPERATURE	18.1	degC
CRP 6DR	11/13/2023	WATER TEMPERATURE	18.9	degC
CRP 8D	11/13/2023	WATER TEMPERATURE	18.7	degC
CRP 3D	11/13/2023	WATER TEMPERATURE	18.7	degC
CRW010CU	11/14/2023	WATER TEMPERATURE	15.7	degC
CRW010CU	11/14/2023	WATER TEMPERATURE	15.7	degC
CRW 10C	11/14/2023	WATER TEMPERATURE	16.7	degC
CRW 10C	11/14/2023	WATER TEMPERATURE	16.7	degC
CRW 10A	11/14/2023	WATER TEMPERATURE	16.3	degC
CRW 10A	11/14/2023	WATER TEMPERATURE	16.3	degC
CC 05	11/14/2023	WATER TEMPERATURE	13.6	degC
CC 08	11/14/2023	WATER TEMPERATURE	13.9	degC
CC 07	11/14/2023	WATER TEMPERATURE	13.9	degC
CCT 01	11/14/2023	WATER TEMPERATURE	14.9	degC
CCT 02	11/14/2023	WATER TEMPERATURE	14	degC
CCT 03	11/14/2023	WATER TEMPERATURE	14	degC
TL 03	11/20/2023	WATER TEMPERATURE	13.1	degC
TL 03	11/20/2023	WATER TEMPERATURE	13	degC
TL 02	11/20/2023	WATER TEMPERATURE	13.5	degC
TL 04	11/20/2023	WATER TEMPERATURE	13.3	degC
TL 05	11/20/2023	WATER TEMPERATURE	13.9	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
TL 01	11/20/2023	WATER TEMPERATURE	13.4	degC
TL 01	11/20/2023	WATER TEMPERATURE	13.4	degC
TL 01	11/20/2023	WATER TEMPERATURE	13.4	degC
CRW 12A	11/20/2023	WATER TEMPERATURE	18.9	degC
CRW 12C	11/20/2023	WATER TEMPERATURE	18.7	degC
CRW 12D	11/20/2023	WATER TEMPERATURE	18.6	degC
CRW 5A	11/21/2023	WATER TEMPERATURE	19.8	degC
CRW 5D	11/21/2023	WATER TEMPERATURE	20.2	degC
CRW 7A	11/21/2023	WATER TEMPERATURE	19.3	degC
CRW 7D	11/21/2023	WATER TEMPERATURE	19.5	degC
CDB 1	11/21/2023	WATER TEMPERATURE	20.4	degC
CRW 9A	11/21/2023	WATER TEMPERATURE	20.3	degC
CDB 2	11/21/2023	WATER TEMPERATURE	20.1	degC
CDB003D	11/21/2023	WATER TEMPERATURE	20.4	degC
CSB 3C	11/27/2023	WATER TEMPERATURE	20.1	degC
CSB 3C	11/27/2023	WATER TEMPERATURE	20.1	degC
CRW026C	11/27/2023	WATER TEMPERATURE	16.6	degC
CRW023C	11/27/2023	WATER TEMPERATURE	18.7	degC
CSB 15D	11/27/2023	WATER TEMPERATURE	18.4	degC
CRW028C	11/27/2023	WATER TEMPERATURE	17.1	degC
CCSL-11	11/27/2023	WATER TEMPERATURE	12.3	degC
CRW021DR	11/27/2023	WATER TEMPERATURE	18.7	degC
CSB 9D	11/27/2023	WATER TEMPERATURE	19.7	degC
CRW025C	11/27/2023	WATER TEMPERATURE	18.2	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSB 12D	11/27/2023	WATER TEMPERATURE	18.7	degC
CRW020D	11/27/2023	WATER TEMPERATURE	20.8	degC
CRW027C	11/27/2023	WATER TEMPERATURE	16.4	degC
CCSL-23R	11/27/2023	WATER TEMPERATURE	13.9	degC
CSB020C	11/27/2023	WATER TEMPERATURE	18.4	degC
CRW 1D	11/27/2023	WATER TEMPERATURE	18.2	degC
CRW024C	11/27/2023	WATER TEMPERATURE	18	degC
CRW022D	11/27/2023	WATER TEMPERATURE	20.9	degC
CCSL-14	11/27/2023	WATER TEMPERATURE	13.8	degC
CSB 11D	11/27/2023	WATER TEMPERATURE	18.5	degC
CSB013B	11/27/2023	WATER TEMPERATURE	17.3	degC
CSB013B	11/27/2023	WATER TEMPERATURE	17.3	degC
CCSL-08	11/27/2023	WATER TEMPERATURE	16.6	degC
CRW030C	11/27/2023	WATER TEMPERATURE	18.7	degC
CRW 14A	11/27/2023	WATER TEMPERATURE	18.9	degC
CRW 4D	11/27/2023	WATER TEMPERATURE	18.8	degC
CSB 13D	11/27/2023	WATER TEMPERATURE	16.6	degC
CRW 4C	11/27/2023	WATER TEMPERATURE	18.1	degC
CRW 13A	11/27/2023	WATER TEMPERATURE	19.5	degC
CSB011B	11/27/2023	WATER TEMPERATURE	18.7	degC
CRW 4A	11/27/2023	WATER TEMPERATURE	19.5	degC
CRW029C	11/27/2023	WATER TEMPERATURE	18.6	degC
CSB011C	11/27/2023	WATER TEMPERATURE	18.3	degC
CRW 15A	11/28/2023	WATER TEMPERATURE	18.3	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW015B	11/28/2023	WATER TEMPERATURE	16.8	degC
CSB019B	11/28/2023	WATER TEMPERATURE	15.8	degC
CRW 11A	11/28/2023	WATER TEMPERATURE	18.7	degC
CRW 11D	11/28/2023	WATER TEMPERATURE	19.5	degC
CSB019C	11/28/2023	WATER TEMPERATURE	15.6	degC
CRW 15C	11/28/2023	WATER TEMPERATURE	18.4	degC
CSB015B	11/28/2023	WATER TEMPERATURE	15.7	degC
CRW 15D	11/28/2023	WATER TEMPERATURE	18.3	degC
CSB020D	11/28/2023	WATER TEMPERATURE	15.3	degC
CSB017B	11/28/2023	WATER TEMPERATURE	19.2	degC
CSB020B	11/28/2023	WATER TEMPERATURE	16.4	degC
CSB017D	11/28/2023	WATER TEMPERATURE	18.8	degC
CSB021D	11/28/2023	WATER TEMPERATURE	13.6	degC
CRW 16D	11/28/2023	WATER TEMPERATURE	18.2	degC
CTA003D	11/29/2023	WATER TEMPERATURE	19.3	degC
CSL002	11/29/2023	WATER TEMPERATURE	16.7	degC
CTA004D	11/29/2023	WATER TEMPERATURE	20.8	degC
CSL001	11/29/2023	WATER TEMPERATURE	14.3	degC
CRW 1A	11/29/2023	WATER TEMPERATURE	17.9	degC
FMT 01	11/30/2023	WATER TEMPERATURE	5.5	degC
CC 03	11/30/2023	WATER TEMPERATURE	6	degC
FMT 02	11/30/2023	WATER TEMPERATURE	3	degC
CC 06	11/30/2023	WATER TEMPERATURE	10.1	degC
CC 04	11/30/2023	WATER TEMPERATURE	9.2	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 02	11/30/2023	WATER TEMPERATURE	10.3	degC
CC 01	11/30/2023	WATER TEMPERATURE	10.7	degC
CCSL-11	5/6/2024	WATER TEMPERATURE	20.8	degC
CRW024C	5/6/2024	WATER TEMPERATURE	19.8	degC
CRW026C	5/6/2024	WATER TEMPERATURE	18.3	degC
CCSL-14	5/6/2024	WATER TEMPERATURE	19.8	degC
CRW027C	5/6/2024	WATER TEMPERATURE	17.7	degC
CCSL-23R	5/6/2024	WATER TEMPERATURE	19.2	degC
CRW023C	5/6/2024	WATER TEMPERATURE	19.2	degC
CCSL-08	5/6/2024	WATER TEMPERATURE	19.7	degC
CRW025C	5/6/2024	WATER TEMPERATURE	19.6	degC
CRW030C	5/6/2024	WATER TEMPERATURE	19.5	degC
CSB 15D	5/6/2024	WATER TEMPERATURE	19.3	degC
CRW028C	5/6/2024	WATER TEMPERATURE	18.7	degC
CSB020C	5/6/2024	WATER TEMPERATURE	19	degC
CRW029C	5/6/2024	WATER TEMPERATURE	18.8	degC
CCT 01	5/7/2024	WATER TEMPERATURE	18.8	degC
CC 05	5/7/2024	WATER TEMPERATURE	18.8	degC
CCT 02	5/7/2024	WATER TEMPERATURE	18.8	degC
CCT 03	5/7/2024	WATER TEMPERATURE	19.2	degC
CC 07	5/7/2024	WATER TEMPERATURE	18.4	degC
CRW 1A	5/7/2024	WATER TEMPERATURE	18.9	degC
CRW 1D	5/7/2024	WATER TEMPERATURE	18.5	degC
CC 08	5/7/2024	WATER TEMPERATURE	18.1	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW020D	5/7/2024	WATER TEMPERATURE	21	degC
CRW021DR	5/7/2024	WATER TEMPERATURE	22.5	degC
FMT 01	5/8/2024	WATER TEMPERATURE	19.5	degC
TL 03	5/8/2024	WATER TEMPERATURE	20.7	degC
CC 01	5/8/2024	WATER TEMPERATURE	20	degC
TL 01	5/8/2024	WATER TEMPERATURE	23	degC
CC 03	5/8/2024	WATER TEMPERATURE	21.2	degC
FMT 02	5/8/2024	WATER TEMPERATURE	20.5	degC
CC 06	5/8/2024	WATER TEMPERATURE	19.8	degC
CC 02	5/8/2024	WATER TEMPERATURE	20.4	degC
CC 04	5/8/2024	WATER TEMPERATURE	21.7	degC

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CC 01	11/30/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 01	11/30/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 01	11/30/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 01	11/30/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 01	11/30/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CC 01	11/30/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CC 01	11/30/2023	TRITIUM		2.04		15.2	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CC 01	5/8/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
CC 01	5/8/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		1	ug/L
CC 01	5/8/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
CC 01	5/8/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
CC 01	5/8/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		0.31	ug/L
CC 01	5/8/2024	TRITIUM		1.539		12	pCi/mL
CC 02	11/30/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 02	11/30/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 02	11/30/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 02	11/30/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 02	11/30/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CC 02	11/30/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CC 02	11/30/2023	TRITIUM		2.06		15.7	pCi/mL
CC 02	5/8/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
CC 02	5/8/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		1	ug/L
CC 02	5/8/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
CC 02	5/8/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
CC 02	5/8/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		1	ug/L
CC 02	5/8/2024	TRITIUM		1.517		11.8	pCi/mL
CC 03	11/30/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 03	11/30/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 03	11/30/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 03	11/30/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 03	11/30/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CC 03	11/30/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CC 03	11/30/2023	TRITIUM		2.74		29.2	pCi/mL
CC 03	5/8/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
CC 03	5/8/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		1	ug/L
CC 03	5/8/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
CC 03	5/8/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
CC 03	5/8/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		1	ug/L
CC 03	5/8/2024	TRITIUM		1.821		17.5	pCi/mL
CC 04	11/30/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 04	11/30/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 04	11/30/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 04	11/30/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 04	11/30/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CC 04	11/30/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CC 04	11/30/2023	TRITIUM		2.51		22.3	pCi/mL
CC 04	5/8/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
CC 04	5/8/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		1	ug/L
CC 04	5/8/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
CC 04	5/8/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
CC 04	5/8/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		1	ug/L
CC 04	5/8/2024	TRITIUM		1.669		14.9	pCi/mL
CC 05	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 05	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 05	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CC 05	11/14/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 05	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CC 05	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	0.94	ug/L
CC 05	11/14/2023	NITRATE	0.0330	0.100		0.556	mg/L
CC 05	11/14/2023	SULFATE	0.133	0.400		0.769	mg/L
CC 05	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.932	mg/L
CC 05	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.856	mg/L
CC 05	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.95	mg/L
CC 05	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.959	mg/L
CC 05	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.962	mg/L
CC 05	11/14/2023	TRITIUM		2.80		15.1	pCi/mL
CC 05	11/14/2023	METHANE	3.8	10.0	J	3.9	ug/L
CC 05	11/14/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CC 05	5/7/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 05	5/7/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 05	5/7/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 05	5/7/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 05	5/7/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CC 05	5/7/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	0.72	ug/L
CC 05	5/7/2024	NITRATE	0.0330	0.100		0.514	mg/L
CC 05	5/7/2024	SULFATE	0.133	0.400		0.78	mg/L
CC 05	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.16	mg/L
CC 05	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.14	mg/L
CC 05	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.16	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CC 05	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.16	mg/L
CC 05	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.17	mg/L
CC 05	5/7/2024	TRITIUM		2.34		11.9	pCi/mL
CC 05	5/7/2024	METHANE	3.8	10.0	J	7.8	ug/L
CC 05	5/7/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CC 06	11/30/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 06	11/30/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 06	11/30/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 06	11/30/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 06	11/30/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CC 06	11/30/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CC 06	11/30/2023	TRITIUM		0.909	J	0.898	pCi/mL
CC 06	5/8/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
CC 06	5/8/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		1	ug/L
CC 06	5/8/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
CC 06	5/8/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
CC 06	5/8/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		0.95	ug/L
CC 06	5/8/2024	TRITIUM		0.548		0.232	pCi/mL
CC 07	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 07	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 07	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 07	11/14/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 07	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CC 07	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	0.74	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CC 07	11/14/2023	NITRATE	0.0330	0.100		0.566	mg/L
CC 07	11/14/2023	SULFATE	0.133	0.400		0.781	mg/L
CC 07	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.856	mg/L
CC 07	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.829	mg/L
CC 07	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.86	mg/L
CC 07	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.863	mg/L
CC 07	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.87	mg/L
CC 07	11/14/2023	TRITIUM		1.80	U	0.563	pCi/mL
CC 07	11/14/2023	METHANE	3.8	10.0	U	3.8	ug/L
CC 07	11/14/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CC 07	5/7/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 07	5/7/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 07	5/7/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 07	5/7/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 07	5/7/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CC 07	5/7/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	0.54	ug/L
CC 07	5/7/2024	NITRATE	0.0330	0.100		0.534	mg/L
CC 07	5/7/2024	SULFATE	0.133	0.400		0.811	mg/L
CC 07	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.778	mg/L
CC 07	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.762	mg/L
CC 07	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.793	mg/L
CC 07	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.761	mg/L
CC 07	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.797	mg/L
CC 07	5/7/2024	TRITIUM		1.53	U	0.666	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CC 07	5/7/2024	METHANE	3.8	10.0	J	5.8	ug/L
CC 07	5/7/2024	ETHYLENE	0.79	5.0	J	0.8	ug/L
CC 08	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 08	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 08	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 08	11/14/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 08	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CC 08	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		1.25	ug/L
CC 08	11/14/2023	NITRATE	0.0330	0.100		0.567	mg/L
CC 08	11/14/2023	SULFATE	0.133	0.400		0.772	mg/L
CC 08	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.918	mg/L
CC 08	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.862	mg/L
CC 08	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.936	mg/L
CC 08	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.937	mg/L
CC 08	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.936	mg/L
CC 08	11/14/2023	TRITIUM		2.72		13.5	pCi/mL
CC 08	11/14/2023	METHANE	3.8	10.0	U	3.8	ug/L
CC 08	11/14/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CC 08	5/7/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CC 08	5/7/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 08	5/7/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CC 08	5/7/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CC 08	5/7/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CC 08	5/7/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	0.63	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CC 08	5/7/2024	NITRATE	0.0330	0.100		0.521	mg/L
CC 08	5/7/2024	SULFATE	0.133	0.400		0.811	mg/L
CC 08	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.746	mg/L
CC 08	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.746	mg/L
CC 08	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.743	mg/L
CC 08	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.769	mg/L
CC 08	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.724	mg/L
CC 08	5/7/2024	TRITIUM		1.59	J	0.732	pCi/mL
CC 08	5/7/2024	METHANE	3.8	10.0	J	8.2	ug/L
CC 08	5/7/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCSL-08	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCSL-08	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-08	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-08	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCSL-08	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCSL-08	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		5.43	ug/L
CCSL-08	11/27/2023	NITRATE	0.0330	0.100		0.533	mg/L
CCSL-08	11/27/2023	SULFATE	0.133	0.400		0.634	mg/L
CCSL-08	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CCSL-08	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.332	mg/L
CCSL-08	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CCSL-08	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CCSL-08	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CCSL-08	11/27/2023	TRITIUM		4.43		63.9	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CCSL-08	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-08	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCSL-08	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-08	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCSL-08	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCSL-08	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-08	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-08	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCSL-08	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCSL-08	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		4.33	ug/L
CCSL-08	5/6/2024	NITRATE	0.0330	0.100		0.45	mg/L
CCSL-08	5/6/2024	SULFATE	0.133	0.400		0.452	mg/L
CCSL-08	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.345	mg/L
CCSL-08	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.333	mg/L
CCSL-08	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.342	mg/L
CCSL-08	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.368	mg/L
CCSL-08	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.337	mg/L
CCSL-08	5/6/2024	TRITIUM		5.58		42.9	pCi/mL
CCSL-08	5/6/2024	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-08	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCSL-11	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCSL-11	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-11	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-11	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CCSL-11	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCSL-11	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CCSL-11	11/27/2023	NITRATE	0.0330	0.100		0.738	mg/L
CCSL-11	11/27/2023	SULFATE	0.133	0.400		0.606	mg/L
CCSL-11	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.903	mg/L
CCSL-11	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.913	mg/L
CCSL-11	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.897	mg/L
CCSL-11	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.902	mg/L
CCSL-11	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.9	mg/L
CCSL-11	11/27/2023	TRITIUM		5.33		61.4	pCi/mL
CCSL-11	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-11	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCSL-11	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-11	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCSL-11	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCSL-11	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-11	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-11	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCSL-11	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCSL-11	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CCSL-11	5/6/2024	NITRATE	0.0330	0.100		0.56	mg/L
CCSL-11	5/6/2024	SULFATE	0.133	0.400		0.793	mg/L
CCSL-11	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.07	mg/L
CCSL-11	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.05	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CCSL-11	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.08	mg/L
CCSL-11	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.07	mg/L
CCSL-11	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.09	mg/L
CCSL-11	5/6/2024	TRITIUM		4.47		23.7	pCi/mL
CCSL-11	5/6/2024	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-11	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCSL-14	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCSL-14	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-14	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-14	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCSL-14	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCSL-14	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		3.83	ug/L
CCSL-14	11/27/2023	NITRATE	0.0330	0.100		0.591	mg/L
CCSL-14	11/27/2023	SULFATE	0.133	0.400	J	0.362	mg/L
CCSL-14	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.351	mg/L
CCSL-14	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.353	mg/L
CCSL-14	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.351	mg/L
CCSL-14	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.354	mg/L
CCSL-14	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.346	mg/L
CCSL-14	11/27/2023	TRITIUM		5.39		88.4	pCi/mL
CCSL-14	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-14	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCSL-14	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-14	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CCSL-14	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCSL-14	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-14	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-14	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCSL-14	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCSL-14	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		3.01	ug/L
CCSL-14	5/6/2024	NITRATE	0.0330	0.100		0.678	mg/L
CCSL-14	5/6/2024	SULFATE	0.133	0.400	J	0.385	mg/L
CCSL-14	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CCSL-14	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CCSL-14	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CCSL-14	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CCSL-14	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CCSL-14	5/6/2024	TRITIUM		7.38		80.2	pCi/mL
CCSL-14	5/6/2024	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-14	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCSL-23R	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCSL-23R	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-23R	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-23R	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCSL-23R	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCSL-23R	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		5.59	ug/L
CCSL-23R	11/27/2023	NITRATE	0.0330	0.100		0.596	mg/L
CCSL-23R	11/27/2023	SULFATE	0.133	0.400	J	2.93	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CCSL-23R	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	1.63	mg/L
CCSL-23R	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	1.61	mg/L
CCSL-23R	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	1.63	mg/L
CCSL-23R	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	1.66	mg/L
CCSL-23R	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	1.65	mg/L
CCSL-23R	11/27/2023	TRITIUM		6.93		173	pCi/mL
CCSL-23R	11/27/2023	METHANE	15.4	40.0	U	15.4	ug/L
CCSL-23R	11/27/2023	ETHYLENE	3.2	20.0	J	23.1	ug/L
CCSL-23R	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-23R	11/27/2023	ETHYLENE	0.79	5.0		7.5	ug/L
CCSL-23R	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCSL-23R	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-23R	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCSL-23R	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCSL-23R	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCSL-23R	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		7.25	ug/L
CCSL-23R	5/6/2024	SULFATE	0.133	0.400	J	2.13	mg/L
CCSL-23R	5/6/2024	NITRATE	0.0660	0.200		0.785	mg/L
CCSL-23R	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.78	mg/L
CCSL-23R	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.72	mg/L
CCSL-23R	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.78	mg/L
CCSL-23R	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.79	mg/L
CCSL-23R	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.83	mg/L
CCSL-23R	5/6/2024	TRITIUM		9.06		132	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CCSL-23R	5/6/2024	METHANE	3.8	10.0	U	3.8	ug/L
CCSL-23R	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCT 01	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCT 01	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.44	ug/L
CCT 01	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCT 01	11/14/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCT 01	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCT 01	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		9.84	ug/L
CCT 01	11/14/2023	NITRATE	0.0330	0.100		0.556	mg/L
CCT 01	11/14/2023	SULFATE	0.133	0.400		0.405	mg/L
CCT 01	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	1.34	mg/L
CCT 01	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	1.27	mg/L
CCT 01	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	1.35	mg/L
CCT 01	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	1.35	mg/L
CCT 01	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	1.38	mg/L
CCT 01	11/14/2023	TRITIUM		7.06		183	pCi/mL
CCT 01	11/14/2023	METHANE	3.8	10.0		50.8	ug/L
CCT 01	11/14/2023	ETHYLENE	0.79	5.0	J	1.1	ug/L
CCT 01	5/7/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCT 01	5/7/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.68	ug/L
CCT 01	5/7/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCT 01	5/7/2024	1,2-DICHLOROETHYLENE	0.667	2.00	J	0.68	ug/L
CCT 01	5/7/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCT 01	5/7/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		8.53	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CCT 01	5/7/2024	NITRATE	0.0330	0.100		0.478	mg/L
CCT 01	5/7/2024	SULFATE	0.133	0.400	J	0.38	mg/L
CCT 01	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.65	mg/L
CCT 01	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.6	mg/L
CCT 01	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.66	mg/L
CCT 01	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.66	mg/L
CCT 01	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.69	mg/L
CCT 01	5/7/2024	TRITIUM		5.75		134	pCi/mL
CCT 01	5/7/2024	METHANE	3.8	10.0	J	77.3	ug/L
CCT 01	5/7/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCT 02	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCT 02	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.39	ug/L
CCT 02	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCT 02	11/14/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCT 02	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCT 02	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		7.6	ug/L
CCT 02	11/14/2023	NITRATE	0.0330	0.100		0.307	mg/L
CCT 02	11/14/2023	SULFATE	0.133	0.400		0.517	mg/L
CCT 02	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	2.4	mg/L
CCT 02	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	2.31	mg/L
CCT 02	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	2.41	mg/L
CCT 02	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	2.46	mg/L
CCT 02	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	2.41	mg/L
CCT 02	11/14/2023	TRITIUM		3.10		16.6	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CCT 02	11/14/2023	METHANE	3.8	10.0	U	3.8	ug/L
CCT 02	11/14/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCT 02	5/7/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCT 02	5/7/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCT 02	5/7/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCT 02	5/7/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCT 02	5/7/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCT 02	5/7/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		5.71	ug/L
CCT 02	5/7/2024	NITRATE	0.0330	0.100		0.26	mg/L
CCT 02	5/7/2024	SULFATE	0.133	0.400		0.431	mg/L
CCT 02	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		2.92	mg/L
CCT 02	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		2.88	mg/L
CCT 02	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		2.92	mg/L
CCT 02	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		2.9	mg/L
CCT 02	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		2.98	mg/L
CCT 02	5/7/2024	TRITIUM		2.40		10.9	pCi/mL
CCT 02	5/7/2024	METHANE	3.8	10.0	J	5.8	ug/L
CCT 02	5/7/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCT 03	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCT 03	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.56	ug/L
CCT 03	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCT 03	11/14/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCT 03	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCT 03	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		5.59	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CCT 03	11/14/2023	NITRATE	0.0330	0.100		0.213	mg/L
CCT 03	11/14/2023	SULFATE	0.133	0.400		0.573	mg/L
CCT 03	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	2.57	mg/L
CCT 03	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	2.35	mg/L
CCT 03	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	2.62	mg/L
CCT 03	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	2.63	mg/L
CCT 03	11/14/2023	TOTAL ORGANIC CARBON	0.330	1.00	J	2.67	mg/L
CCT 03	11/14/2023	TRITIUM		1.97	J	1.61	pCi/mL
CCT 03	11/14/2023	METHANE	3.8	10.0	U	3.8	ug/L
CCT 03	11/14/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CCT 03	5/7/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CCT 03	5/7/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.44	ug/L
CCT 03	5/7/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CCT 03	5/7/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CCT 03	5/7/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CCT 03	5/7/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		4.59	ug/L
CCT 03	5/7/2024	NITRATE	0.0330	0.100		0.191	mg/L
CCT 03	5/7/2024	SULFATE	0.133	0.400		0.445	mg/L
CCT 03	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		3.28	mg/L
CCT 03	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		3.2	mg/L
CCT 03	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		3.32	mg/L
CCT 03	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		3.33	mg/L
CCT 03	5/7/2024	TOTAL ORGANIC CARBON	0.330	1.00		3.27	mg/L
CCT 03	5/7/2024	TRITIUM		1.74	J	1.51	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CCT 03	5/7/2024	METHANE	3.8	10.0	J	9.2	ug/L
CCT 03	5/7/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CDB 1	11/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.88	ug/L
CDB 1	11/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CDB 1	11/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CDB 1	11/21/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CDB 1	11/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CDB 1	11/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CDB 1	11/21/2023	TRITIUM		1.45	J	1.09	pCi/mL
CDB 2	11/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CDB 2	11/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CDB 2	11/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CDB 2	11/21/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CDB 2	11/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CDB 2	11/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CDB 2	11/21/2023	TRITIUM		3.14		19.9	pCi/mL
CDB003D	11/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CDB003D	11/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CDB003D	11/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CDB003D	11/21/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CDB003D	11/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CDB003D	11/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	8.4	ug/L
CDB003D	11/21/2023	TRITIUM		2.07		5.68	pCi/mL
CRW 1A	11/29/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	R	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW 1A	11/29/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	R	1	ug/L
CRW 1A	11/29/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	R	1	ug/L
CRW 1A	11/29/2023	1,2-DICHLOROETHYLENE	0.667	2.00	R	2	ug/L
CRW 1A	11/29/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	R	1	ug/L
CRW 1A	11/29/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	R	1	ug/L
CRW 1A	11/29/2023	TRITIUM		0.772	U	0.155	pCi/mL
CRW 1A	5/7/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
CRW 1A	5/7/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		1	ug/L
CRW 1A	5/7/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
CRW 1A	5/7/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
CRW 1A	5/7/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		1	ug/L
CRW 1A	5/7/2024	TRITIUM		0.534		-0.0288	pCi/mL
CRW 1D	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 1D	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 1D	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 1D	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 1D	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 1D	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 1D	11/27/2023	TRITIUM		1.43	J	0.854	pCi/mL
CRW 1D	5/7/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
CRW 1D	5/7/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		1	ug/L
CRW 1D	5/7/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
CRW 1D	5/7/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
CRW 1D	5/7/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW 1D	5/7/2024	TRITIUM		0.659		0.611	pCi/mL
CRW 4A	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 4A	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 4A	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 4A	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 4A	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 4A	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 4A	11/27/2023	TRITIUM		1.31	U	0.173	pCi/mL
CRW 4C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 4C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 4C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 4C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 4C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 4C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 4C	11/27/2023	TRITIUM		1.39	U	0.225	pCi/mL
CRW 4D	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 4D	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 4D	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 4D	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 4D	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 4D	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 4D	11/27/2023	TRITIUM		1.61		1.87	pCi/mL
CRW 5A	11/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 5A	11/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW 5A	11/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 5A	11/21/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 5A	11/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 5A	11/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 5A	11/21/2023	TRITIUM		1.29	U	0.156	pCi/mL
CRW 5D	11/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 5D	11/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 5D	11/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 5D	11/21/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 5D	11/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 5D	11/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	4.23	ug/L
CRW 5D	11/21/2023	TRITIUM		1.34	U	0.478	pCi/mL
CRW 7A	11/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 7A	11/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 7A	11/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 7A	11/21/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 7A	11/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 7A	11/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 7A	11/21/2023	TRITIUM		1.33	U	0.211	pCi/mL
CRW 7D	11/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 7D	11/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 7D	11/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 7D	11/21/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 7D	11/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW 7D	11/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 7D	11/21/2023	TRITIUM		1.40	J	0.717	pCi/mL
CRW 9A	11/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 9A	11/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 9A	11/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 9A	11/21/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 9A	11/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 9A	11/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 9A	11/21/2023	TRITIUM		1.65		2.17	pCi/mL
CRW 10A	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 10A	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 10A	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 10A	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 10A	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 10A	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 10A	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 10A	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 10A	11/14/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 10A	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 10A	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 10A	11/14/2023	TRITIUM		1.78	U	-0.12	pCi/mL
CRW 10C	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.9	ug/L
CRW 10C	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 10C	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW 10C	11/14/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 10C	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 10C	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	4.92	ug/L
CRW 10C	11/14/2023	TRITIUM		2.49		10.4	pCi/mL
CRW 10C	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.99	ug/L
CRW 10C	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 10C	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 10C	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 10C	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		5	ug/L
CRW 11A	11/28/2023	TRITIUM		2.10	J	1.88	pCi/mL
CRW 11A	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 11A	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 11A	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 11A	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 11A	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 11A	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 11D	11/28/2023	TRITIUM		1.93	U	0.501	pCi/mL
CRW 11D	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 11D	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 11D	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 11D	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 11D	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 11D	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 12A	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW 12A	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 12A	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 12A	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 12A	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 12C	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 12C	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 12C	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 12C	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 12C	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 12D	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 12D	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 12D	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 12D	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 12D	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 13A	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 13A	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 13A	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 13A	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 13A	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 13A	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 13A	11/27/2023	TRITIUM		1.36	U	0.575	pCi/mL
CRW 14A	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 14A	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 14A	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW 14A	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 14A	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 14A	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 14A	11/27/2023	TRITIUM		1.37	U	0.596	pCi/mL
CRW 15A	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 15A	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 15A	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 15A	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 15A	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 15A	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 15A	11/28/2023	TRITIUM		1.17	U	-0.324	pCi/mL
CRW 15C	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 15C	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 15C	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 15C	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 15C	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 15C	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 15C	11/28/2023	TRITIUM		3.65		35.4	pCi/mL
CRW 15D	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 15D	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 15D	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 15D	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 15D	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 15D	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW 15D	11/28/2023	TRITIUM		3.52		34.5	pCi/mL
CRW 16D	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW 16D	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 16D	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW 16D	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW 16D	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW 16D	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW 16D	11/28/2023	TRITIUM		1.66	U	0.2	pCi/mL
CRW010CU	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.91	ug/L
CRW010CU	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW010CU	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW010CU	11/14/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW010CU	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW010CU	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	10.1	ug/L
CRW010CU	11/14/2023	TRITIUM		2.09		4.16	pCi/mL
CRW010CU	11/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.75	ug/L
CRW010CU	11/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW010CU	11/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW010CU	11/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW010CU	11/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		9.25	ug/L
CRW015B	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW015B	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW015B	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW015B	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW015B	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW015B	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW015B	11/28/2023	TRITIUM		3.96		34.1	pCi/mL
CRW020D	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.71	ug/L
CRW020D	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.5	ug/L
CRW020D	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW020D	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW020D	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW020D	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	86	ug/L
CRW020D	11/27/2023	TRITIUM		2.08		4.84	pCi/mL
CRW020D	5/7/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		0.77	ug/L
CRW020D	5/7/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		0.55	ug/L
CRW020D	5/7/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
CRW020D	5/7/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
CRW020D	5/7/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		82	ug/L
CRW020D	5/7/2024	TRITIUM		1.003		3.41	pCi/mL
CRW021DR	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.44	ug/L
CRW021DR	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.51	ug/L
CRW021DR	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW021DR	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW021DR	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW021DR	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	45.1	ug/L
CRW021DR	11/27/2023	TRITIUM		2.37		4.36	pCi/mL
CRW021DR	5/7/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		0.45	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW021DR	5/7/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		0.48	ug/L
CRW021DR	5/7/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
CRW021DR	5/7/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
CRW021DR	5/7/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		33	ug/L
CRW021DR	5/7/2024	TRITIUM		0.959		3.13	pCi/mL
CRW022D	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW022D	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW022D	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW022D	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW022D	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW022D	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CRW022D	11/27/2023	TRITIUM		1.83	J	1.74	pCi/mL
CRW023C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW023C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.44	ug/L
CRW023C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW023C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW023C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW023C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		21.6	ug/L
CRW023C	11/27/2023	NITRATE	0.0330	0.100		1.3	mg/L
CRW023C	11/27/2023	SULFATE	0.133	0.400		1.25	mg/L
CRW023C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW023C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW023C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW023C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW023C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW023C	11/27/2023	TRITIUM		10.9		526	pCi/mL
CRW023C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CRW023C	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW023C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CRW023C	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW023C	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW023C	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00		1.22	ug/L
CRW023C	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW023C	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	J	1.22	ug/L
CRW023C	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW023C	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		51.1	ug/L
CRW023C	5/6/2024	SULFATE	0.133	0.400	J	3.38	mg/L
CRW023C	5/6/2024	NITRATE	0.0660	0.200		1.36	mg/L
CRW023C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW023C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW023C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW023C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW023C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW023C	5/6/2024	TRITIUM		16.3		394	pCi/mL
CRW023C	5/6/2024	METHANE	3.8	10.0	U	3.8	ug/L
CRW023C	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW024C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.38	ug/L
CRW024C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW024C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW024C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW024C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW024C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		7.35	ug/L
CRW024C	11/27/2023	NITRATE	0.0330	0.100		0.238	mg/L
CRW024C	11/27/2023	SULFATE	0.133	0.400	U	0.4	mg/L
CRW024C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW024C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW024C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW024C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW024C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW024C	11/27/2023	TRITIUM		14.1		901	pCi/mL
CRW024C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CRW024C	11/27/2023	ETHYLENE	0.79	5.0	J	0.93	ug/L
CRW024C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CRW024C	11/27/2023	ETHYLENE	0.79	5.0	J	0.92	ug/L
CRW024C	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.46	ug/L
CRW024C	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.36	ug/L
CRW024C	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW024C	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW024C	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW024C	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		15.4	ug/L
CRW024C	5/6/2024	SULFATE	0.133	0.400		0.669	mg/L
CRW024C	5/6/2024	NITRATE	0.0660	0.200		1.39	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW024C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW024C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW024C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW024C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW024C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW024C	5/6/2024	TRITIUM		34.3		842	pCi/mL
CRW024C	5/6/2024	METHANE	3.8	10.0	U	3.8	ug/L
CRW024C	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW025C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW025C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW025C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW025C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW025C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW025C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		3.04	ug/L
CRW025C	11/27/2023	NITRATE	0.0330	0.100		0.632	mg/L
CRW025C	11/27/2023	SULFATE	0.133	0.400		1.1	mg/L
CRW025C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW025C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW025C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW025C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW025C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW025C	11/27/2023	TRITIUM		5.01		87.7	pCi/mL
CRW025C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CRW025C	11/27/2023	ETHYLENE	0.79	5.0	J	0.96	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW025C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CRW025C	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW025C	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW025C	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW025C	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW025C	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW025C	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW025C	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		2.06	ug/L
CRW025C	5/6/2024	NITRATE	0.0330	0.100		0.449	mg/L
CRW025C	5/6/2024	SULFATE	0.133	0.400		0.553	mg/L
CRW025C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW025C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW025C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW025C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW025C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW025C	5/6/2024	TRITIUM		5.96		50	pCi/mL
CRW025C	5/6/2024	METHANE	3.8	10.0	U	3.8	ug/L
CRW025C	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW026C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW026C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00		2.53	ug/L
CRW026C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW026C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00		2.53	ug/L
CRW026C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW026C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		35.4	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW026C	11/27/2023	NITRATE	0.0330	0.100		0.625	mg/L
CRW026C	11/27/2023	SULFATE	0.133	0.400	J	0.312	mg/L
CRW026C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.885	mg/L
CRW026C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.832	mg/L
CRW026C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.904	mg/L
CRW026C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.909	mg/L
CRW026C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	0.896	mg/L
CRW026C	11/27/2023	TRITIUM		11.3		523	pCi/mL
CRW026C	11/27/2023	METHANE	3.8	10.0	J	857	ug/L
CRW026C	11/27/2023	ETHYLENE	0.79	5.0	J	0.85	ug/L
CRW026C	11/27/2023	METHANE	3.8	10.0		616	ug/L
CRW026C	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW026C	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW026C	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00		6.86	ug/L
CRW026C	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW026C	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00		6.86	ug/L
CRW026C	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW026C	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		43.2	ug/L
CRW026C	5/6/2024	NITRATE	0.0330	0.100		0.431	mg/L
CRW026C	5/6/2024	SULFATE	0.133	0.400	J	0.285	mg/L
CRW026C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.986	mg/L
CRW026C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.939	mg/L
CRW026C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	J	0.916	mg/L
CRW026C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.04	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW026C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00		1.05	mg/L
CRW026C	5/6/2024	TRITIUM		14.2		339	pCi/mL
CRW026C	5/6/2024	METHANE	3.8	10.0	J	1100	ug/L
CRW026C	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW027C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW027C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00		1.03	ug/L
CRW027C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW027C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	J	1.03	ug/L
CRW027C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW027C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		40.1	ug/L
CRW027C	11/27/2023	NITRATE	0.0330	0.100		1.26	mg/L
CRW027C	11/27/2023	SULFATE	0.133	0.400		1.02	mg/L
CRW027C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW027C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW027C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW027C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW027C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW027C	11/27/2023	TRITIUM		6.39		158	pCi/mL
CRW027C	11/27/2023	METHANE	3.8	10.0	J	4.4	ug/L
CRW027C	11/27/2023	ETHYLENE	0.79	5.0	J	1.2	ug/L
CRW027C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CRW027C	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW027C	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW027C	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.74	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW027C	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW027C	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	J	0.74	ug/L
CRW027C	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW027C	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		29.2	ug/L
CRW027C	5/6/2024	NITRATE	0.0330	0.100		1.18	mg/L
CRW027C	5/6/2024	SULFATE	0.133	0.400		0.573	mg/L
CRW027C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW027C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW027C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW027C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW027C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW027C	5/6/2024	TRITIUM		7.83		96.7	pCi/mL
CRW027C	5/6/2024	METHANE	3.8	10.0	U	4.3	ug/L
CRW027C	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW028C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW028C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW028C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW028C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW028C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW028C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		26.1	ug/L
CRW028C	11/27/2023	NITRATE	0.0330	0.100		1	mg/L
CRW028C	11/27/2023	SULFATE	0.133	0.400		0.575	mg/L
CRW028C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW028C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW028C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW028C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW028C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW028C	11/27/2023	TRITIUM		3.26		27.2	pCi/mL
CRW028C	11/27/2023	METHANE	3.8	10.0	J	4.4	ug/L
CRW028C	11/27/2023	ETHYLENE	0.79	5.0	J	1.3	ug/L
CRW028C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CRW028C	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW028C	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW028C	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.41	ug/L
CRW028C	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW028C	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW028C	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW028C	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		39.9	ug/L
CRW028C	5/6/2024	NITRATE	0.0330	0.100		1.01	mg/L
CRW028C	5/6/2024	SULFATE	0.133	0.400		0.772	mg/L
CRW028C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW028C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW028C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW028C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW028C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW028C	5/6/2024	TRITIUM		4.19		20.8	pCi/mL
CRW028C	5/6/2024	METHANE	3.8	10.0	U	3.9	ug/L
CRW028C	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW029C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW029C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.34	ug/L
CRW029C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW029C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW029C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW029C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		15.1	ug/L
CRW029C	11/27/2023	NITRATE	0.0330	0.100		1.26	mg/L
CRW029C	11/27/2023	SULFATE	0.133	0.400	J	0.357	mg/L
CRW029C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW029C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW029C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW029C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW029C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW029C	11/27/2023	TRITIUM		12.9		741	pCi/mL
CRW029C	11/27/2023	METHANE	3.8	10.0	J	4.5	ug/L
CRW029C	11/27/2023	ETHYLENE	0.79	5.0	J	1.2	ug/L
CRW029C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CRW029C	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW029C	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW029C	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00		1.04	ug/L
CRW029C	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW029C	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	J	1.04	ug/L
CRW029C	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW029C	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		42.9	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW029C	5/6/2024	NITRATE	0.0330	0.100		1.3	mg/L
CRW029C	5/6/2024	SULFATE	0.133	0.400		0.442	mg/L
CRW029C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW029C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW029C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW029C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW029C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW029C	5/6/2024	TRITIUM		19.8		480	pCi/mL
CRW029C	5/6/2024	METHANE	3.8	10.0	U	3.8	ug/L
CRW029C	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW030C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW030C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW030C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW030C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW030C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW030C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		5.99	ug/L
CRW030C	11/27/2023	NITRATE	0.0330	0.100		1.1	mg/L
CRW030C	11/27/2023	SULFATE	0.133	0.400		0.934	mg/L
CRW030C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW030C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW030C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW030C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW030C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW030C	11/27/2023	TRITIUM		8.30		282	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CRW030C	11/27/2023	METHANE	3.8	10.0	J	4.5	ug/L
CRW030C	11/27/2023	ETHYLENE	0.79	5.0	J	1.2	ug/L
CRW030C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CRW030C	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CRW030C	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CRW030C	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.5	ug/L
CRW030C	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CRW030C	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CRW030C	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CRW030C	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		21.2	ug/L
CRW030C	5/6/2024	NITRATE	0.0330	0.100		1.12	mg/L
CRW030C	5/6/2024	SULFATE	0.133	0.400		1.02	mg/L
CRW030C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW030C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW030C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW030C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW030C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CRW030C	5/6/2024	TRITIUM		11.3		216	pCi/mL
CRW030C	5/6/2024	METHANE	3.8	10.0	U	4.9	ug/L
CRW030C	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CSB 3C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB 3C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 3C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 3C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CSB 3C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB 3C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	2.89	ug/L
CSB 3C	11/27/2023	TRITIUM		5.08		91.1	pCi/mL
CSB 3C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB 3C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 3C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 3C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB 3C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB 3C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	2.51	ug/L
CSB 3C	11/27/2023	TRITIUM		5.03		89.8	pCi/mL
CSB 9D	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB 9D	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 9D	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 9D	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB 9D	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB 9D	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB 9D	11/27/2023	TRITIUM		2.96		20.3	pCi/mL
CSB 11D	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.8	ug/L
CSB 11D	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 11D	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 11D	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB 11D	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB 11D	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB 11D	11/27/2023	TRITIUM		2.51		11.3	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CSB 12D	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB 12D	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 12D	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 12D	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB 12D	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB 12D	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB 12D	11/27/2023	TRITIUM		3.19		12.8	pCi/mL
CSB 13D	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB 13D	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 13D	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 13D	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB 13D	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB 13D	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB 13D	11/27/2023	TRITIUM		3.53		33.9	pCi/mL
CSB 15D	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB 15D	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 15D	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 15D	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB 15D	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB 15D	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		27.8	ug/L
CSB 15D	11/27/2023	NITRATE	0.0330	0.100		0.868	mg/L
CSB 15D	11/27/2023	SULFATE	0.133	0.400	J	0.295	mg/L
CSB 15D	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB 15D	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CSB 15D	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB 15D	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB 15D	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB 15D	11/27/2023	TRITIUM		7.63		228	pCi/mL
CSB 15D	11/27/2023	METHANE	3.8	10.0	J	4.6	ug/L
CSB 15D	11/27/2023	ETHYLENE	0.79	5.0	J	1.2	ug/L
CSB 15D	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CSB 15D	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CSB 15D	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.38	ug/L
CSB 15D	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 15D	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB 15D	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB 15D	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB 15D	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		30.2	ug/L
CSB 15D	5/6/2024	NITRATE	0.0330	0.100		0.892	mg/L
CSB 15D	5/6/2024	SULFATE	0.133	0.400		0.451	mg/L
CSB 15D	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB 15D	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB 15D	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB 15D	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB 15D	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB 15D	5/6/2024	TRITIUM		10.9		199	pCi/mL
CSB 15D	5/6/2024	METHANE	3.8	10.0	U	3.8	ug/L
CSB 15D	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CSB011B	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB011B	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB011B	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB011B	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB011B	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB011B	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB011B	11/27/2023	TRITIUM		1.98		3.38	pCi/mL
CSB011C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB011C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB011C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB011C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB011C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB011C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	0.94	ug/L
CSB011C	11/27/2023	TRITIUM		1.85	J	1.7	pCi/mL
CSB013B	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB013B	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB013B	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB013B	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB013B	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB013B	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB013B	11/27/2023	TRITIUM		4.09		52.7	pCi/mL
CSB013B	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB013B	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB013B	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CSB013B	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB013B	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB013B	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB013B	11/27/2023	TRITIUM		4.61		72	pCi/mL
CSB015B	11/28/2023	TRITIUM		1.92	U	-0.597	pCi/mL
CSB015B	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB015B	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB015B	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB015B	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB015B	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB015B	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB017B	11/28/2023	TRITIUM		38.7		944	pCi/mL
CSB017B	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB017B	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB017B	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB017B	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB017B	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB017B	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	6.28	ug/L
CSB017D	11/28/2023	TRITIUM		4.47		33	pCi/mL
CSB017D	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	1.06	ug/L
CSB017D	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB017D	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB017D	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB017D	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CSB017D	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	6.32	ug/L
CSB019B	11/28/2023	TRITIUM		15.5		363	pCi/mL
CSB019B	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.42	ug/L
CSB019B	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB019B	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB019B	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB019B	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB019B	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	0.98	ug/L
CSB019C	11/28/2023	TRITIUM		2.48	J	2.83	pCi/mL
CSB019C	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB019C	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB019C	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB019C	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB019C	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB019C	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB020B	11/28/2023	TRITIUM		2.09	J	1.16	pCi/mL
CSB020B	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB020B	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB020B	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB020B	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB020B	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB020B	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB020C	11/27/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.41	ug/L
CSB020C	11/27/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CSB020C	11/27/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB020C	11/27/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB020C	11/27/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB020C	11/27/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		26.4	ug/L
CSB020C	11/27/2023	NITRATE	0.0330	0.100		1.44	mg/L
CSB020C	11/27/2023	SULFATE	0.133	0.400	J	0.312	mg/L
CSB020C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB020C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB020C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB020C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB020C	11/27/2023	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB020C	11/27/2023	TRITIUM		6.93		189	pCi/mL
CSB020C	11/27/2023	METHANE	3.8	10.0	J	4.7	ug/L
CSB020C	11/27/2023	ETHYLENE	0.79	5.0	J	1.3	ug/L
CSB020C	11/27/2023	METHANE	3.8	10.0	U	3.8	ug/L
CSB020C	11/27/2023	ETHYLENE	0.79	5.0	U	0.79	ug/L
CSB020C	5/6/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.4	ug/L
CSB020C	5/6/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB020C	5/6/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB020C	5/6/2024	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB020C	5/6/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB020C	5/6/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00		28.6	ug/L
CSB020C	5/6/2024	NITRATE	0.0330	0.100		1.33	mg/L
CSB020C	5/6/2024	SULFATE	0.133	0.400		0.51	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CSB020C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB020C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB020C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB020C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB020C	5/6/2024	TOTAL ORGANIC CARBON	0.330	1.00	U	1	mg/L
CSB020C	5/6/2024	TRITIUM		9.92		162	pCi/mL
CSB020C	5/6/2024	METHANE	3.8	10.0	U	3.8	ug/L
CSB020C	5/6/2024	ETHYLENE	0.79	5.0	U	0.79	ug/L
CSB020D	11/28/2023	TRITIUM		2.59	J	1.27	pCi/mL
CSB020D	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB020D	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB020D	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB020D	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB020D	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB020D	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSB021D	11/28/2023	TRITIUM		6.66		98.2	pCi/mL
CSB021D	11/28/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSB021D	11/28/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB021D	11/28/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSB021D	11/28/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSB021D	11/28/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSB021D	11/28/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	J	0.72	ug/L
CSL001	11/29/2023	TRITIUM		1.80	U	-0.248	pCi/mL
CSL001	11/29/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CSL001	11/29/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSL001	11/29/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSL001	11/29/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSL001	11/29/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSL001	11/29/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CSL002	11/29/2023	TRITIUM		3.26		12.8	pCi/mL
CSL002	11/29/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CSL002	11/29/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSL002	11/29/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CSL002	11/29/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CSL002	11/29/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CSL002	11/29/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CTA003D	11/29/2023	TRITIUM		33.1		806	pCi/mL
CTA003D	11/29/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	0.41	ug/L
CTA003D	11/29/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CTA003D	11/29/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CTA003D	11/29/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
CTA003D	11/29/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CTA003D	11/29/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
CTA004D	11/29/2023	TRITIUM		2.01	J	1.1	pCi/mL
CTA004D	11/29/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
CTA004D	11/29/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CTA004D	11/29/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
CTA004D	11/29/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
CTA004D	11/29/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
CTA004D	11/29/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
FMT 01	11/30/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
FMT 01	11/30/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
FMT 01	11/30/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
FMT 01	11/30/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
FMT 01	11/30/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
FMT 01	11/30/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
FMT 01	11/30/2023	TRITIUM		3.28		16.4	pCi/mL
FMT 01	5/8/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
FMT 01	5/8/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		1	ug/L
FMT 01	5/8/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
FMT 01	5/8/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
FMT 01	5/8/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		1	ug/L
FMT 01	5/8/2024	TRITIUM		1.448		9.81	pCi/mL
FMT 02	11/30/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
FMT 02	11/30/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
FMT 02	11/30/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
FMT 02	11/30/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
FMT 02	11/30/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
FMT 02	11/30/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
FMT 02	11/30/2023	TRITIUM		1.60		7.42	pCi/mL
FMT 02	5/8/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
FMT 02	5/8/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
FMT 02	5/8/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
FMT 02	5/8/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
FMT 02	5/8/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		1	ug/L
FMT 02	5/8/2024	TRITIUM		1.431		9.54	pCi/mL
TL 01	11/20/2023	TRITIUM		2.08	J	1.55	pCi/mL
TL 01	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
TL 01	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	ETHYLENE	10.0	25.0	U	25	ug/L
TL 01	11/20/2023	TRITIUM		3.12	J	1.83	pCi/mL
TL 01	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
TL 01	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
TL 01	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
TL 01	5/8/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
TL 01	5/8/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		0.4	ug/L
TL 01	5/8/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
TL 01	5/8/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
TL 01	5/8/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		1	ug/L
TL 01	5/8/2024	TRITIUM		0.659		0.792	pCi/mL
TL 02	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
TL 02	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	J	0.71	ug/L
TL 02	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 02	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
TL 02	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		2.64	ug/L
TL 02	11/20/2023	ETHYLENE	10.0	25.0	U	25	ug/L
TL 03	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
TL 03	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 03	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 03	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
TL 03	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
TL 03	11/20/2023	ETHYLENE	10.0	25.0	U	25	ug/L
TL 03	11/20/2023	TRITIUM		3.64		28.3	pCi/mL
TL 03	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
TL 03	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 03	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 03	11/20/2023	1,2-DICHLOROETHYLENE	0.667	2.00	U	2	ug/L
TL 03	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Unit**
TL 03	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
TL 03	5/8/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0		1	ug/L
TL 03	5/8/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0		1	ug/L
TL 03	5/8/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0		1	ug/L
TL 03	5/8/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0		1	ug/L
TL 03	5/8/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0		1	ug/L
TL 03	5/8/2024	TRITIUM		1.97		20.7	pCi/mL
TL 04	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
TL 04	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 04	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 04	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	1	ug/L
TL 04	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00	U	1	ug/L
TL 04	11/20/2023	ETHYLENE	10.0	25.0	U	25	ug/L
TL 05	11/20/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	1	ug/L
TL 05	11/20/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.00		1.54	ug/L
TL 05	11/20/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	1	ug/L
TL 05	11/20/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	J	0.36	ug/L
TL 05	11/20/2023	TRICHLOROETHYLENE (TCE)	0.333	1.00		2.63	ug/L
TL 05	11/20/2023	ETHYLENE	10.0	25.0	U	25	ug/L

Table F-3 CAGW OU Water Elevations							
Station	Date	Reference Elevation (ft-amsl)	Depth to Water (ft-TOC)	Water Elevation (ft-amsl)	Dry? Y / N	UTM EAST NAD83 17N	UTM NORTH NAD83 17N
CCSL-21R	11/21/2023	155.68			Y	435809.48	3677391.85
CCSL-21R	5/7/2024	155.68			Y	435809.48	3677391.85
CCSL-22R	11/21/2023	157.45			Y	435934.31	3677416.60
CCSL-22R	5/7/2024	157.45			Y	435934.31	3677416.60
CCSL-23R	11/15/2023	158.31	3.70	154.61	N	436044.67	3677540.24
CCSL-23R	5/6/2024	158.31	2.66	155.65	N	436044.67	3677540.24
CCSL-08	11/15/2023	157.40	0.00	157.40	N	436102.64	3677621.09
CCSL-08	5/6/2024	157.40	0.10	157.30	N	436102.64	3677621.09
CCSL-11	11/15/2023	158.60	1.31	157.29	N	436092.75	3677597.94
CCSL-11	5/6/2024	158.60	1.15	157.45	N	436092.75	3677597.94
CCSL-14	11/15/2023	157.80	0.90	156.90	N	436072.99	3677571.89
CCSL-14	5/6/2024	157.80	0.93	156.87	N	436072.99	3677571.89
CDB 1	11/21/2023	289.00	78.20	210.80	N	436891.52	3679183.04
CDB 2	11/21/2023	288.80	78.30	210.50	N	436892.62	3679146.42
CDB003D	11/21/2023	288.77	79.80	208.97	N	436898.64	3679125.05
CRP 5C	11/13/2023	277.30	83.60	193.70	N	436423.19	3679226.93
CRP 5D	11/13/2023	276.90	71.00	205.90	N	436417.64	3679227.97
CRP 6DR	11/13/2023	263.90	60.10	203.80	N	436337.70	3679080.22
CRP 8D	11/13/2023	248.70	45.90	202.80	N	436194.19	3679103.49
CRW 1A	11/27/2023	293.89	125.90	167.99	N	437361.30	3679424.09
CRW 1A	5/7/2024	293.89	120.95	172.94	N	437361.30	3679424.09
CRW 1D	11/27/2023	293.89	77.00	216.89	N	437361.30	3679424.09
CRW 1D	5/7/2024	293.89	75.93	217.96	N	437361.30	3679424.09

Table F-3 CAGW OU Water Elevations							
Station	Date	Reference Elevation (ft-amsl)	Depth to Water (ft-TOC)	Water Elevation (ft-amsl)	Dry? Y / N	UTM EAST NAD83 17N	UTM NORTH NAD83 17N
CRW 4A	11/27/2023	293.95	130.60	163.35	N	436740.39	3679154.14
CRW 4C	11/27/2023	293.95	96.81	197.14	N	436740.39	3679154.14
CRW 4D	11/27/2023	293.95	86.59	207.36	N	436740.39	3679154.14
CRW 5A	11/21/2023	285.93	123.29	162.64	N	436850.58	3678978.59
CRW 5D	11/21/2023	285.93	78.63	207.30	N	436850.58	3678978.59
CRW 7A	11/21/2023	273.98	110.21	163.77	N	436645.48	3678578.16
CRW 7D	11/21/2023	273.98	74.20	199.78	N	436645.48	3678578.16
CRW 9A	11/21/2023	278.01	120.72	157.29	N	436168.43	3678660.97
CRW 10A	11/14/2023	248.99	91.68	157.31	N	435922.54	3678926.48
CRW 10C	11/14/2023	248.99	63.84	185.15	N	435922.54	3678926.48
CRW010CU	11/14/2023	248.83	62.08	186.75	N	435923.10	3678923.49
CRW 11A	11/28/2023	222.81	61.92	160.89	N	436431.33	3677971.92
CRW 13A	11/27/2023	200.87	44.66	156.21	N	436040.77	3677683.47
CRW 14A	11/27/2023	170.10	18.63	151.47	N	435176.22	3678602.55
CRW 15A	11/27/2023	214.18	63.22	150.96	N	435284.99	3678092.83
CRW015B	11/27/2023	214.13	51.63	162.50	N	435283.78	3678095.58
CRW 15C	11/27/2023	214.18	52.55	161.63	N	435284.99	3678092.83
CRW 15D	11/27/2023	214.18	37.90	176.28	N	435284.99	3678092.83
CRW 16D	11/27/2023	168.59	4.79	163.80	N	435448.95	3677352.86
CRW020D	11/27/2023	289.39	77.58	211.81	N	436999.47	3679125.15
CRW021DR	11/27/2023	288.10	77.58	210.52	N	437019.56	3679133.41
CRW022D	11/27/2023	286.48	77.48	209.00	N	437018.06	3678967.18
CRW023C	11/15/2023	200.36	26.24	174.12	N	436133.71	3677799.52

Table F-3 CAGW OU Water Elevations							
Station	**Date**	**Reference Elevation (ft-amsl)**	**Depth to Water (ft-TOC)**	**Water Elevation (ft-amsl)**	**Dry? Y / N**	**UTM EAST NAD83 17N**	**UTM NORTH NAD83 17N**
CRW023C	5/6/2024	200.36	26.44	173.92	N	436133.71	3677799.52
CRW024C	11/15/2023	217.41	40.04	177.37	N	436128.42	3677872.57
CRW024C	5/6/2024	217.41	39.41	178.00	N	436128.42	3677872.57
CRW025C	11/15/2023	180.44	12.93	167.51	N	436122.99	3677708.86
CRW025C	5/6/2024	180.44	12.61	167.83	N	436122.99	3677708.86
CRW026C	11/15/2023	176.95	8.22	168.73	N	436148.98	3677742.48
CRW026C	5/6/2024	176.95	9.01	167.94	N	436148.98	3677742.48
CRW027C	11/15/2023	177.41	6.27	171.14	N	436159.53	3677764.95
CRW027C	5/6/2024	177.41	6.02	171.39	N	436159.53	3677764.95
CRW028C	11/15/2023	180.44	5.68	174.76	N	436177.65	3677806.77
CRW028C	5/6/2024	180.44	6.29	174.15	N	436177.65	3677806.77
CRW029C	11/15/2023	215.67	38.20	177.47	N	436120.20	3677659.88
CRW029C	5/6/2024	215.67	38.76	176.91	N	436120.20	3677659.88
CRW030C	11/15/2023	199.36	25.90	173.46	N	436115.28	3677574.84
CRW030C	5/6/2024	199.36	25.60	173.76	N	436115.28	3677574.84
CSB 3C	11/27/2023	283.58	81.80	201.78	N	436583.96	3679052.73
CSB 9D	11/27/2023	279.18	74.00	205.18	N	436624.99	3678948.04
CSB011B	11/27/2023	276.98	104.30	172.68	N	436161.08	3678661.17
CSB011C	11/27/2023	277.39	91.70	185.69	N	436171.57	3678661.18
CSB 11D	11/27/2023	277.41	79.20	198.21	N	436164.92	3678661.34
CSB 12D	11/27/2023	168.60	13.15	155.45	N	435173.23	3678601.32
CSB013B	11/27/2023	199.60	34.80	164.80	N	435407.24	3678386.22
CSB 13D	11/27/2023	200.23	31.30	168.93	N	435406.16	3678389.31

Table F-3 CAGW OU Water Elevations							
Station	**Date**	**Reference Elevation (ft-amsl)**	**Depth to Water (ft-TOC)**	**Water Elevation (ft-amsl)**	**Dry? Y / N**	**UTM EAST NAD83 17N**	**UTM NORTH NAD83 17N**
CSB015B	11/28/2023	199.86	29.70	170.16	N	436038.61	3677676.65
CSB 15D	11/15/2023	202.80	29.40	173.40	N	436039.43	3677680.30
CSB 15D	5/6/2024	202.80	29.37	173.43	N	436039.43	3677680.30
CSB017B	11/28/2023	288.40	91.42	196.98	N	436799.05	3679068.74
CSB017D	11/28/2023	288.72	81.60	207.12	N	436795.59	3679074.20
CSB019B	11/28/2023	254.37	78.65	175.72	N	435705.00	3678214.45
CSB019C	11/28/2023	254.94	71.10	183.84	N	435703.89	3678210.63
CSB020B	11/28/2023	218.74	45.20	173.54	N	435995.82	3677873.26
CSB020C	11/15/2023	218.95	39.70	179.25	N	435999.23	3677874.02
CSB020C	5/6/2024	218.95	40.71	178.24	N	435999.23	3677874.02
CSB020D	11/28/2023	219.24	41.10	178.14	N	436002.70	3677874.86
CSB021D	11/28/2023	233.78	46.20	187.58	N	435767.92	3678451.58
CSL001	11/29/2023	159.92	0.00	159.92	N	436090.89	3677597.27
CSL002	11/29/2023	152.07	4.93	147.14	N	435076.81	3678020.64
CTA003D	11/29/2023	286.16	75.66	210.50	N	436949.83	3679235.37
CTA004D	11/29/2023	288.26	77.29	210.97	N	436980.04	3679265.92