Savannah River NUCLEAR SOLUTIONS℠

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

July 2022 through June 2023

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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
SCDHEC	South Carolina Department of Health and Environmental Control
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

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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 Health and Environmental Control (SCDHEC) 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 fourth 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 2022 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 2022-23 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 2022 (4Q22) CRGW OU TCE plume is depicted in Figure 2, because more C-Area stations were sampled in 4Q22 than in the second calendar quarter of 2023 (2Q23).

In December 2016, the USDOE, USEPA, and SCDHEC 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.

2.1 Removal Action Characterization, Objectives, and Implementation

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 Boundary and Monitoring Network

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). 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 CAGW OU 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, there are 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 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 resulted 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 2022, SRS received 106.05 centimeters (cm) (41.75 inches [in]) of rainfall, based on data from the C-Area rain gauge. In 2023, C-Area has received 84.46 cm (33.25 in) of rainfall from January 1 to June 30, 2023, based on data from the C-Area rain gauge. This is significantly higher 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 2022 to June 2023 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 4Q22 TCE concentrations depicted and includes all the CAGW OU monitoring stations. Appendix E contains the potentiometric surface maps for the various aquifers for the 4Q22 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; and sampling of the CAGW OU NTC RA monitoring network began in November 2019. The sampling 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 4Q22 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 then 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 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, 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. In 2022, 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 2022. In 2023, 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 2023.

3.1.2 CAGW OU Groundwater Monitoring Network

The CAGW OU monitoring network includes an additional 62 monitoring stations (48 wells, 4 seepline stations, and 10 surface water stations) (Figure 7), which were sampled annually for VOC and tritium analyses in 2022. In 2023, 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 2022 are 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, but since then they had a decreasing trend to 63.5 m (208.27 ft) amsl at CDB003D in November 2022 (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 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). Since June 2020 water elevations have been decreasing, with the June 2023 MAZ water elevations ranging between 51.9 m (170.13 ft) amsl at CSB 15D and 54.3 m (178.05 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 are 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 may also be observed 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 are expected to be observed over a 3- to 5-year period. Microbial counts, especially of anaerobic bacteria, are 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
- trans-1,2-DCE
- TCE

- PCE
- total petroleum hydrocarbons (TPH)*
- 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 4Q22 and 2Q23. 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 all CAGW OU NTC RA primary effectiveness monitoring stations had increasing TCE concentrations in June 2023 (Figure 10a and Figure 10b). Only TCE and tritium exceeded MCLs in groundwater samples collected during the 4Q22 and 2Q23 sampling periods (Appendix A).

Appendix D consists of plume maps showing TCE concentrations in groundwater and surface water for 4Q22, 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 2022-2023 generally continued long-term decreasing trends. In 2Q23, at wells CRW020D and CRW021DR, TCE groundwater concentrations (86.5 µg/L and 31.8 µg/L, respectively) indicate the former source area is now below 100 µg/L near the C-Area Reactor Building (105-C) in the UAZ of the UTRA (Figure 10c). In 2Q23, CSB 15D and CSB020C groundwater TCE concentrations (37.6 µg/L and 40.2 µg/L, respectively) exceeded the TCE MCL (5 µg/L) (Figure 10b). Background wells CSB 15D and CSB020C are located at the distal portion of the plume 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 10b 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 and 2023 average calculations for TCE concentrations within the RA areas, in order 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 4Q22, the maximum TCE

result was 49.5 µg/L at well CSB 15D for the 18 CAGW OU NTC RA effectiveness monitoring stations. In 2Q23, the maximum TCE result was 42.5 µg/L at well CRW027C for the 20 CAGW OU NTC RA effectiveness monitoring stations.

At primary groundwater monitoring well CRW024C, TCE concentrations have decreased but remain above the MCL with a 2Q23 detection of 9.18 µg/L (Figure 10a). At background wells CSB 15D and CSB020C, the 4Q22 and 2Q23 maximum groundwater concentrations exceed the MCL (5 µg/L), and the groundwater TCE concentrations slightly increased in 4Q22 and 2Q23 (Figure 11). Monitoring well CRW023C initially had decreasing TCE groundwater concentrations in 4Q22 but increasing concentrations in 2Q23 (Figure 10a). TCE sample concentrations exceeded the MCL at 13 of the 20 monitoring stations during the 4Q22-2Q23 sampling period, including the newly installed well CRW029C. All three surface water stations (CCT-01, CCT-02 and CCT-03) in the unnamed tributary had TCE concentrations exceeding the MCL, and in 2Q23 all three stations had increasing TCE concentrations compared to 2Q22 (Figure 10b). 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 4Q22 and 2Q23, CAGW OU NTC RA monitoring wells CSB 15D and CRW027C had the highest TCE groundwater concentrations (49.5 µg/L and 42.5 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 2Q23

(Figure 10a). Down-gradient wells CRW026C, CRW027C, CRW028C, CRW029C and CRW030C had increasing groundwater TCE concentrations in June 2023 (Figure 10a).

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 12). Since 2Q22, the average TCE concentration has increased to 20.31 µg/L (165% increase) in 2Q23 for the seven primary groundwater monitoring wells (CRW023C, CRW024C, CRW026C, CRW027C, CRW028C, CRW029C, and CRW030C), and indicating the BioBarriers are no longer effective (Figure 12). In comparison, the two background wells, CSB 15D and CSB020C decreased to a 31.35 µg/L average TCE concentration in 2Q22, down from the June 2019 baseline average of 33.6 µg/L, about a 6.7% decrease, but then increased to a 38.9 µg/L average TCE concentration in 2Q23, about a 24% increase.

In 2Q22, the difference in TCE reduction between the primary groundwater monitoring wells and the background monitoring wells is an indication 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, decay), which occur during TCE transport in the subsurface. In 2Q23, 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 7.33 µg/L to 8.97 µg/L in June 2023, and overall slightly higher TCE concentrations

than in 4Q22 (Figure 10b). Comparing the June 2019 average TCE concentration (7.80 µg/L) for the tributary stations (CCT-01, CCT-02, and CCT-03) to the June 2023 average TCE concentration (7.79 µg/L) for the same three stations indicates reduction of TCE concentrations in the tributary were only temporary (Figure 12).

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 0.67 µg/L to 1.04 µg/L in June 2023. Monitoring stations CC-05 and CC-07 had slightly lower TCE concentrations in 2Q23 relative to the June 2022 TCE concentrations, but all three 2Q23 sample results are below the MCL (Figure 11).

Surface water data are tabulated in Appendix A, and the November 2022 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 4Q22, for the 20 CAGW OU NTC RA effectiveness monitoring stations, the maximum PCE result was 0.70 µg/L at new well CRW029C. In 2Q23, for the 20 CAGW OU NTC RA effectiveness monitoring stations, the maximum PCE result was 0.40 µg/L at background wells CSB 15D and CSB020C. In 4Q22 and 2Q23, 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 June 2023, cis-1,2-DCE was detected in three CAGW OU NTC RA monitoring wells (CRW026C, CRW027C and CRW028C), 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 2.20 µg/L in the CWR026C 2Q23 sample. 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. 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 13) (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 4Q22 and 2Q23 cis-1,2-DCE data are tabulated in Appendix A.

3.4.1.4 Vinyl Chloride

During the 4Q22 and 2Q23 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 2Q23, 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 4Q22 sampling period, ethylene was not detected at any CAGW OU NTC RA monitoring stations. During the 2Q23 sampling period, ethylene was detected between 1.1 µg/L and 1.4 µg/L in the five wells down-gradient of the injection areas (CRW026C, CRW027C,

CRW028C, CRW029C, and CRW030C) and one up-gradient well (CSB020C) (Figure 14). 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 or no 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 4Q22 and 2Q23 the MDL was 0.24 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. 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 4Q22 and 2Q23 (2,000 µg/L and 1,200 µg/L, respectively) in the post RA samples. All the CRW023C and CRW026C baseline samples were below the detection limits for methane (Figure 15 and Figure 16). 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. In 4Q22, new well CRW030C had concentrations of methane (8.70 µg/L) above the PQL (5.0 µg/L), but concentrations were below detection in 2Q23. The presence of methane above 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 4Q22 and 2Q23 sampling periods, methane was detected (29.0 and to 24.0 µg/L, respectively) in the post-RA samples at surface water station CCT-01, which is down-gradient of CRW026C and receives more groundwater from the MAZ than CCT-02 and CCT-03. 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.

During the 4Q22 to 2Q23 sampling period, a large variation in methane concentrations has been observed at seepline station CCSL-23R. Methane concentrations at CCSL-23R increased from a minimum of 6.20 µg/L in October 2018 to 133 µg/L in June 2021, but methane concentrations have declined to 10.2 µg/L in November 2021 and below detection in June 2022. CCSL-23R is the farthest seepline station from the CAGW OU NTC RA areas, so it is likely the variation in methane is 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. 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. 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 15 and Figure 16). 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 10a). 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 15 and Figure 16). 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. These wells may indicate some portions of the injection areas are 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. 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 15 and Figure 16), approaching baseline conditions. 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 17). In late-2020, TOC groundwater concentrations increased to 3.652 mg/L at CRW026C and remained elevated until a decrease in June 2023 (Figure 17). Elevated TOC concentrations at CRW026C promotes anaerobic conditions in the subsurface, and the TOC concentrations correlate to methane concentrations in CRW026C (Figure 16 and Figure 17). 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 18). 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 19). The elevated TOC concentrations were most likely from the oil injections but have returned to baseline conditions in 2022 and 2023.

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 wells and seepline 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 20-31. For the five primary wells (CRW023C, CRW024C, CRW026C, CRW027C, and CRW028C) the microbial activities are depicted in Figures 32-36. 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. 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 27 and Figure 32) followed by decreasing microbial activity in 4Q22 and 2Q23 (Figure 30 and Figure 31). Dehalobacter, sulfate reducing bacteria, desulfitobacterium, and methanogens are the most abundant anaerobic microbes observed at CRW026C (Figure 32), and these microbes are capable of reductive dechlorination (Holliger 1998 and Islam 2021), but they decreased in 4Q22 and 4Q23. *Dehalococcoides* had a slight increase in microbial activity at CRW026C in December

2019 (Figure 32), which coincided with the ethylene increase at CRW026C (Figure 16), 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). 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 37 to 41). In contrast, the background wells (CSB 15D and CSB020C) had lower levels of the aerobic (co)metabolic enzymes (Figure 42 and Figure 43). 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 4).

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 44 and Figure 45a). Though conditions are not optimal throughout the RA areas, in general as DO and ORP decrease and alkalinity and pH increase, anaerobic microbial activity tends to increase (Figure 44 and Figure 45a). ORP and DO remain low in the groundwater at CRW026C, indicating more anaerobic conditions currently exist 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 86.5 µg/L for the 2Q23 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 10c).

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 4Q22 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 (4Q22). The 4Q22 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 2Q23 relative to historic highs but remain above the MCL (Figure 10c.). 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 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 4Q22 relative to historic highs or remain below the MCL. 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 4Q22, TCE was present at concentrations exceeding the MCL (5 µg/L) in 2 wells (CRW 10C and CSB017B) of the 11 CAGW OU monitoring wells screened in the LAZ. In November 2022, the CRW 10C and CSB017B groundwater TCE concentrations were 7.86 µg/L and 5.90 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 4Q22. 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 4Q22, 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 45b). 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 4Q22 and 2Q23, 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 0.46 µg/L in June 2023, 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 4Q22 and 2Q23.

3.4.2.2 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 the CAGW OU monitoring network, the maximum 4Q22 PCE groundwater concentration was 1.92 µg/L from monitoring well CRW 10C. In 2Q23, the maximum PCE result was 1.09 µg/L at monitoring well CRW021DR. The 4Q22 and 2Q23 PCE results (1.92 µg/L and 1.09 µg/L) are below the MCL. CRW021DR monitors the portion of the CAGW OU VOC plume immediately down-gradient of the TCE Source Area (Figure 2). CRW 10C monitors the portion of the CAGW OU VOC plume migrating towards Twin Lakes and FMB (Figure 2). In 4Q22 and 2Q23, all CAGW OU surface water stations monitoring FMB had samples with PCE concentrations below the detection limits. In 4Q22 and 2Q23, all the surface water

monitoring stations on Castor Creek had PCE concentrations below the MDL. The 4Q22 and 2Q23 PCE data are tabulated in Appendix F.

3.4.2.3 Cis-1,2-Dichloroethylene

In 4Q22 and 2Q23, 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 (1.04 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 4Q22 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 4Q22 and 2Q23 cis-1,2-DCE data are tabulated in Appendix F.

3.4.2.4 Vinyl Chloride

During the 2021-2022 sampling period, VC was detected in one of the CAGW OU monitoring stations. The only VC groundwater result (J 0.55 µg/L) above the MDL was at well CRW020D in 2Q23. The 4Q22 and 2Q23 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 46). 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 47). In June 2023, well CRW024C had the highest tritium groundwater concentration (997 picocurie per milliliter [pCi/mL]), which is slightly lower than the 4Q22 concentration (1,080 pCi/mL) at CRW024C. CSB017B had the highest tritium concentration (617 pCi/mL) in 4Q22 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 and CCT-02. The 2Q23 tritium results at CCT-01 and CCT-02 were 226 pCi/mL and 26.2 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 is 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 is an indication of anaerobic biodegradation up-gradient of the wells and surface water stations. Initial TOC concentrations and field measurements (DO, ORP, and pH) indicate reduced oxygen conditions favorable for anaerobic biodegradation of TCE existed in some areas near CRW026C. In recent sampling, 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 4Q22 and 2Q23, anaerobic microbial activity was limited to well CRW026C, indicating a decreasing aerial extent outside of the injection zone. In 4Q22 and 2Q23, increases in groundwater TCE concentrations have been observed at most downgradient wells (CRW023C, CRW024C, CRW025C, CRW026C, CRW027C and CRW028C). In 4Q22 and 2Q23, 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 June 2023, the average TCE concentration for the MAZ wells in or downgradient of the treatment zone increased by about 165%, 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 June 2023. However, average TCE concentrations in background wells have only increased by about 24% over the same time period. The greater increase of TCE in the MAZ wells in 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. Groundwater monitoring will continue one more year according to the approved EMP. 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.

The next CAGW OU NTC RA EMR is scheduled for September 2024 (Table 1) and will discuss data collected in the second half of 2023 and the first half of 2024.

5.0 REFERENCES

Atashgahi, 2017. *Geochemical Parameters and Reductive Dechlorination Determine Aerobic Cometabolic vs Aerobic Metabolic Vinyl Chloride Biodegradation at Oxic/Anoxic Interface Hyphoric Zones*, Siavash Atashgahi, et al., Environmental Science & Technology, 2017, 51, 3, 1626−1634, December 22, 2016, American Chemical Society

Cafaro, 2004, *Phenol hydroxylase and toluene/o-xylene monooxygenase from Pseudomonas stutzeri OX1: interplay between two enzymes*, Valeria Cafaro, Applied Environmental Microbiology, April 2004, 70(4):2211-9. doi: 10.1128/AEM.70.4.2211-2219.2004. PMID: 15066815; PMCID: PMC383105

Canada, 2017. *Final Screening Assessment for Pseudomonas putida ATCC 12633, Pseudomonas putida ATCC 31483, Pseudomonas putida ATCC 31800, Pseudomonas putida ATCC 700369*, Environment Canada, Health Canada, January 2017, Government of Canada

DOD, 2006. *Protocol for Enhanced In Situ Bioremediation Using Emulsified Edible Oil*, May 2006, Environmental Security Technology Certification Program, U.S Department of Defense

Dolinova, 2017. *Microbial degradation of chloroethenes: a review*, Iva Dolinova, et al., Environmental Science and Pollution Research International, 2017, 24:13262-13283, publication date April 5, 2017, https://doi.org/10.1007/s11356-017-8867-y

Hazen, 2010. *Cometabolic Bioremediation*, Terry Hazen, 2010, Handbook of Hydrocarbon and Lipid Microbiology, DOI 10.1007/978-3-540-77587-4_185, Lawrence Berkeley National Laboratory, Berkeley, CA, USA

Holliger, 1998. Reductive dechlorination in energy metabolism of anaerobic bacteria, Christof Holliger, et al., FEMS Microbiology Reviews 22, 1999, 383-398, 1999 Federation of European Microbiological Societies, Elsevier Science B.V. PII: S0168-6445 (98) 00030-8

Islam, 2021. *Effect of Copresence of Zerovalent Iron and Sulfate Reducing Bacteria on Reductive Dechlorination of Trichloroethylene*, Syful Islam, et al., Environmental Science and Technology, 2021, 55, 4851-4861

Mao, 2017. *Effects of Sulfate Reduction on Trichloroethene Dechlorination by Dehalococcoides-Containing Microbial Communities*, February 2017, Mao X, Polasko A, Alvarez-Cohen L., American Society for Microbiology, Applied and Environmental Microbiology: 83 e03384-16. https://doi.org/10.1128/AEM.03384-16

Morya, 2020. *Burkholderia: An Untapped but Promising Bacterial Genus for the Conversion of Aromatic Compounds*, Raj Morya, et. al., Trends in Biotechnology, Vol. 38, No.9, Pages 963-975, September 2020 https://doi.org/10.1016/j.tibtech.2020.02.008

SRNL, 2020. *Atmospheric Technologies Group Meteorological Monthly Monitoring Report*, December 2019, SRNL-L2200-2020-00001, Savannah River National Laboratory, Battelle Savannah River Nuclear Solutions LLC, Savannah River Site, Aiken, SC

SRNL, 2022. *Atmospheric Technologies Group Meteorological Monthly Monitoring Report*, December 2021, SRNL-L2200-2022-00001, Rev. 0, Battelle Savanah River Alliance, Savannah River National Laboratory, Savannah River Site, Aiken, SC

SRNS, 2018a. *Removal Action Design Plan with Effectiveness Monitoring Plan for the C-Area Groundwater Operable Unit (U),* SRNS-RP-2018-00807, Rev 1, October 2018, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2018b. *Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) for C-Area Groundwater Operable Unit (U),* SRNS-RP-2017-00365, Rev 1, February 2018, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

USAF, 2007. *Protocol for In Situ Bioremediation of Chlorinated Solvents Using Edible Oil*, October 2007, Air Force Center for Engineering and the Environmental, Environmental Science Division Technology Transfer Outreach Office, U.S. Air Force

USDOE, 2018. *Action Memorandum and Responsiveness Summary for the Non-Time Critical Removal Action for the C-Area Groundwater Operable Unit (U),* SEMS Number: 82, IACD-18-150, dated May 18, 2018, Department of Energy Savannah River Operations Office, P.O. Box A, Aiken, South Carolina

Wilson, 2019. Using qPCR Assays to Predict Rates of Cometabolism of TCE in Aerobic Groundwater, John Wilson, et.al., Groundwater Monitoring & Remediation, 39, no. 2, Spring 2019, pages 53-63

WSRC, 2001. *Groundwater Transport Modeling for the Southern TCE and Tritium Plumes for the C-Area Groundwater Operable Unit (U)*, WSRC-TR-2001-00206, Revision 0, June, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2003. *Groundwater Flow and TCE Transport Modeling for the C-Area Burning/Rubble Pit (U)*, WSRC-TR-2003-4066, Revision 0, Westinghouse Savannah River, Savannah River Site, Aiken, SC

WSRC, 2004a. *RCRA Facility Investigation/Remedial Investigation Report for the C-Area Reactor Groundwater (CRGW) Operable Unit (U),* WSRC-RP-2003-4073, Rev 1, May 2004, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2004b. *Interim Action Record of Decision Remedial Alternative Selection for the Remediation of the Trichloroethylene Vadose Zone Source Unit at the C-Reactor Groundwater Operable Unit (U)*. WSRC-RP-2004-4022, Revision 1.0, June 2004, Westinghouse Savannah River Company, Savannah River Site, Aiken, South Carolina

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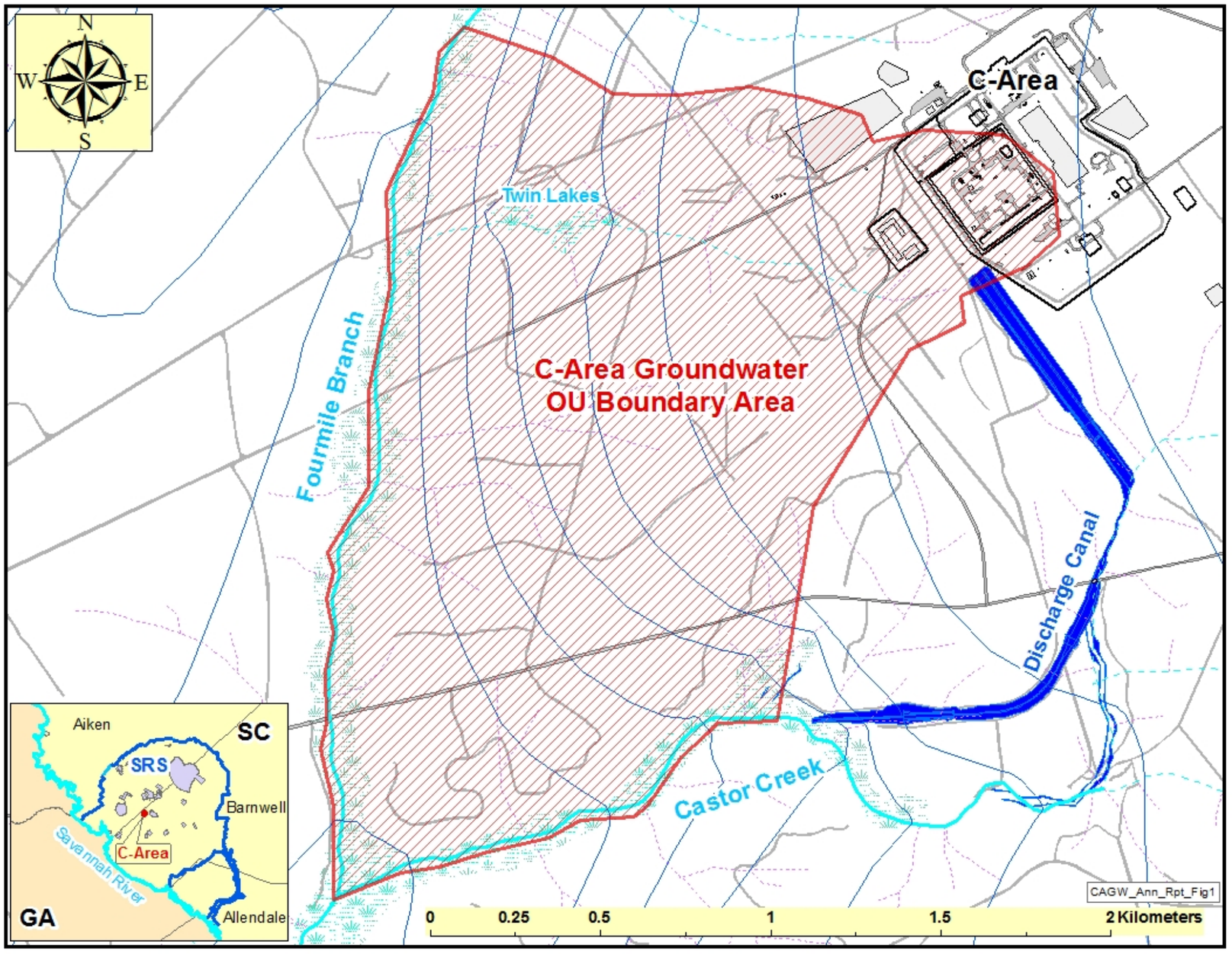

Figure 1. Location of CAGW OU in Relation to the C-Reactor Facilities

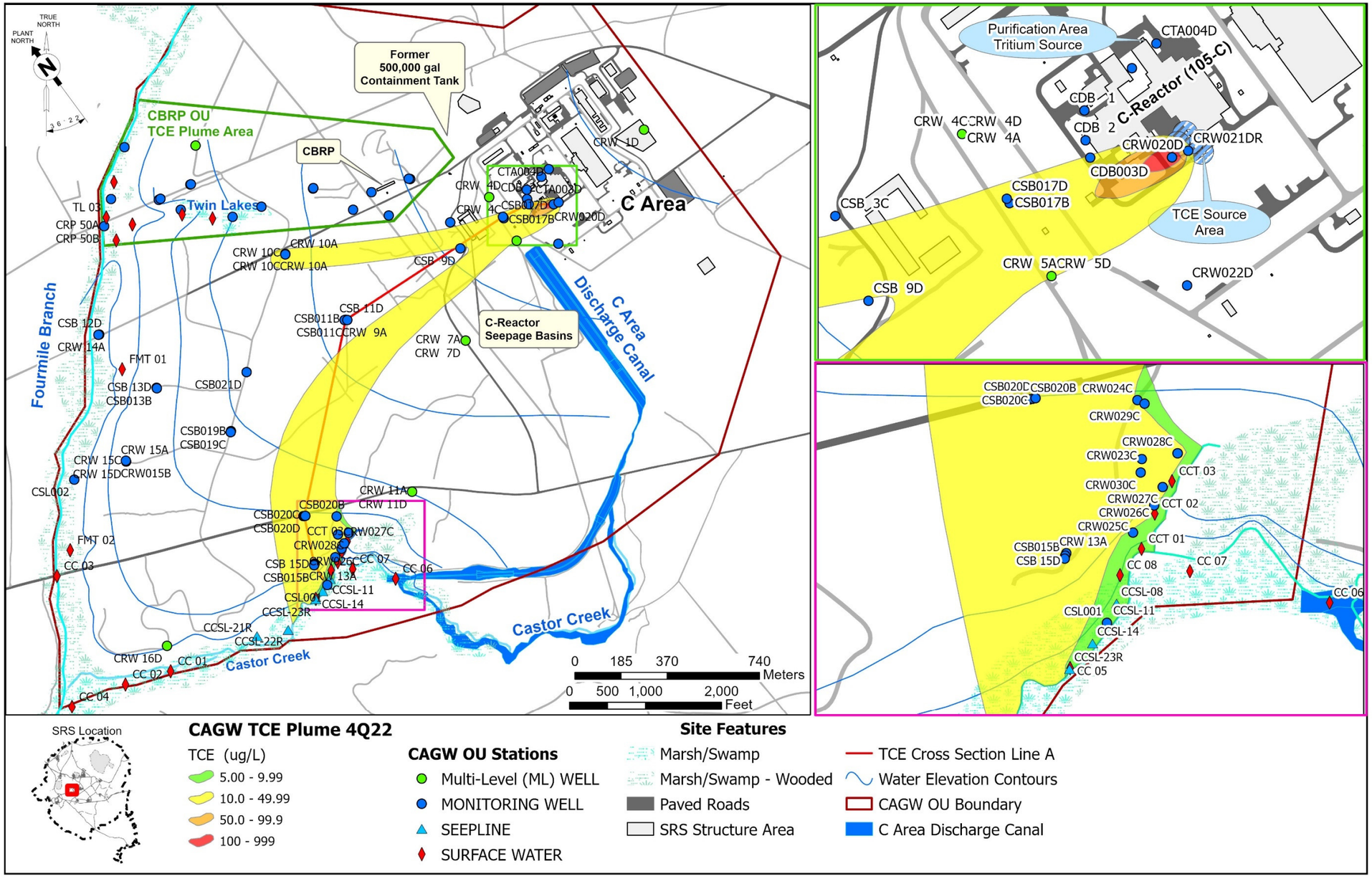

Figure 2. CAGW OU TCE Plume 4Q2022

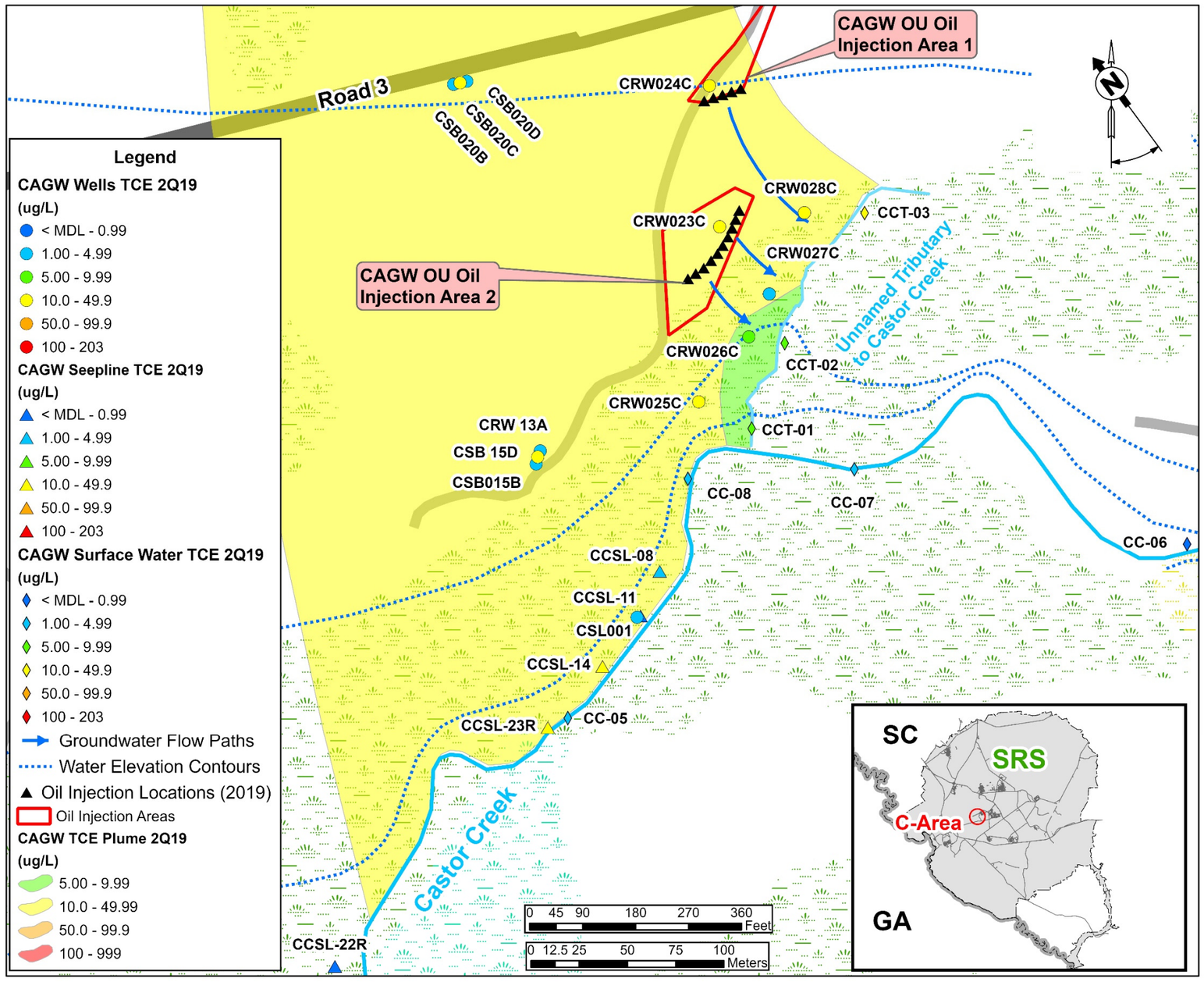

Figure 3. CAGW OU NTC RA Areas (2019 Baseline Conditions)

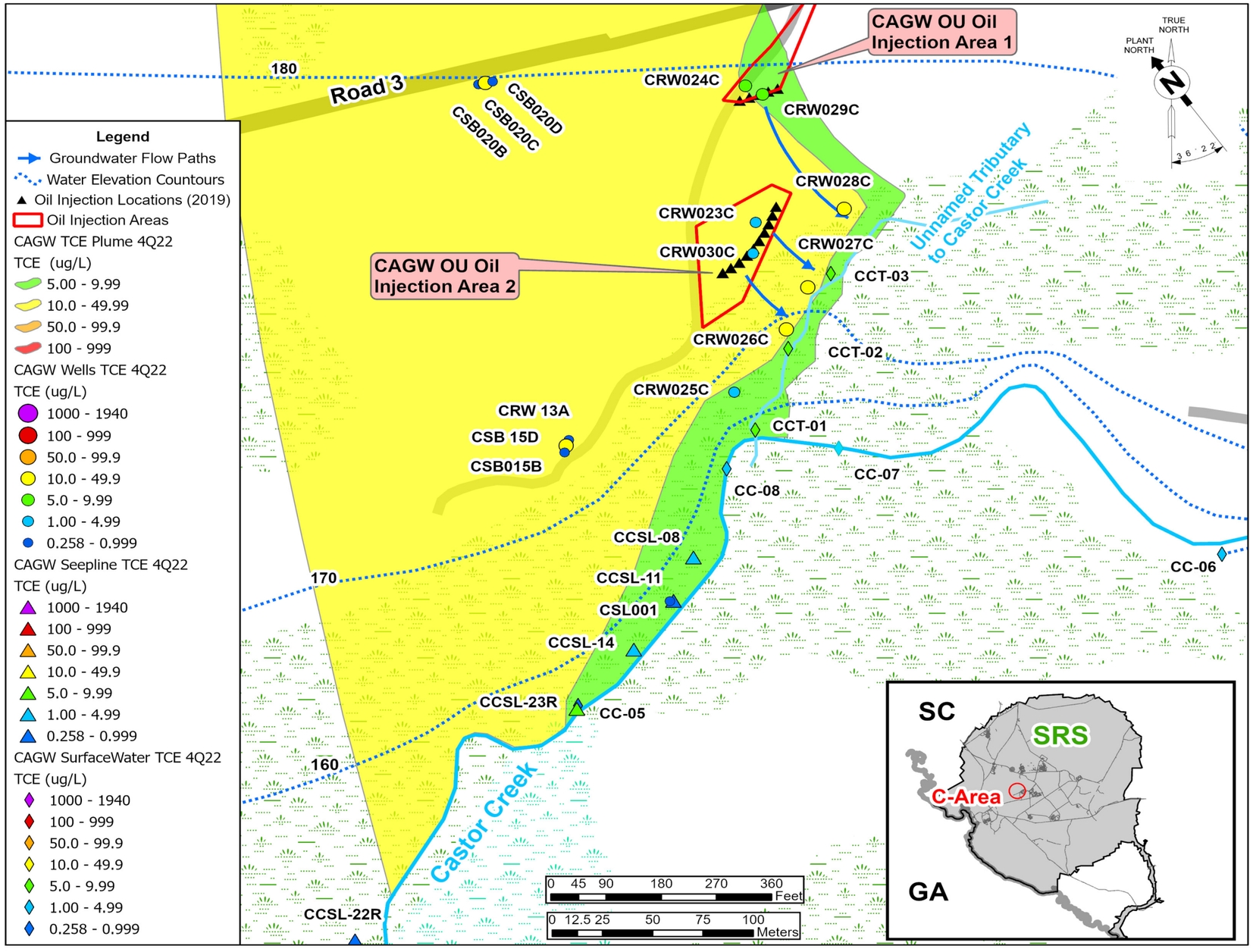

Figure 4. CAGW OU NTC RA Areas (4Q2022)

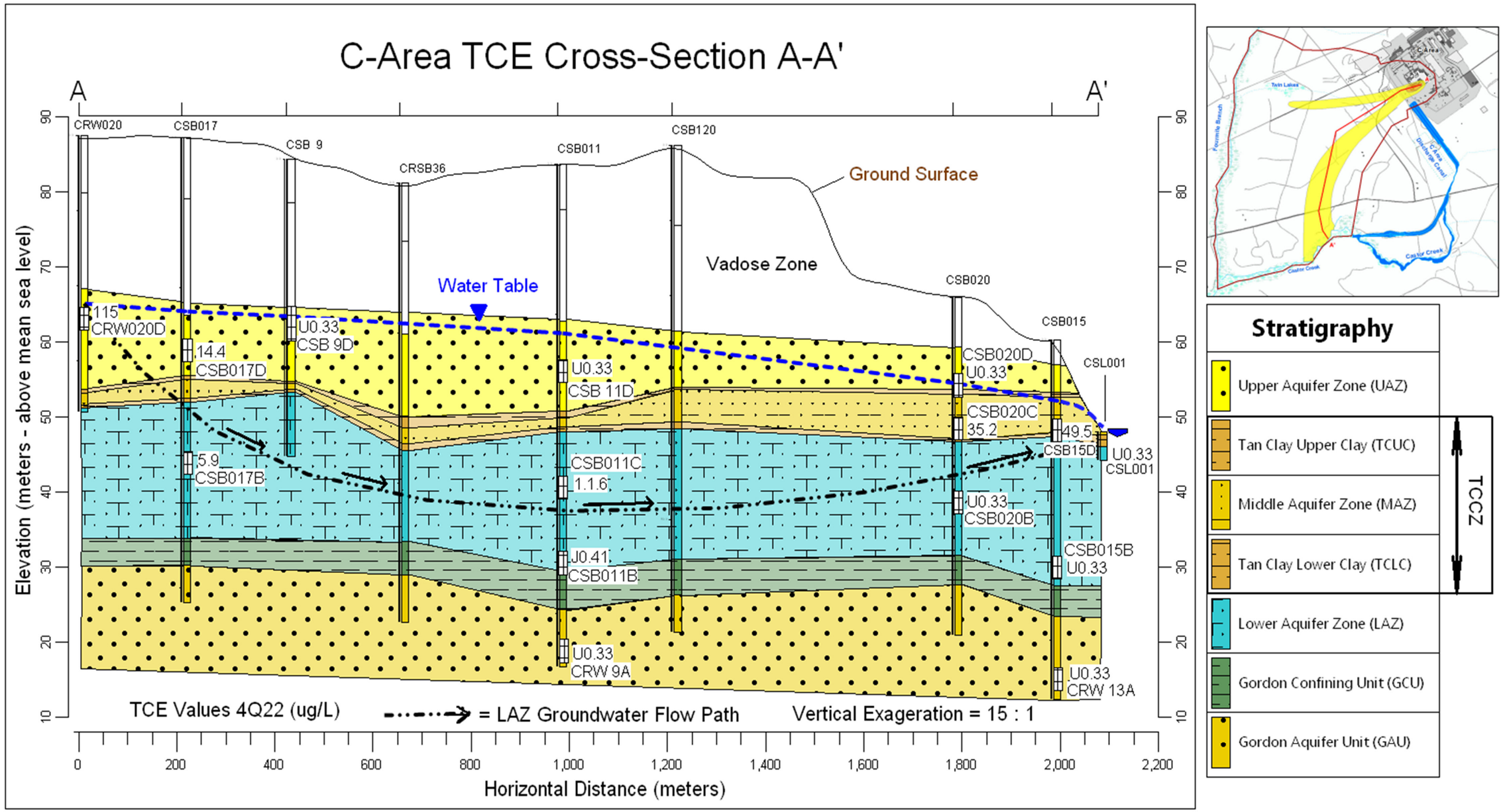

Figure 5. CAGW OU TCE Transport from C-Area to Castor Creek

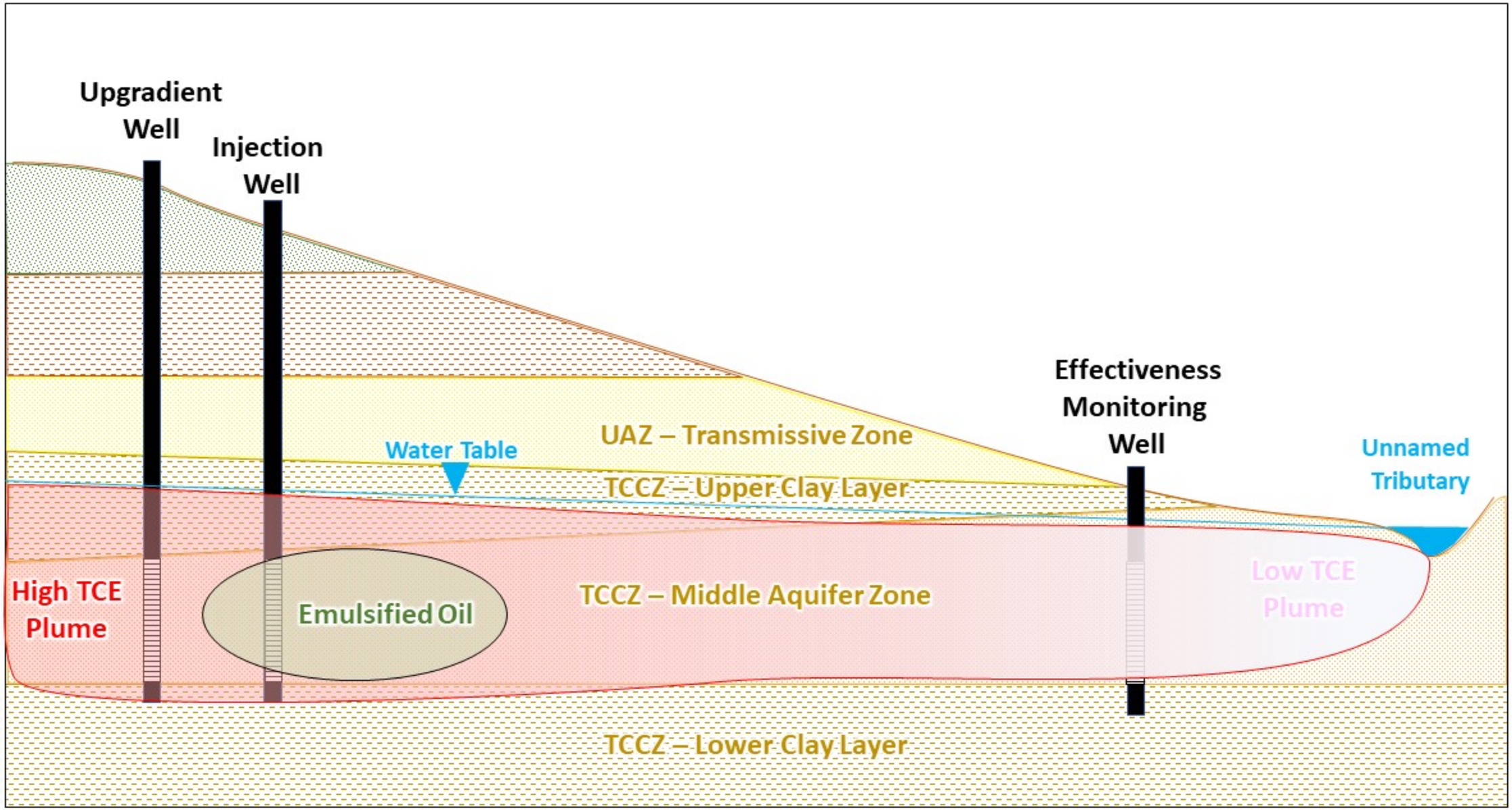

Figure 6. Schematic of Emulsified Oil Treatment Barrier

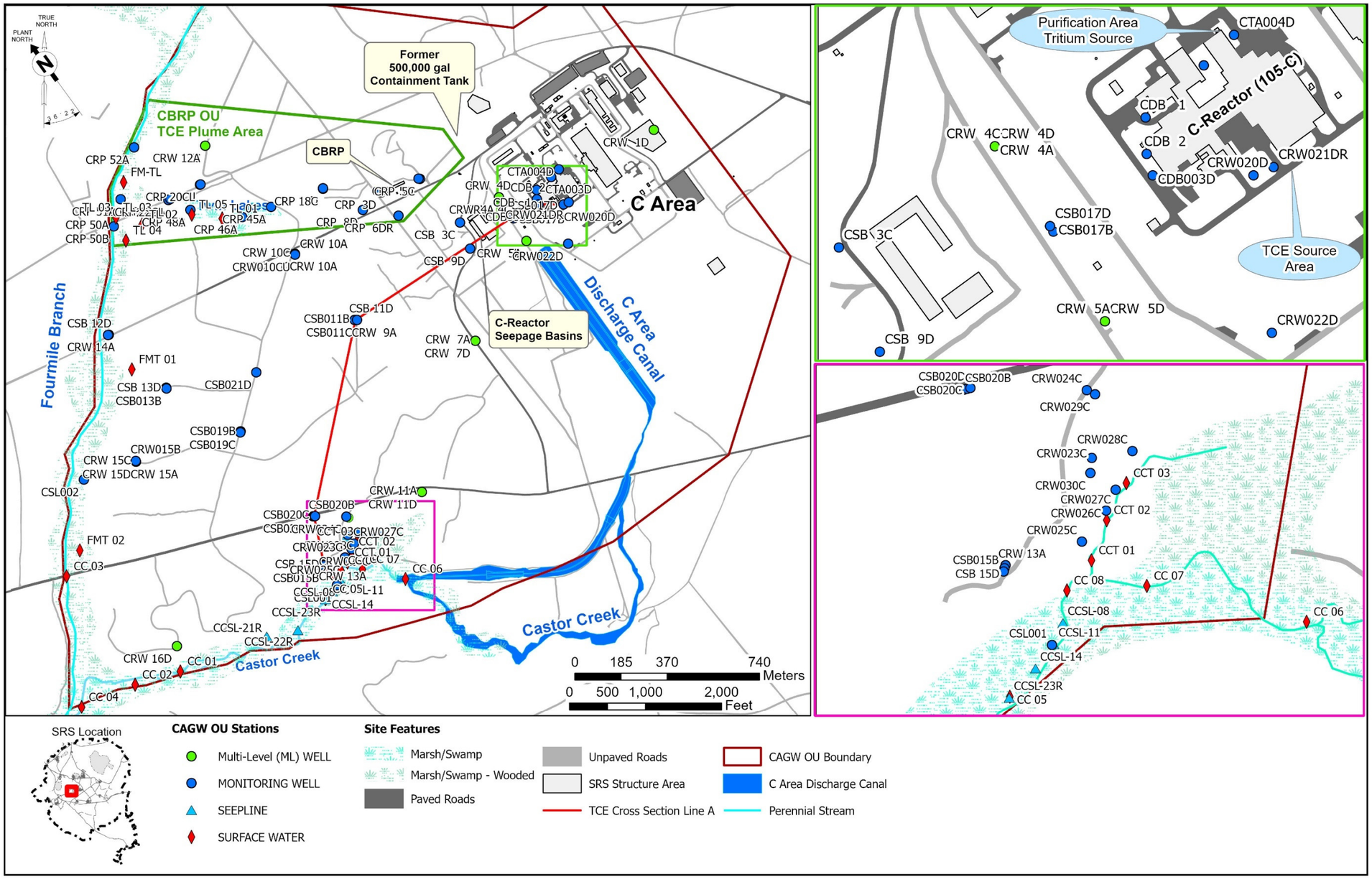

Figure 7. CAGW OU Monitoring Stations

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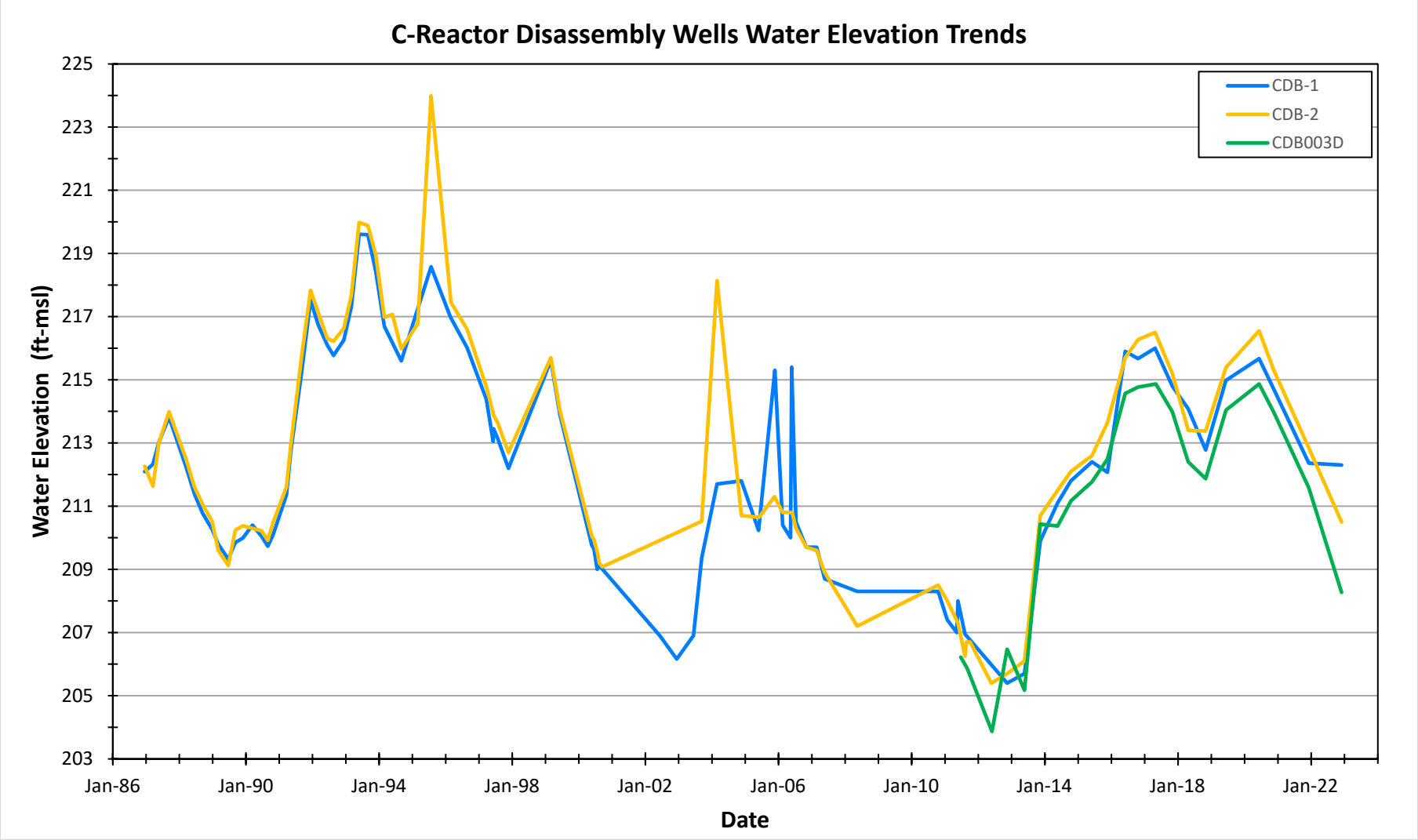

Figure 8. Water Table Trends Near C-Reactor

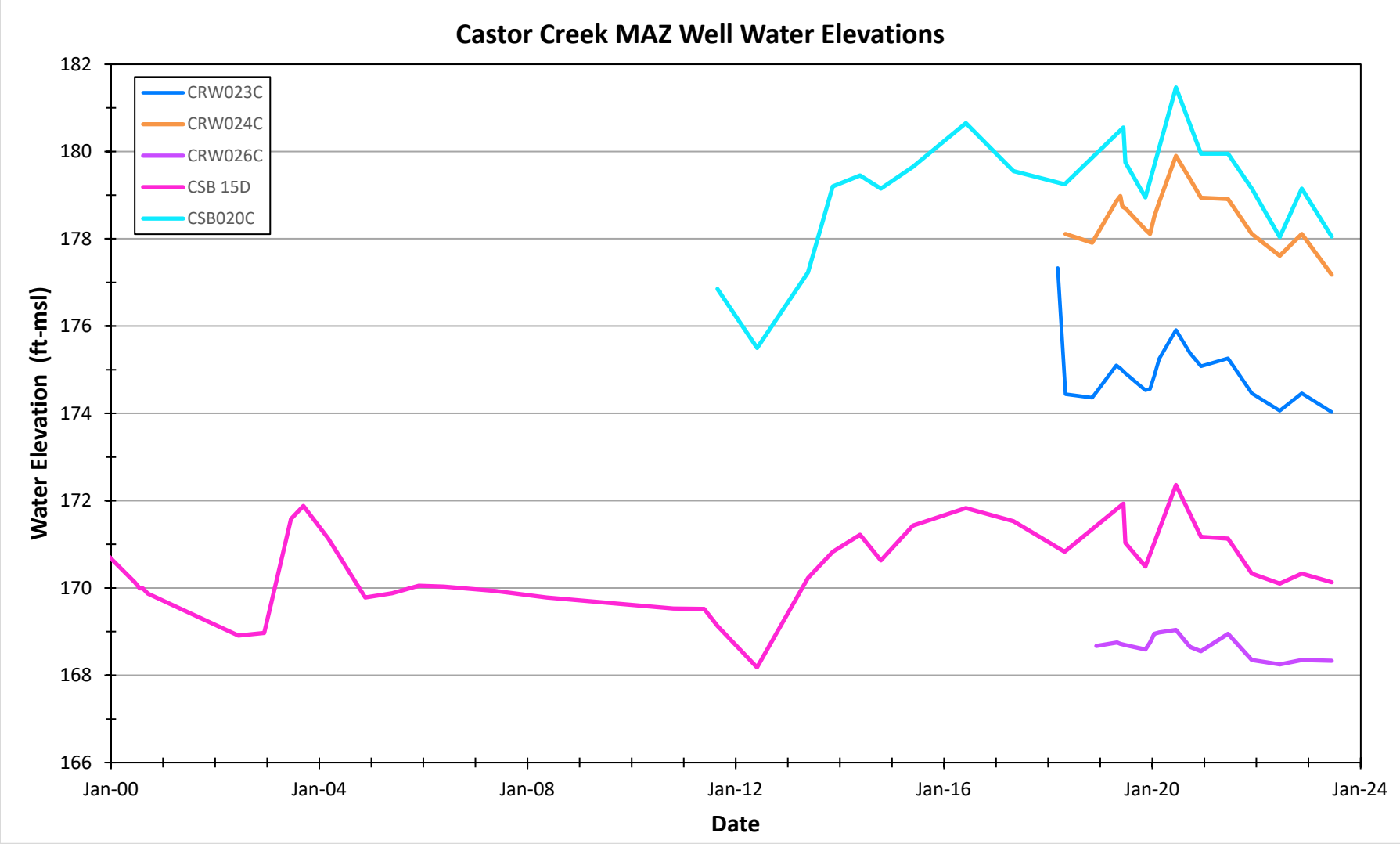

Figure 9. Water Table Trends Near Castor Creek

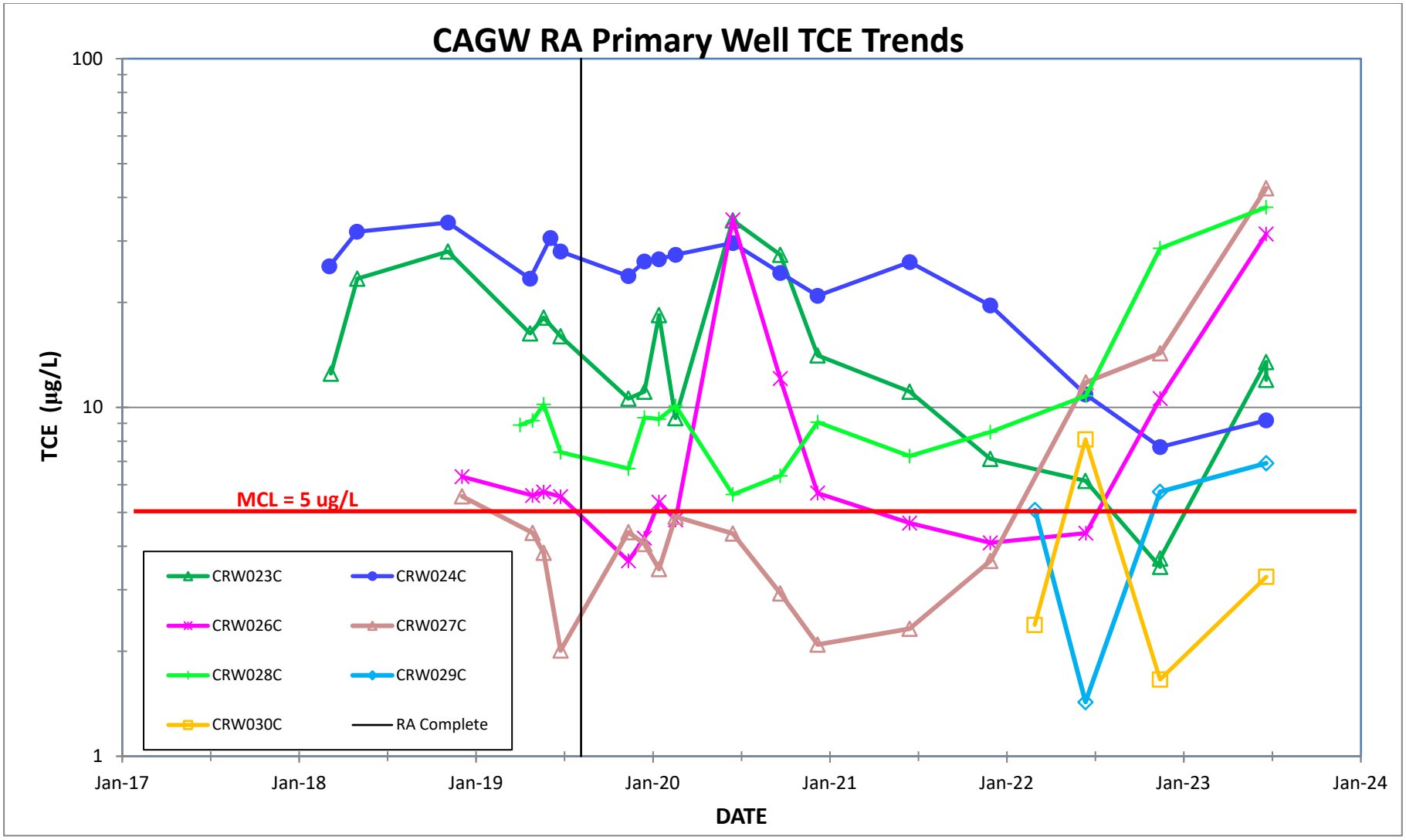

Figure 10a. Groundwater TCE Trends in Primary Wells

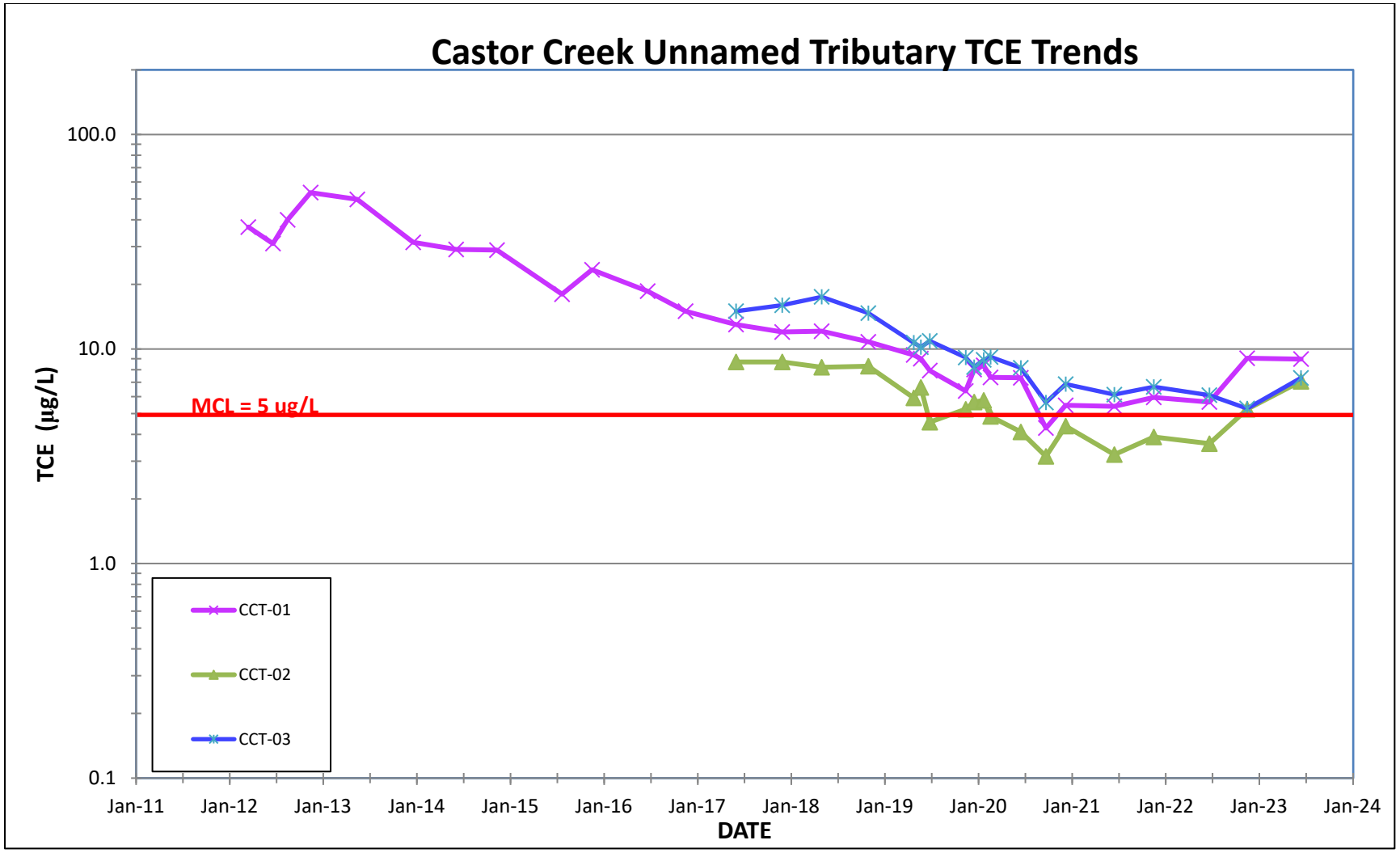

Figure 11b. Castor Creek Tributary Surface Water TCE Trends

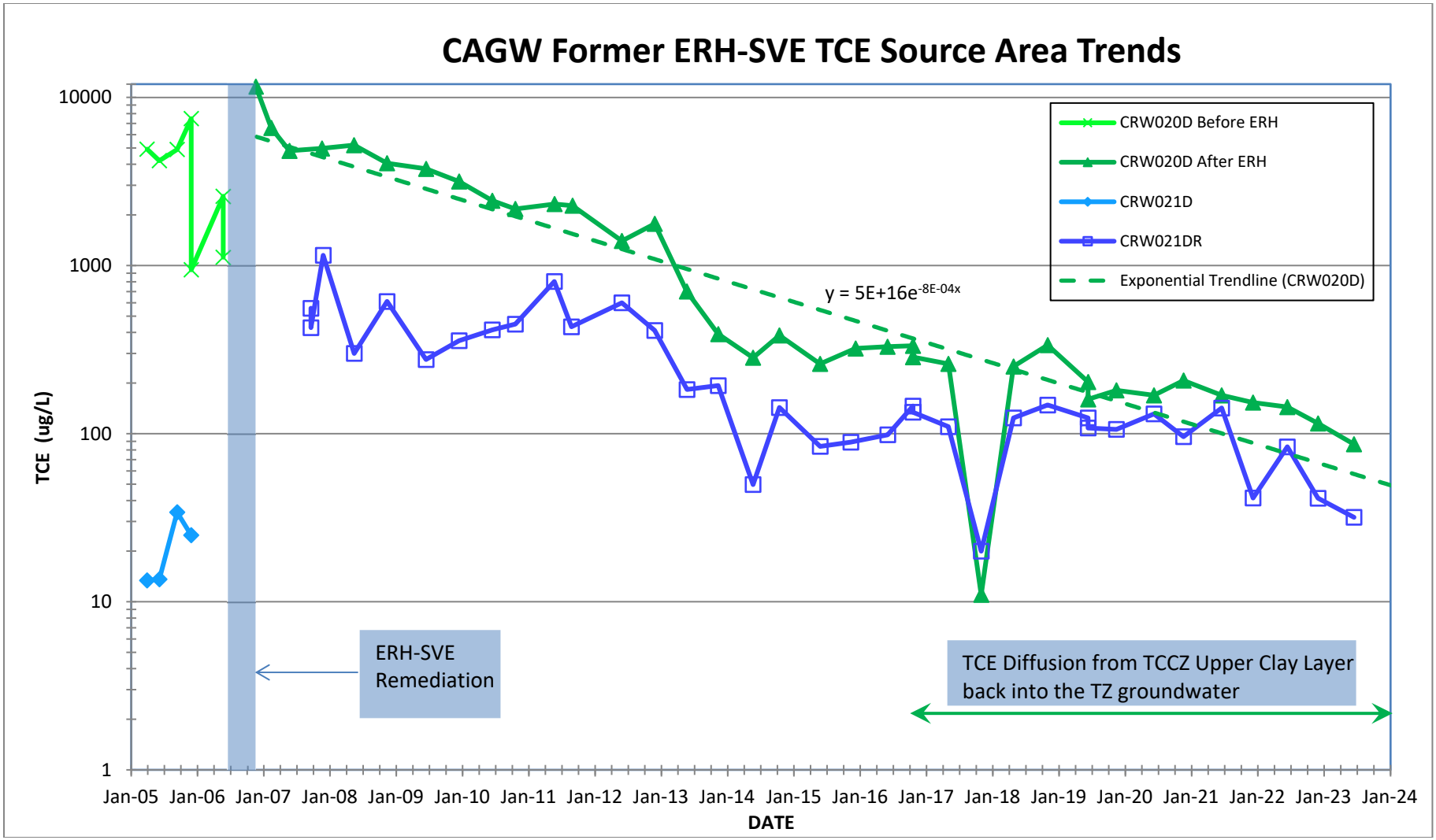

Figure 12c. CAGW OU Former ERH-SVE TCE Source Area Trends

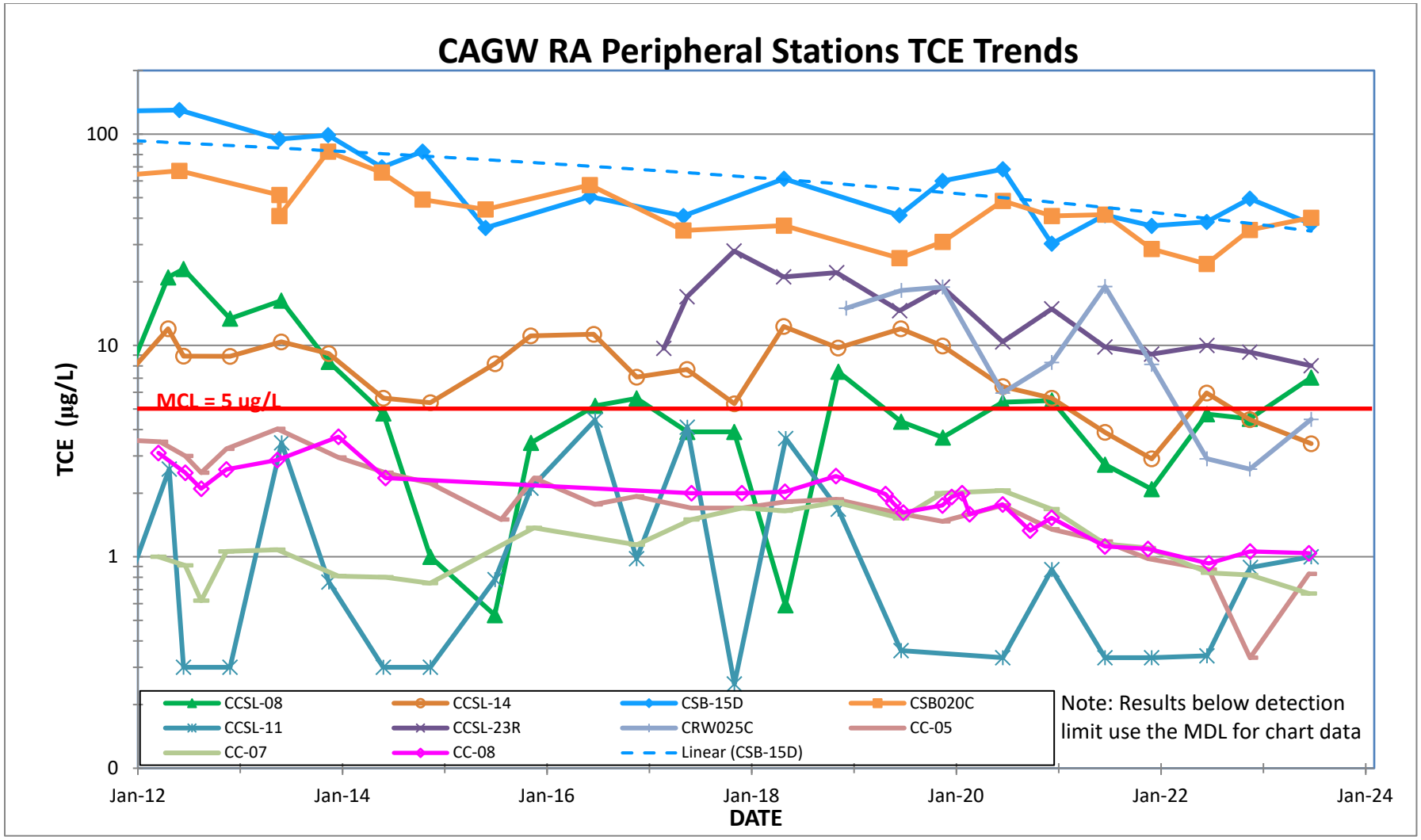

Figure 13. CAGW RA Peripheral Stations TCE Trends

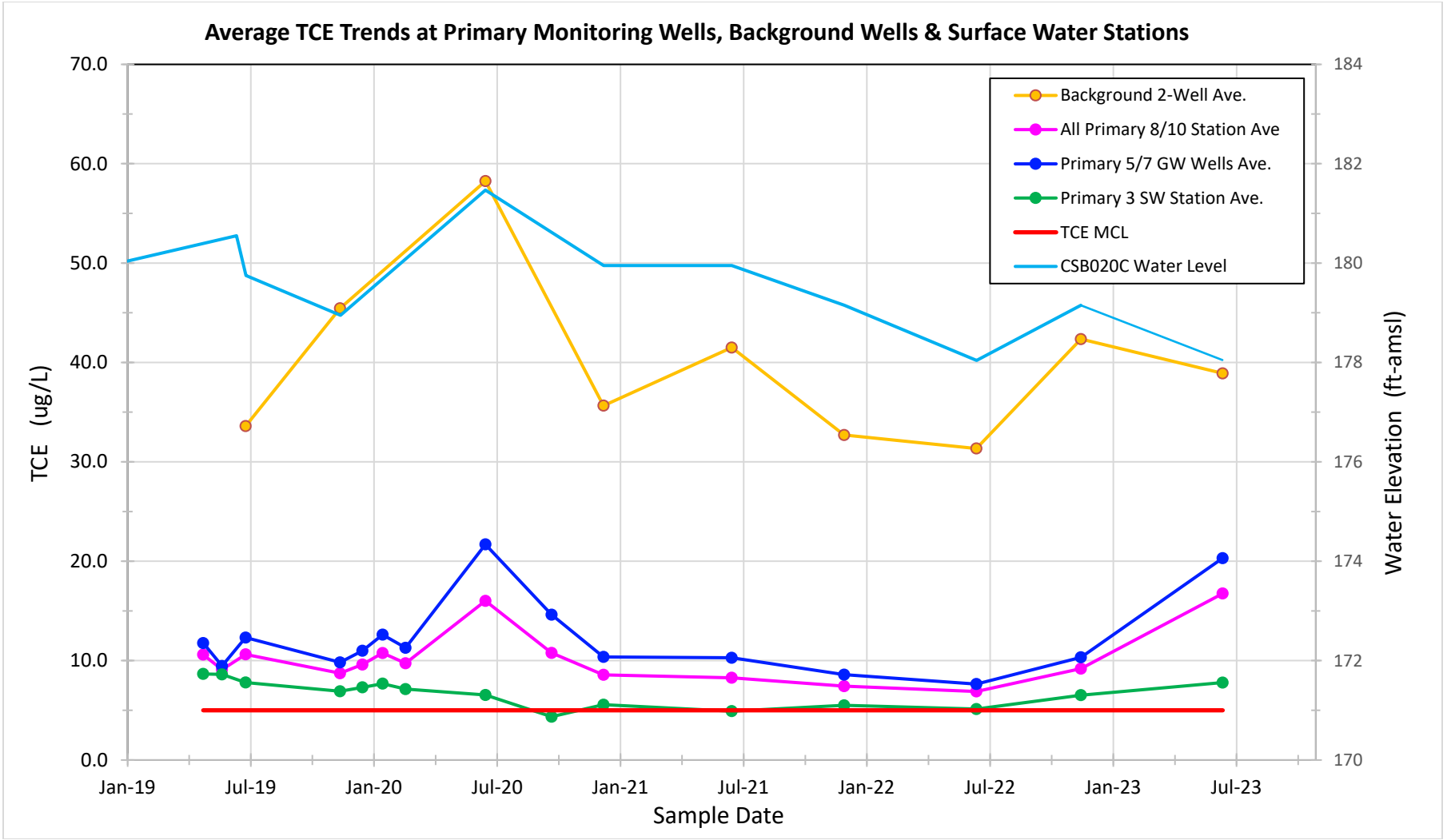

Figure 14. Groundwater and Surface Water TCE Ave. Trends

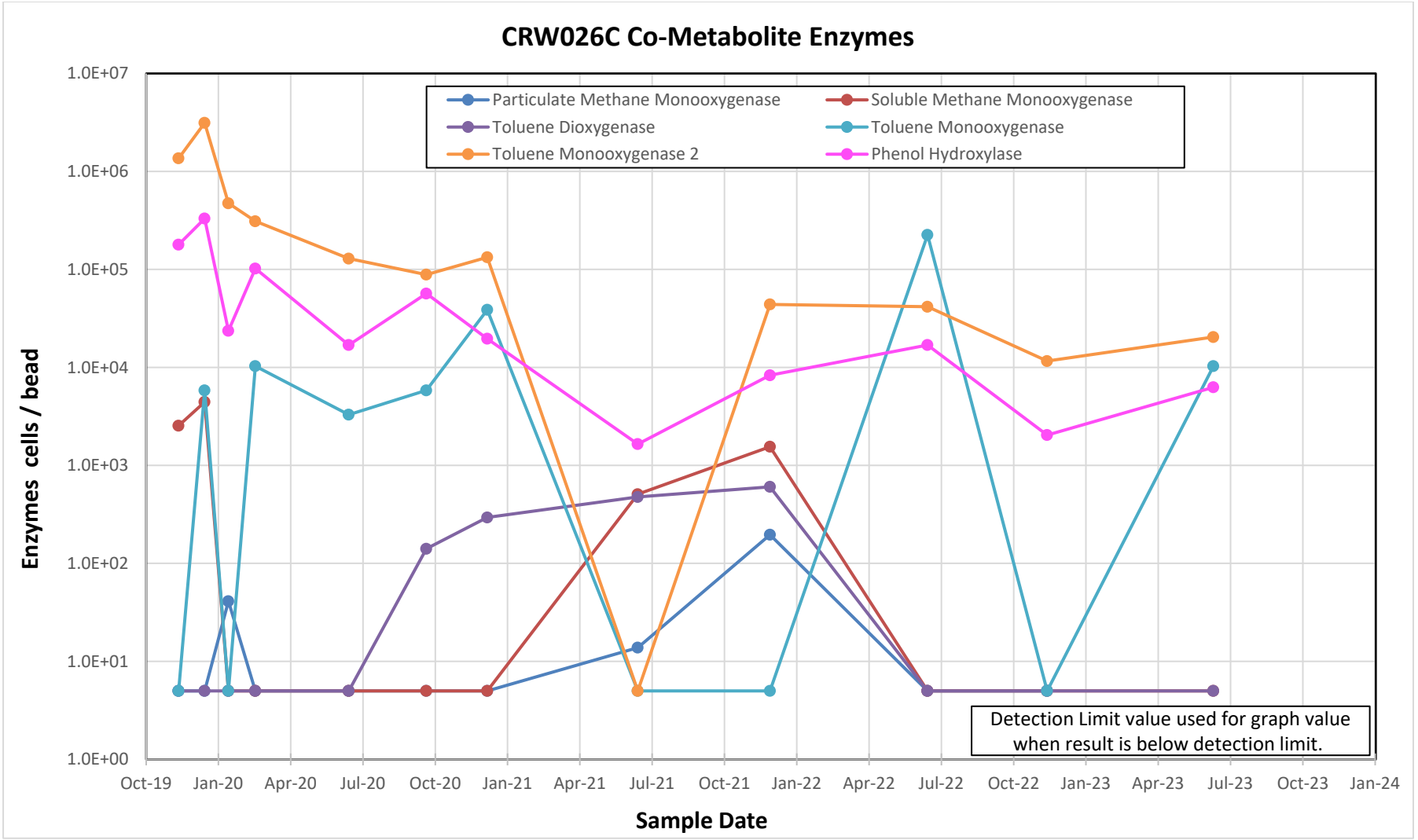

Figure 15. (Co)Metabolic Enzymes in Down-Gradient Well CRW026C

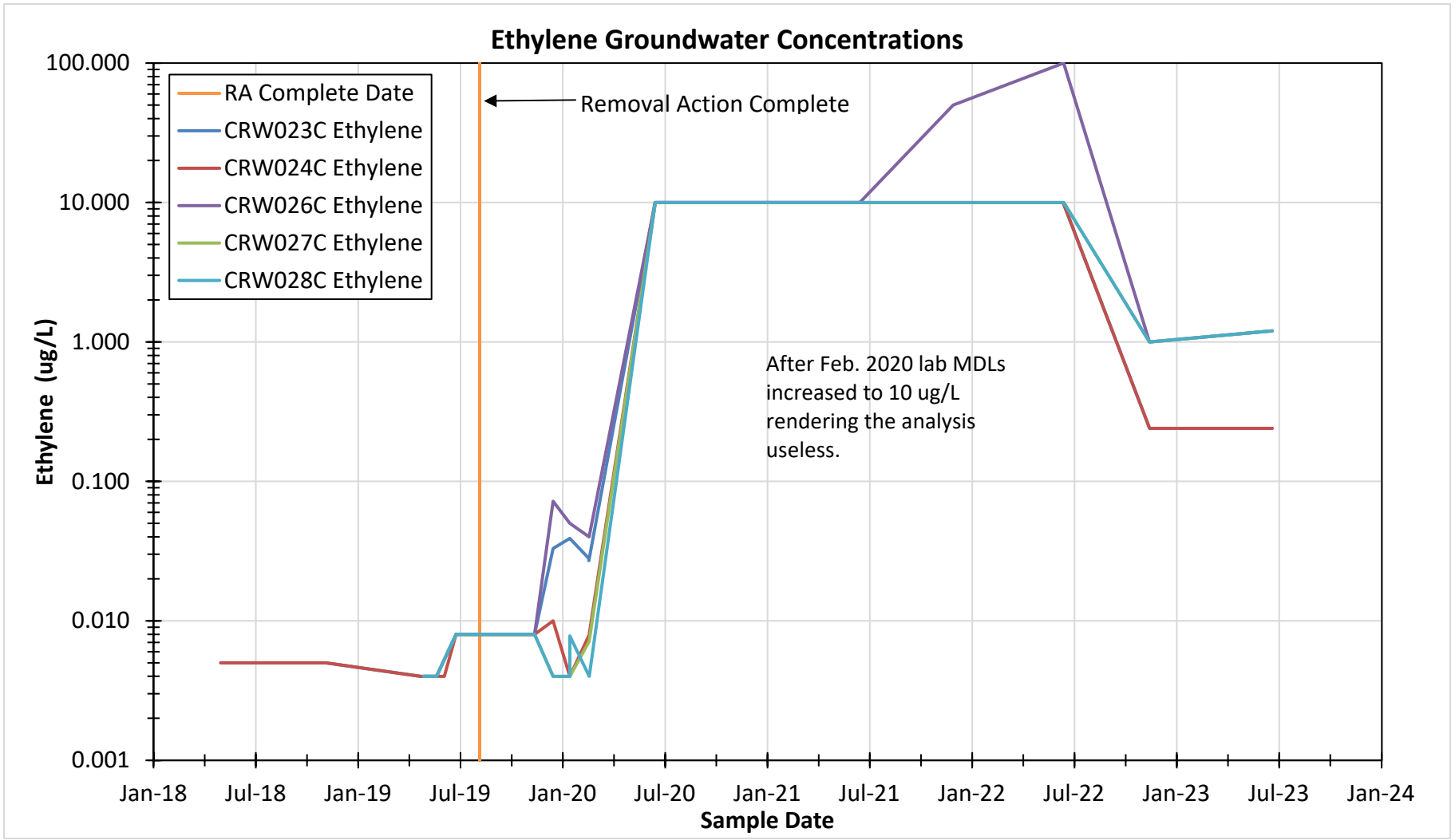

Figure 16. Ethylene Groundwater Trends

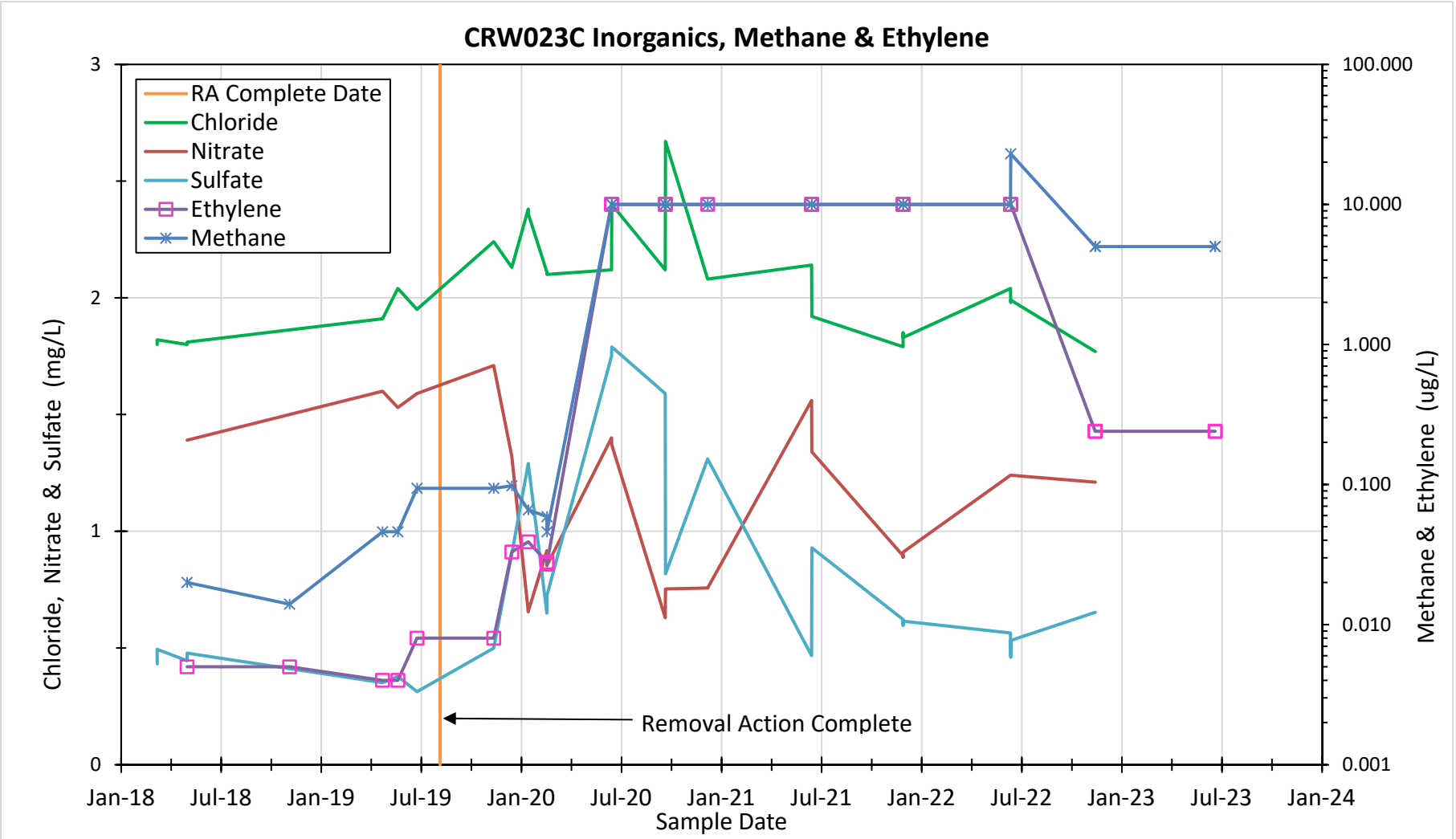

Figure 17. CRW023C Post-RA Groundwater Trends

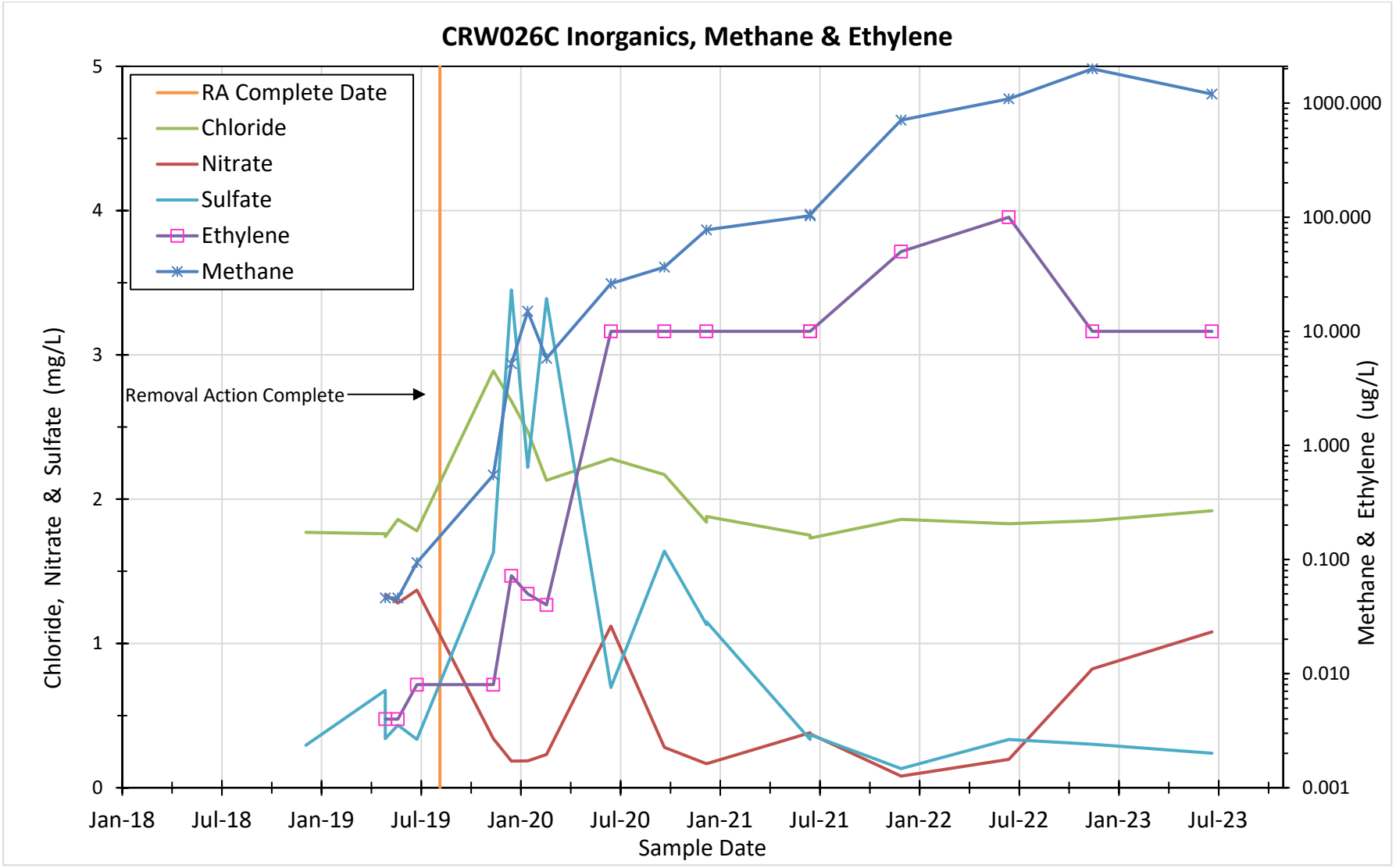

Figure 18. CRW026C Post-RA Groundwater Trends

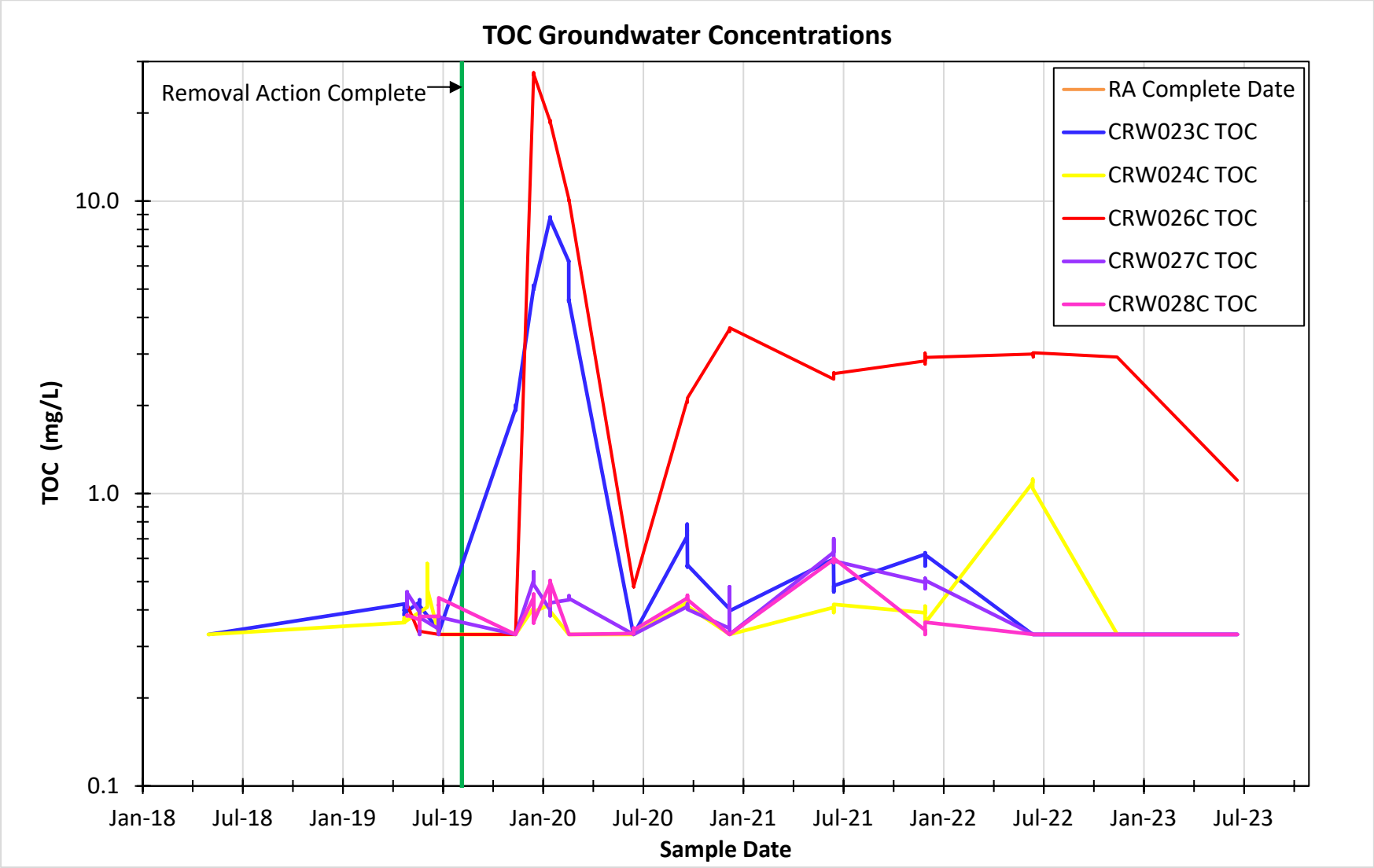

Figure 19. Post-RA TOC Groundwater Trends

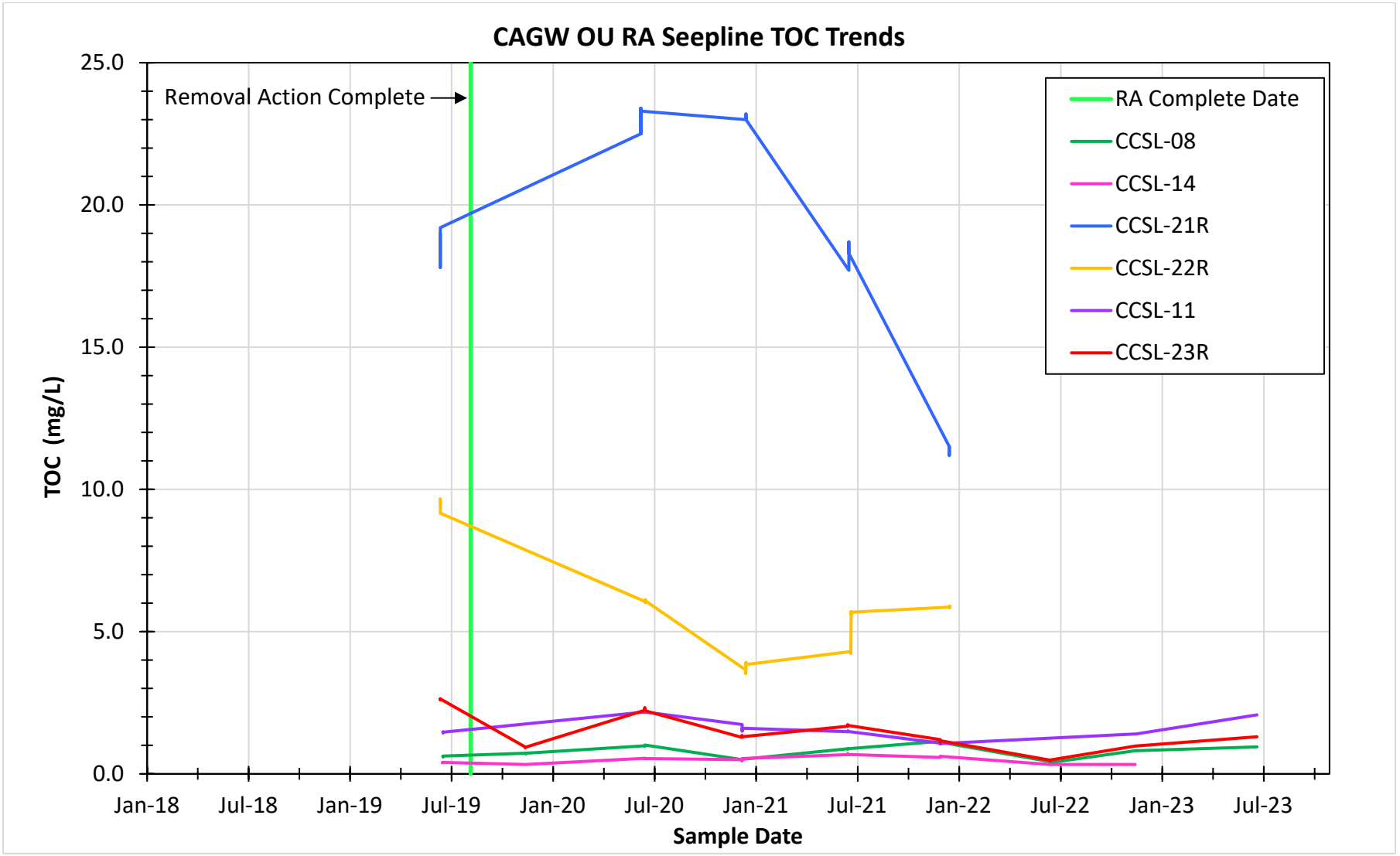

Figure 20. Post-RA Seepline TOC Groundwater Trends

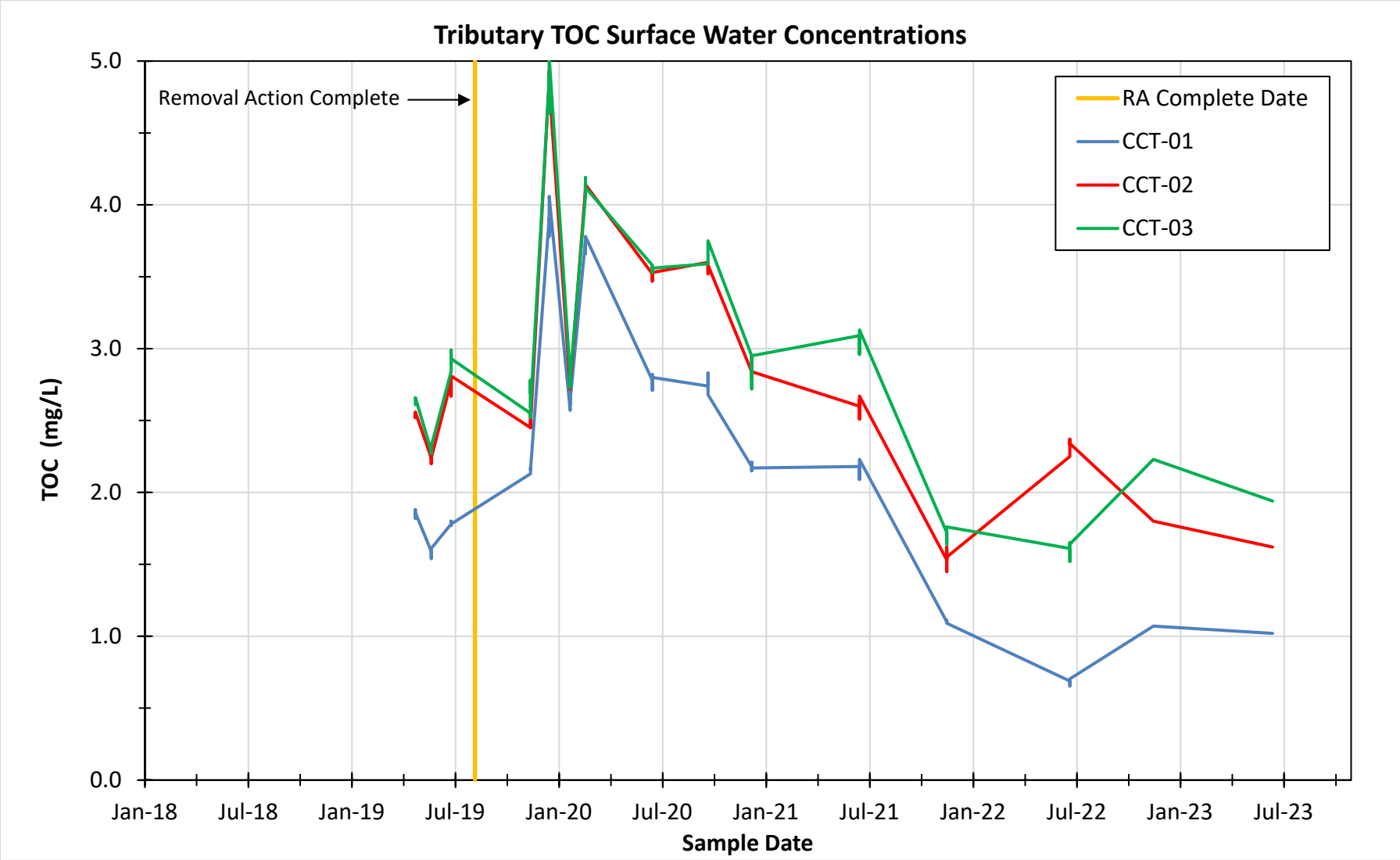

Figure 21. Post-RA Tributary TOC Surface Water Trends

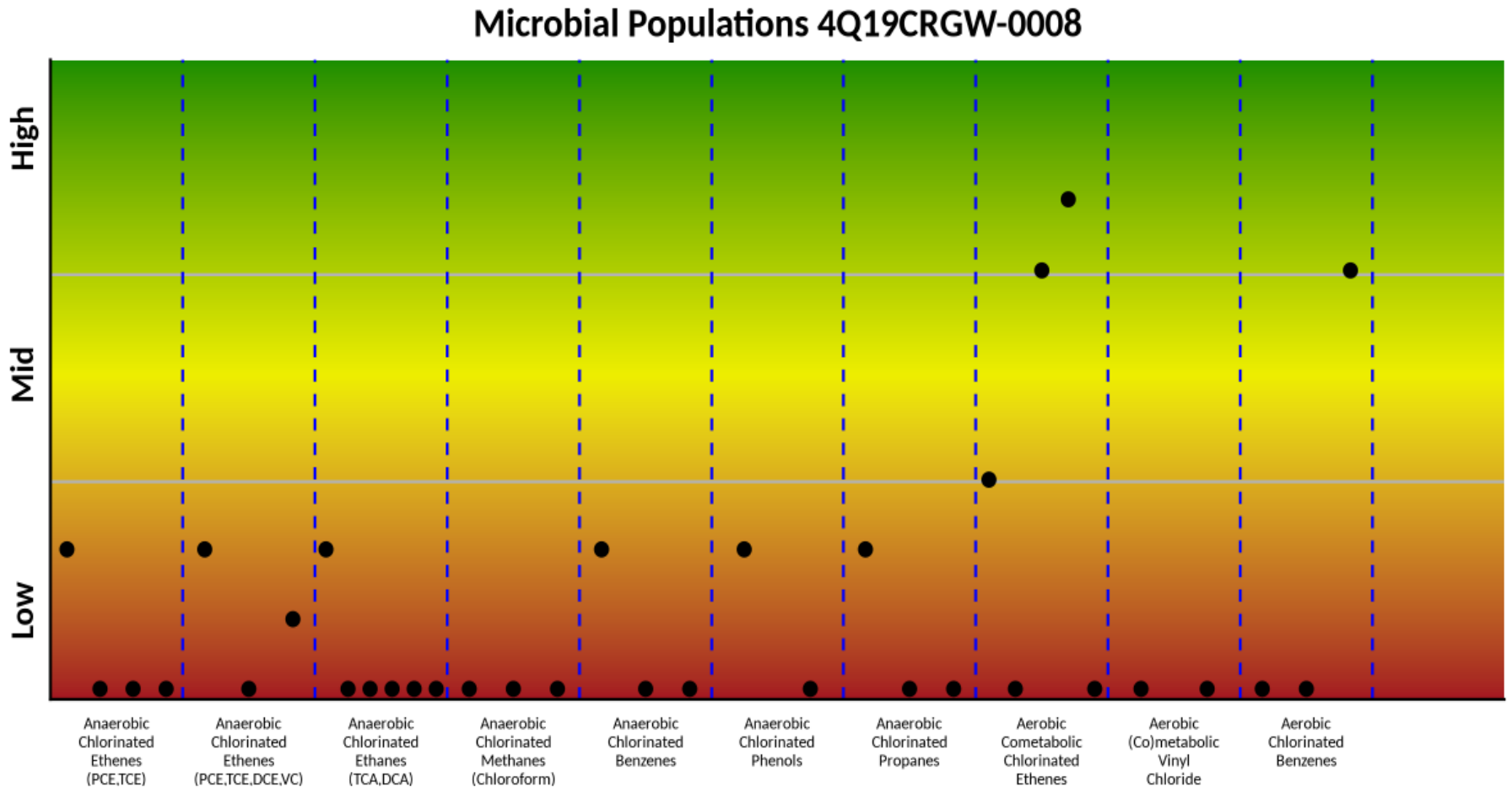

Figure 22. CRW026C Microbial Activity November 2019

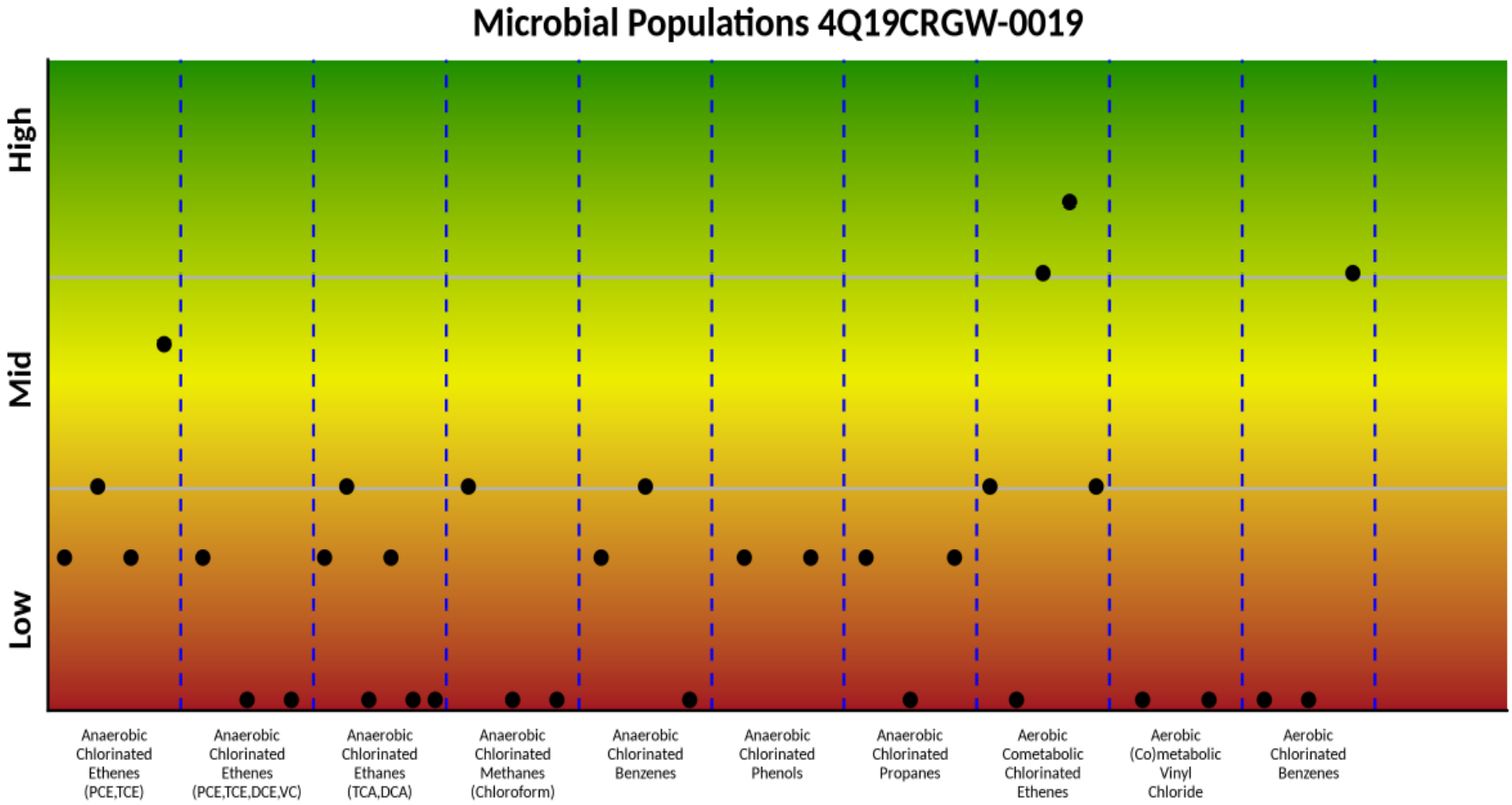

Figure 23. CRW026C Microbial Activity December 2019

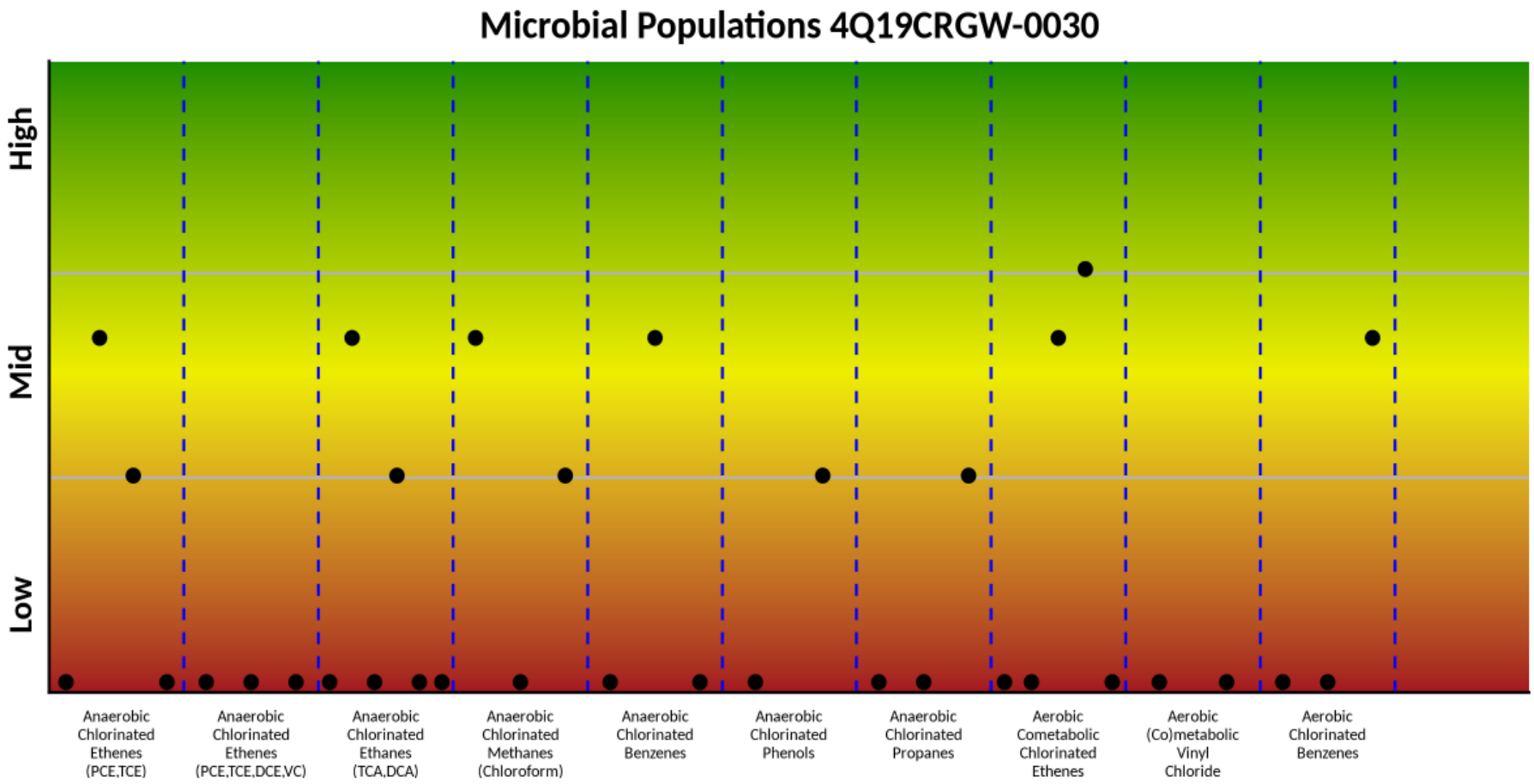

Figure 24. CRW026C Microbial Activity January 2020

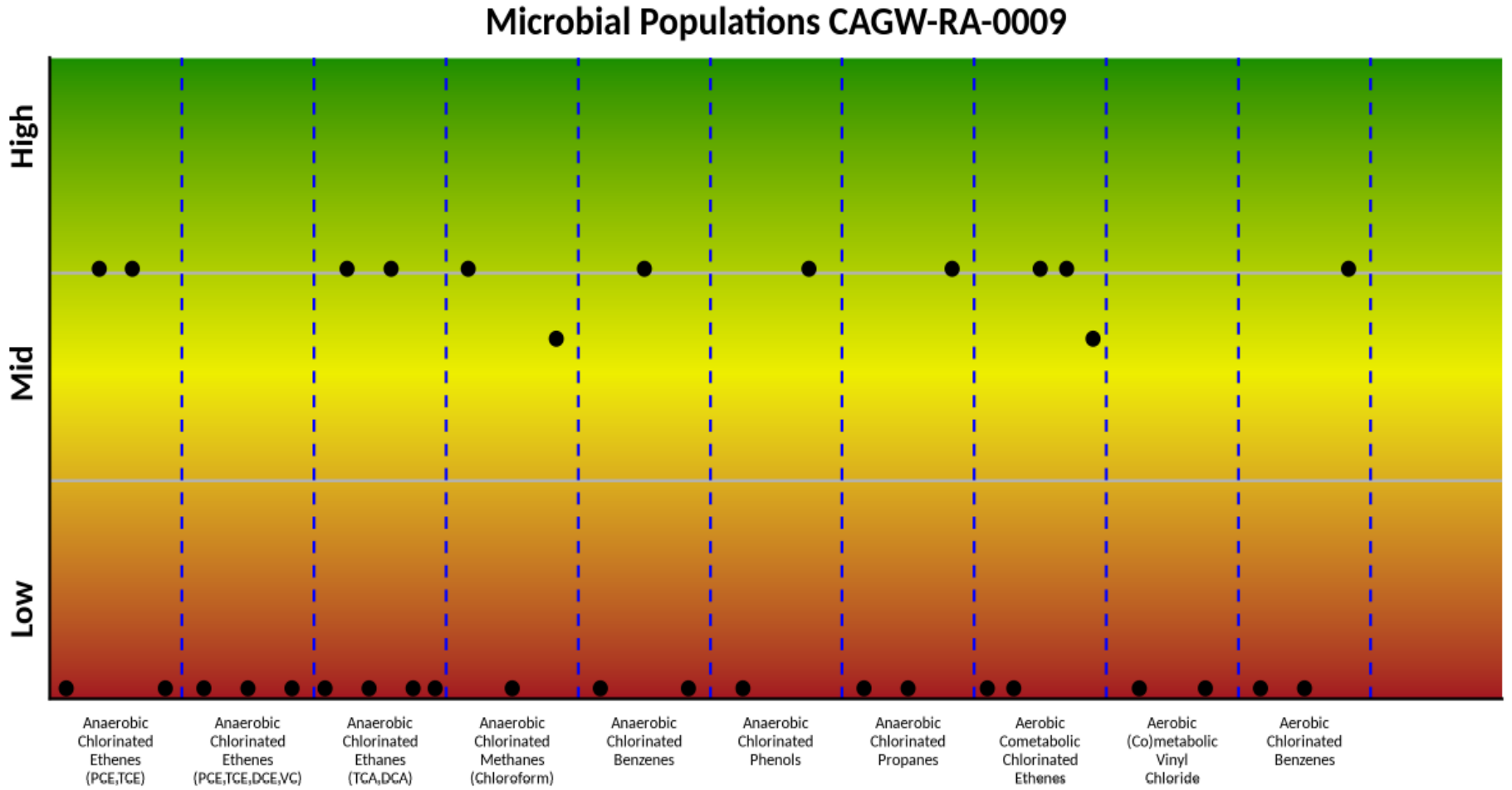

Figure 25. CRW026C Microbial Activity February 2020

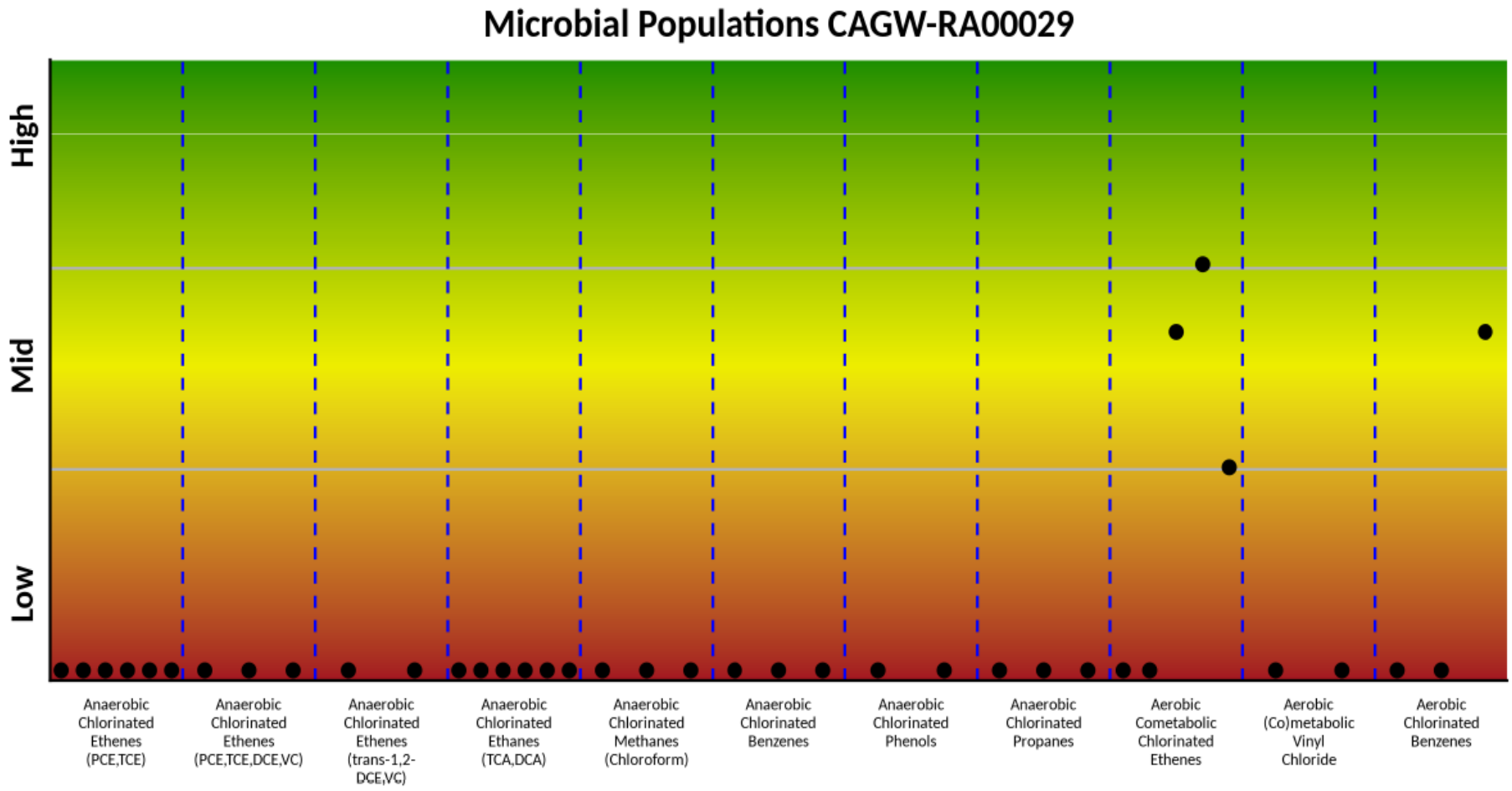

Figure 26. CRW026C Microbial Activity June 2020

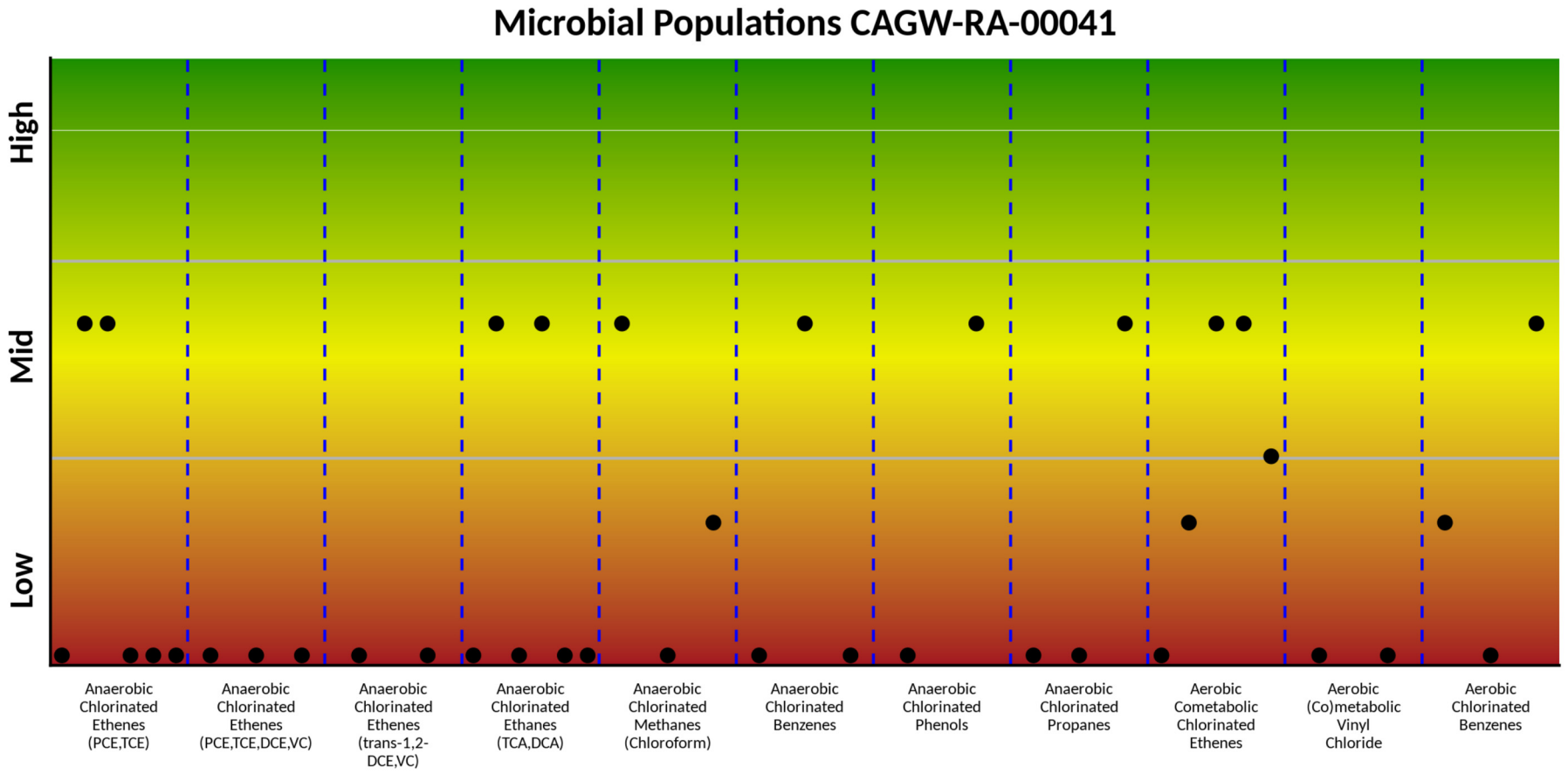

Figure 27. CRW026C Microbial Activity September 2020

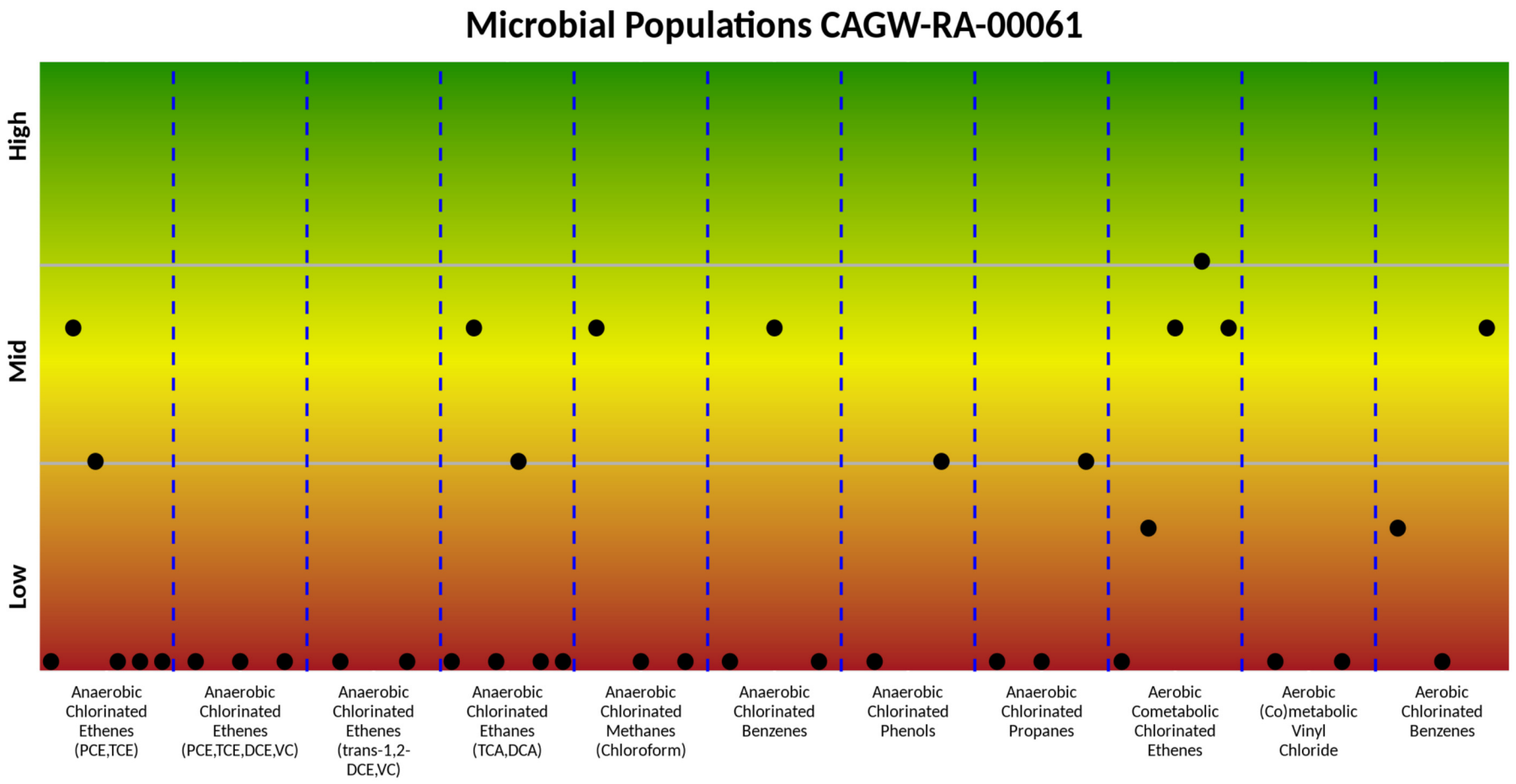

Figure 28. CRW026C Microbial Activity December 2020

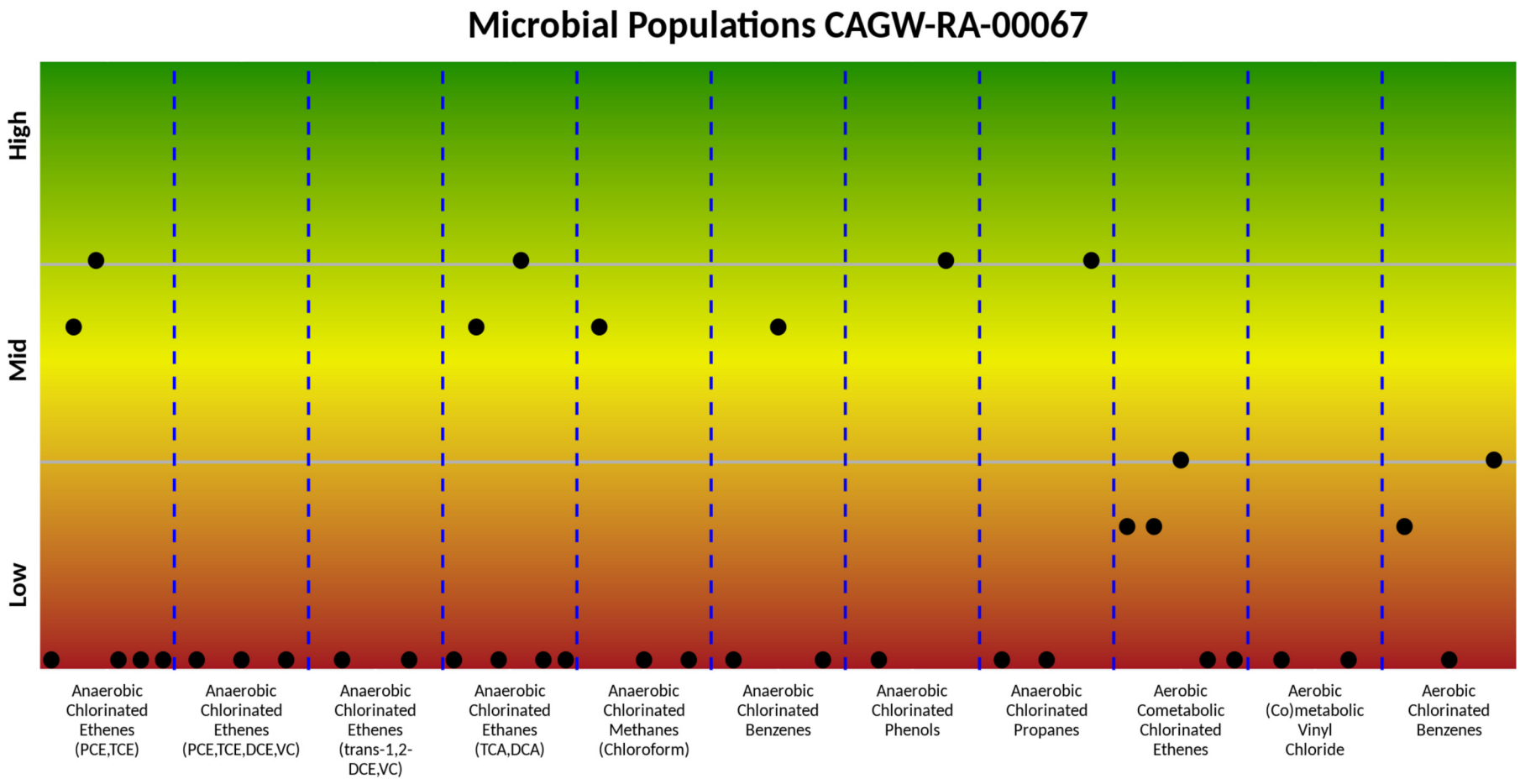

Figure 29. CRW026C Microbial Activity June 2021

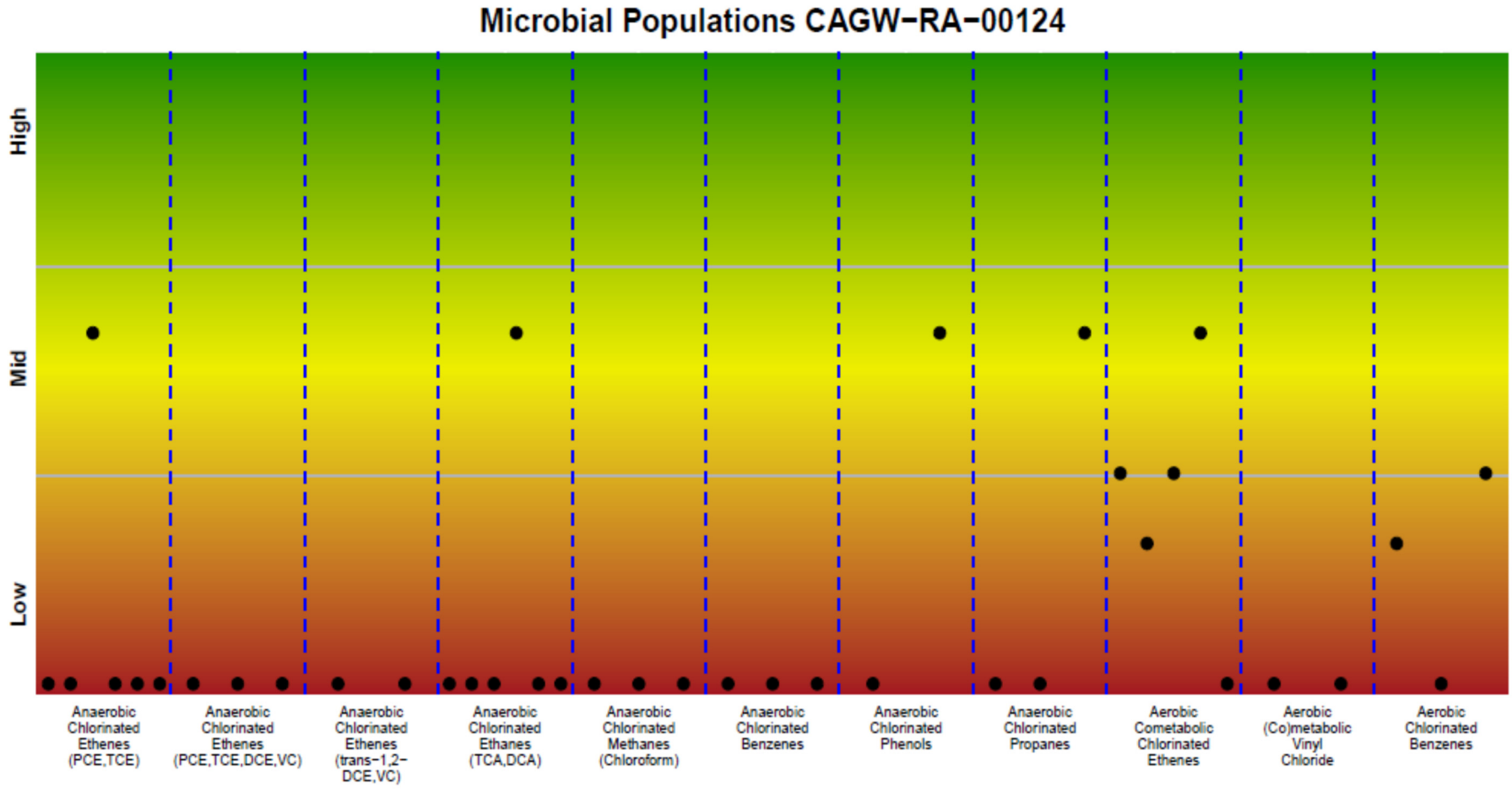

Figure 30. CRW026C Microbial Activity November 2021

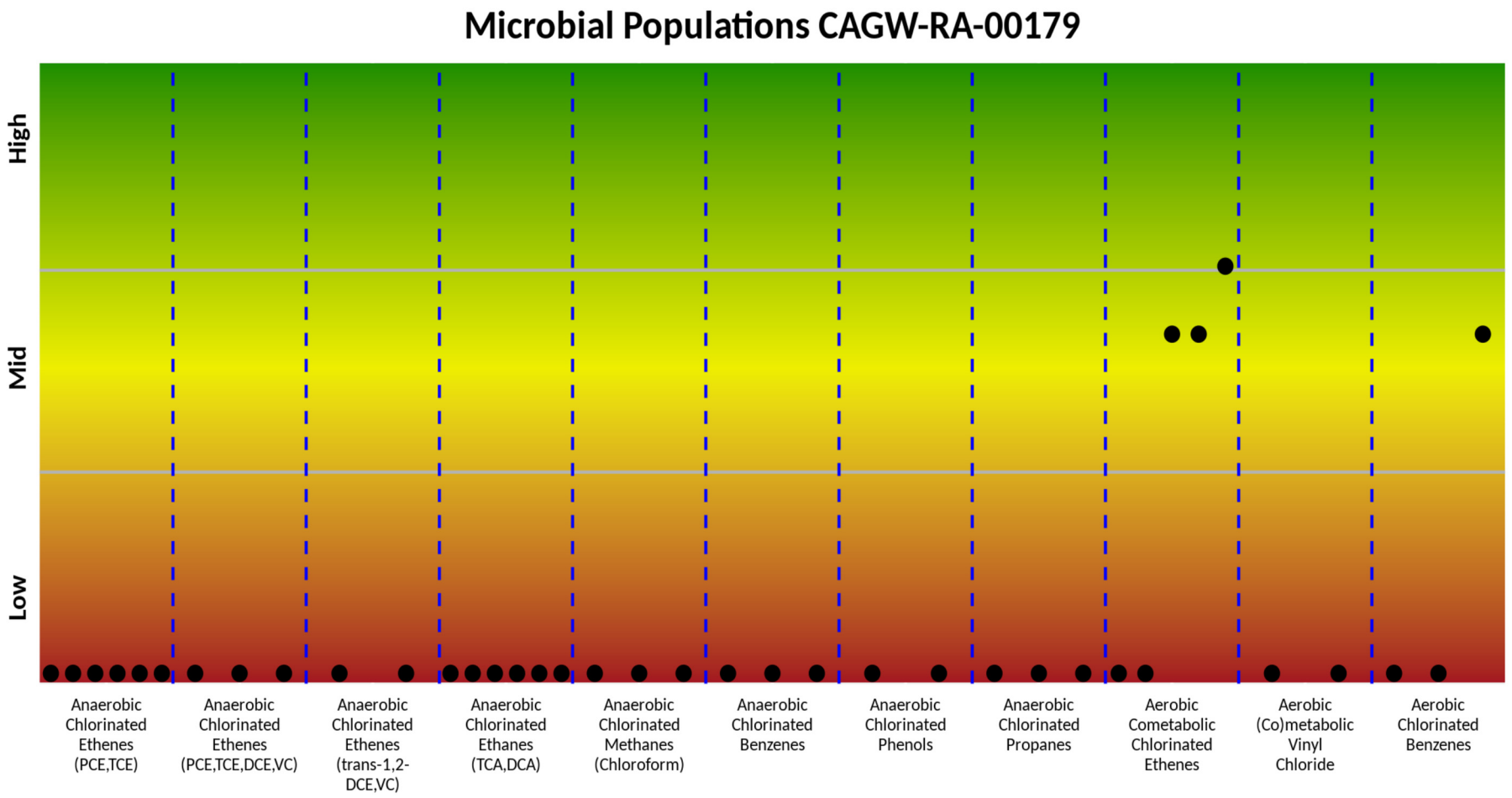

Figure 31. CRW026C Microbial Activity June 2022

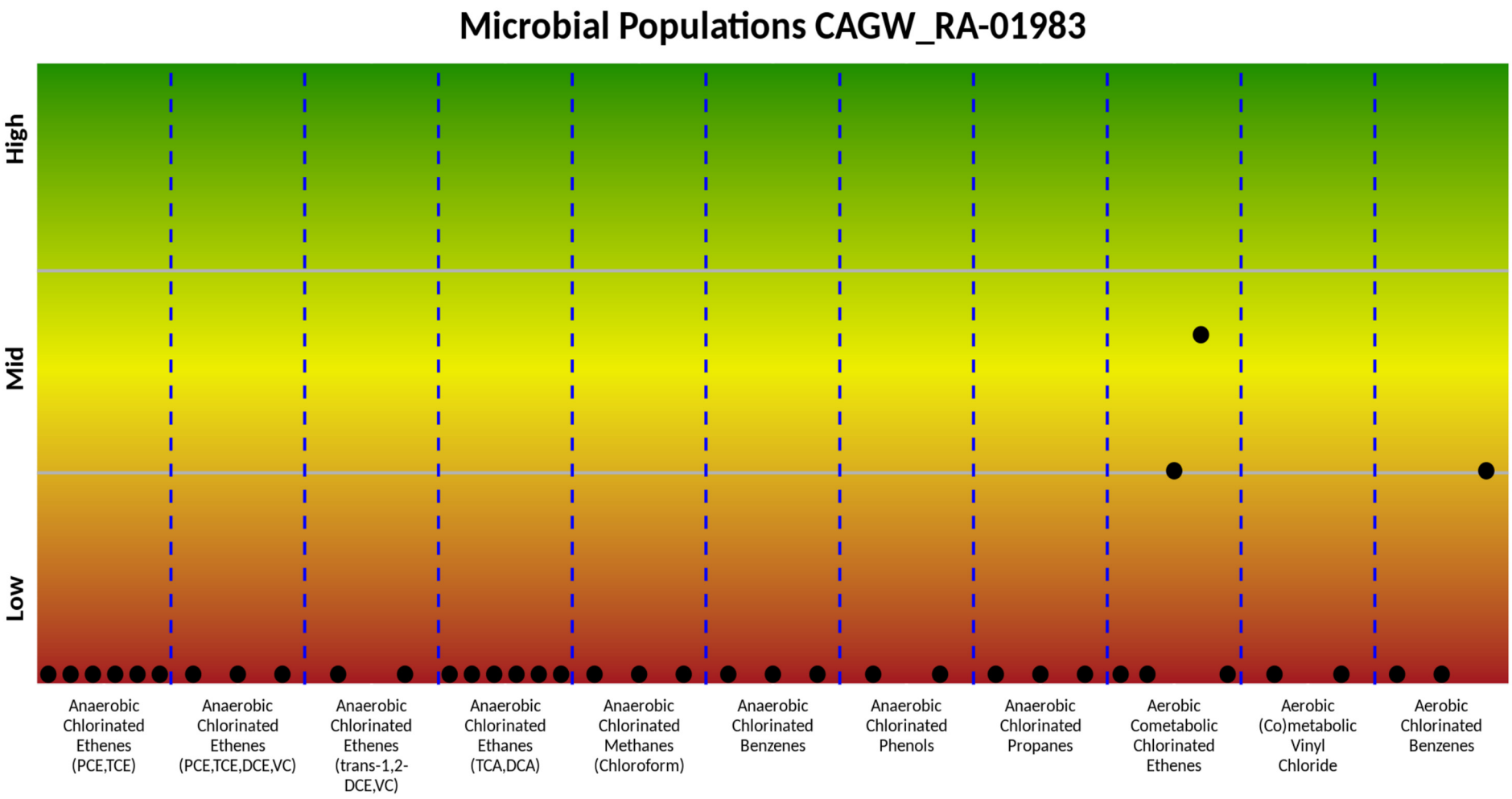

Figure 30. CRW026C Microbial Activity November 2022

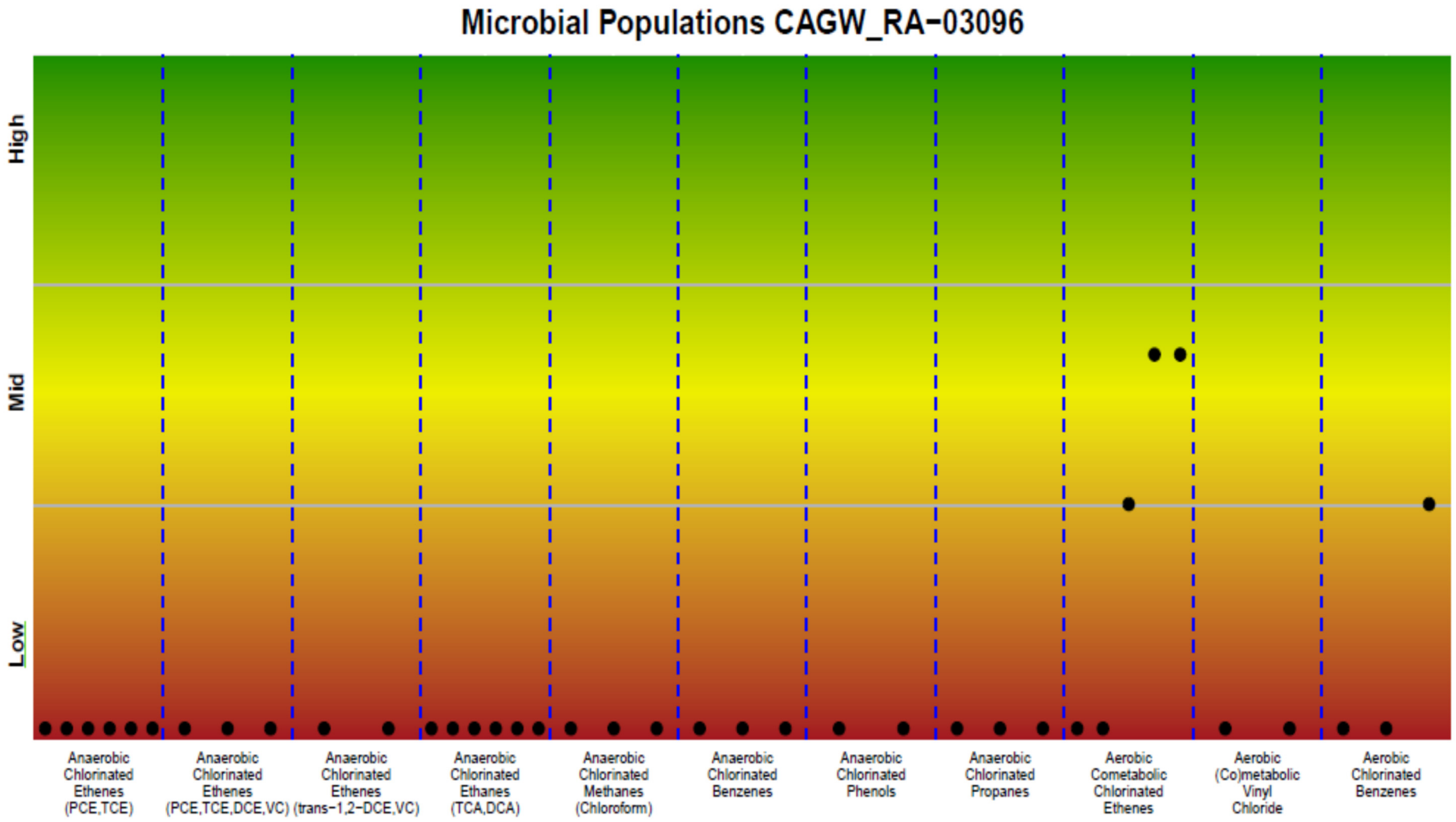

Figure 31. CRW026C Microbial Activity June 2023

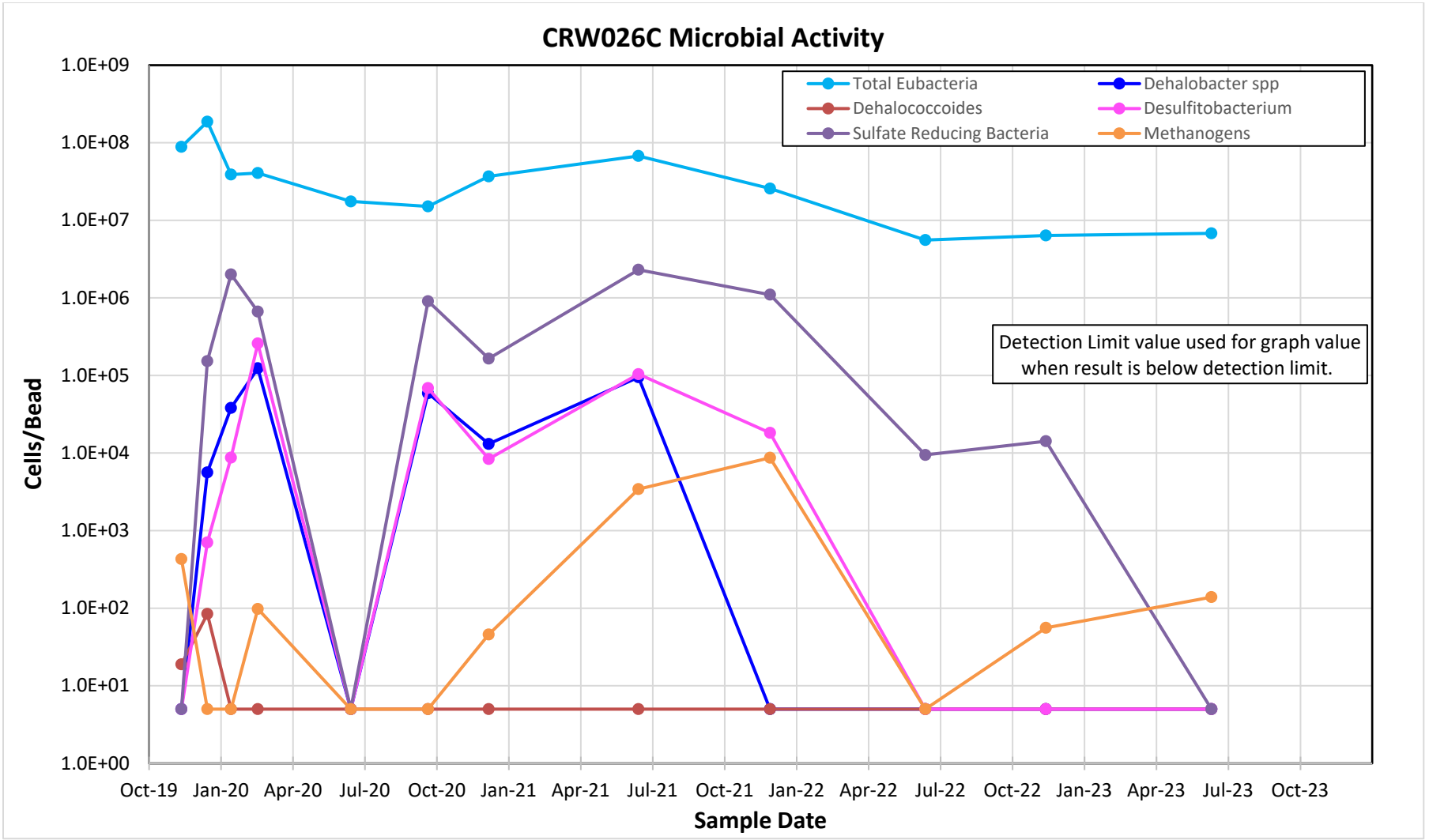

Figure 32. CRW026C Anaerobic Microbial Assemblages

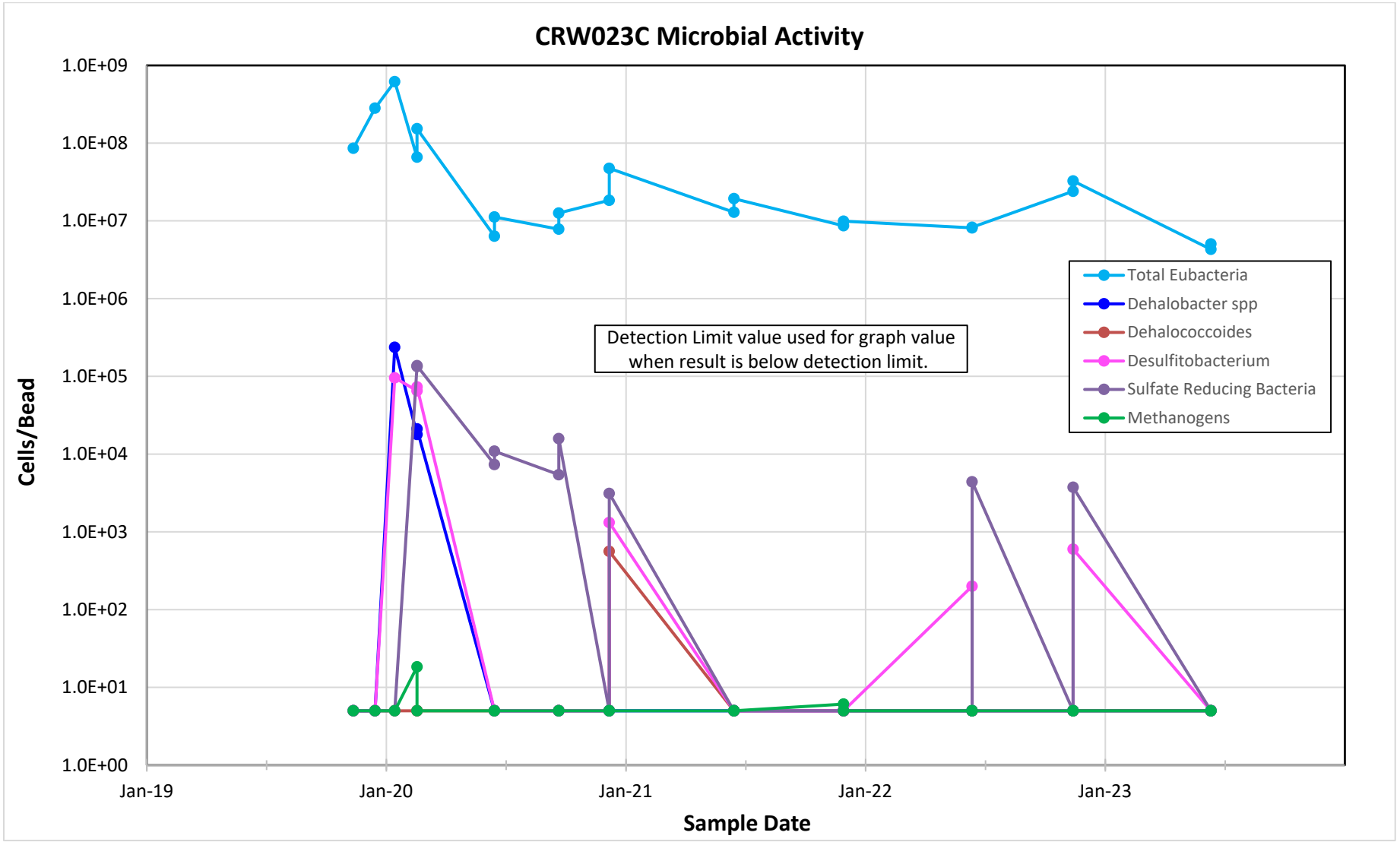

Figure 33. CRW023C Anaerobic Microbial Assemblages

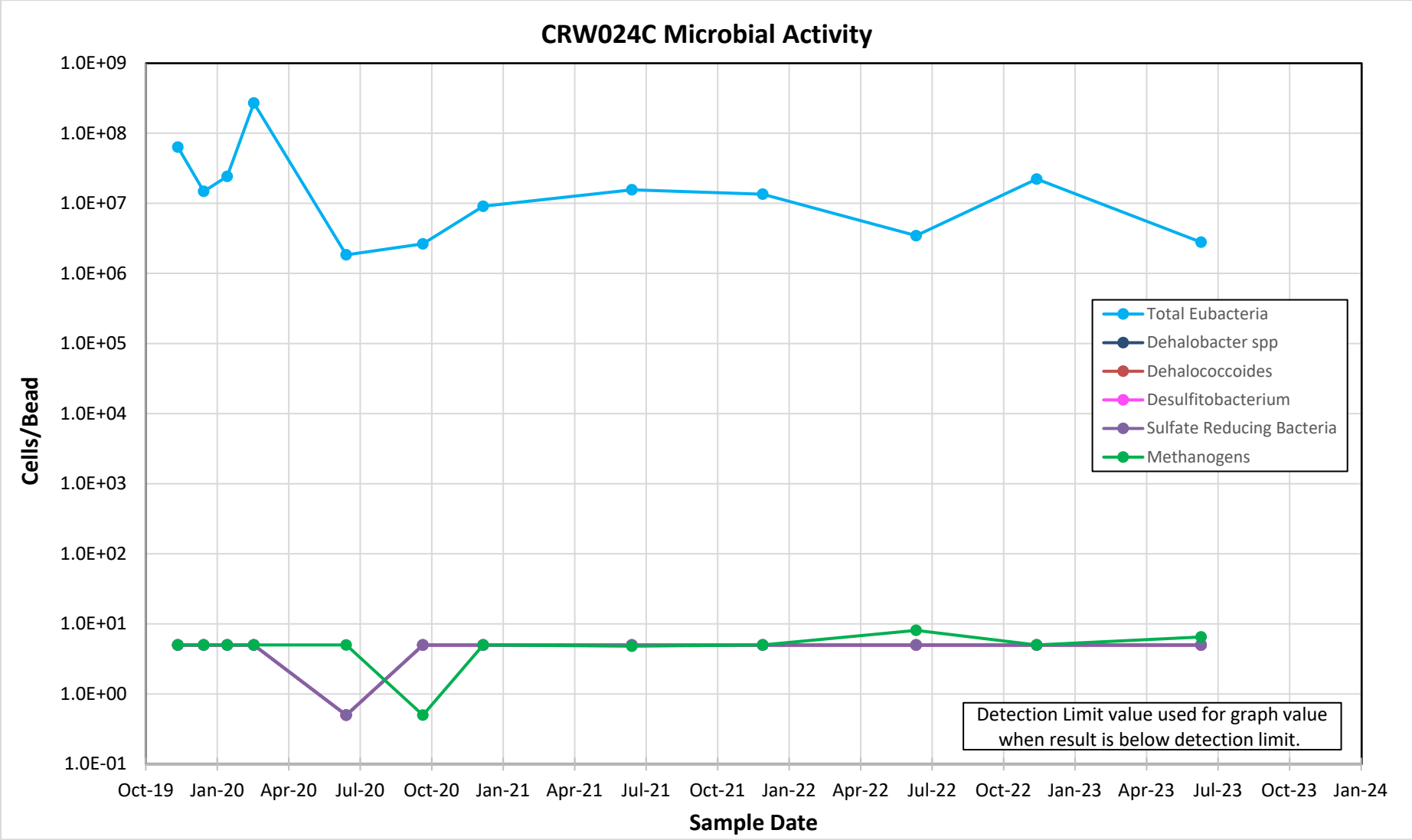

Figure 34. CRW024C Anaerobic Microbial Assemblages

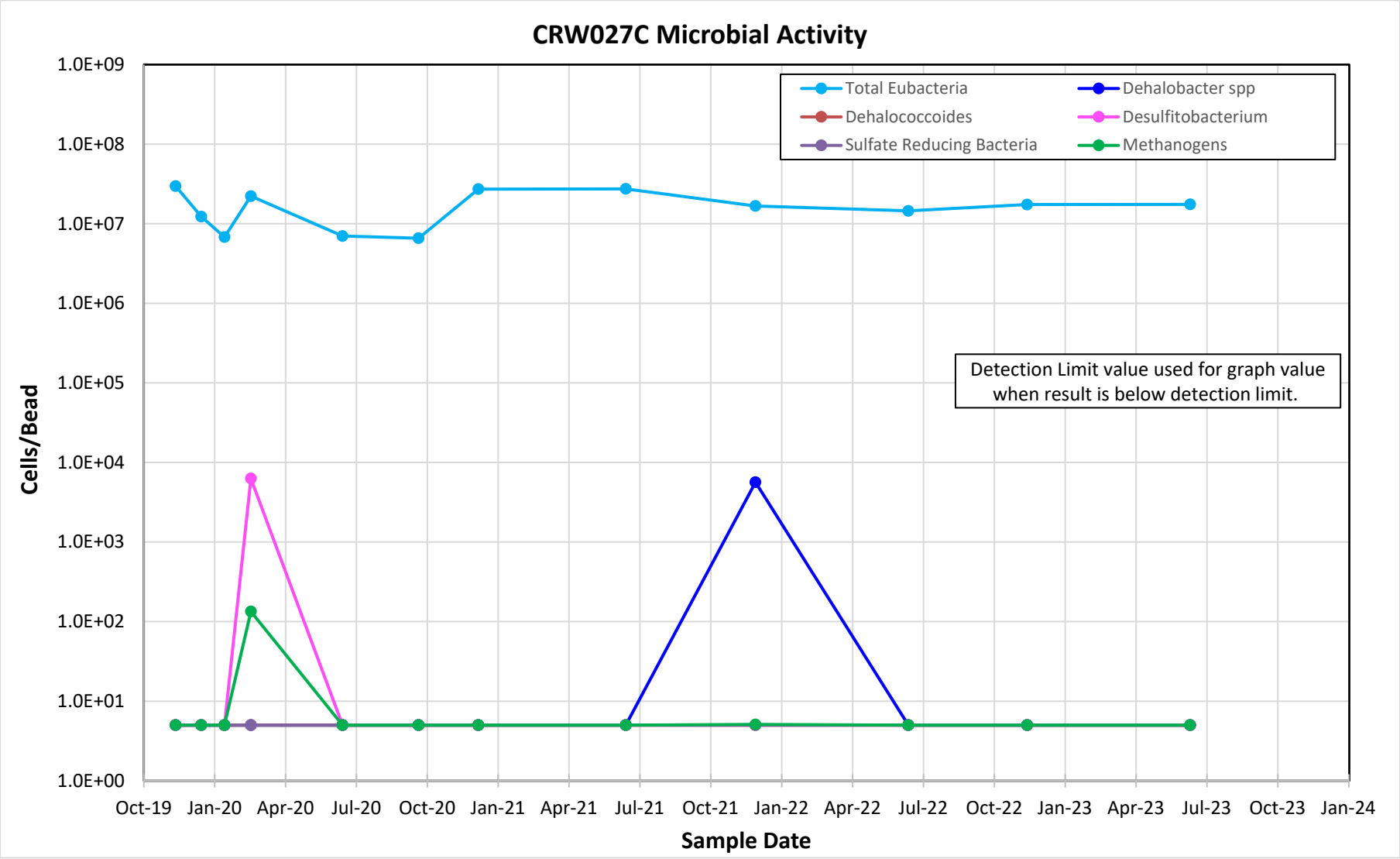

Figure 35. CRW027C Anaerobic Microbial Assemblages

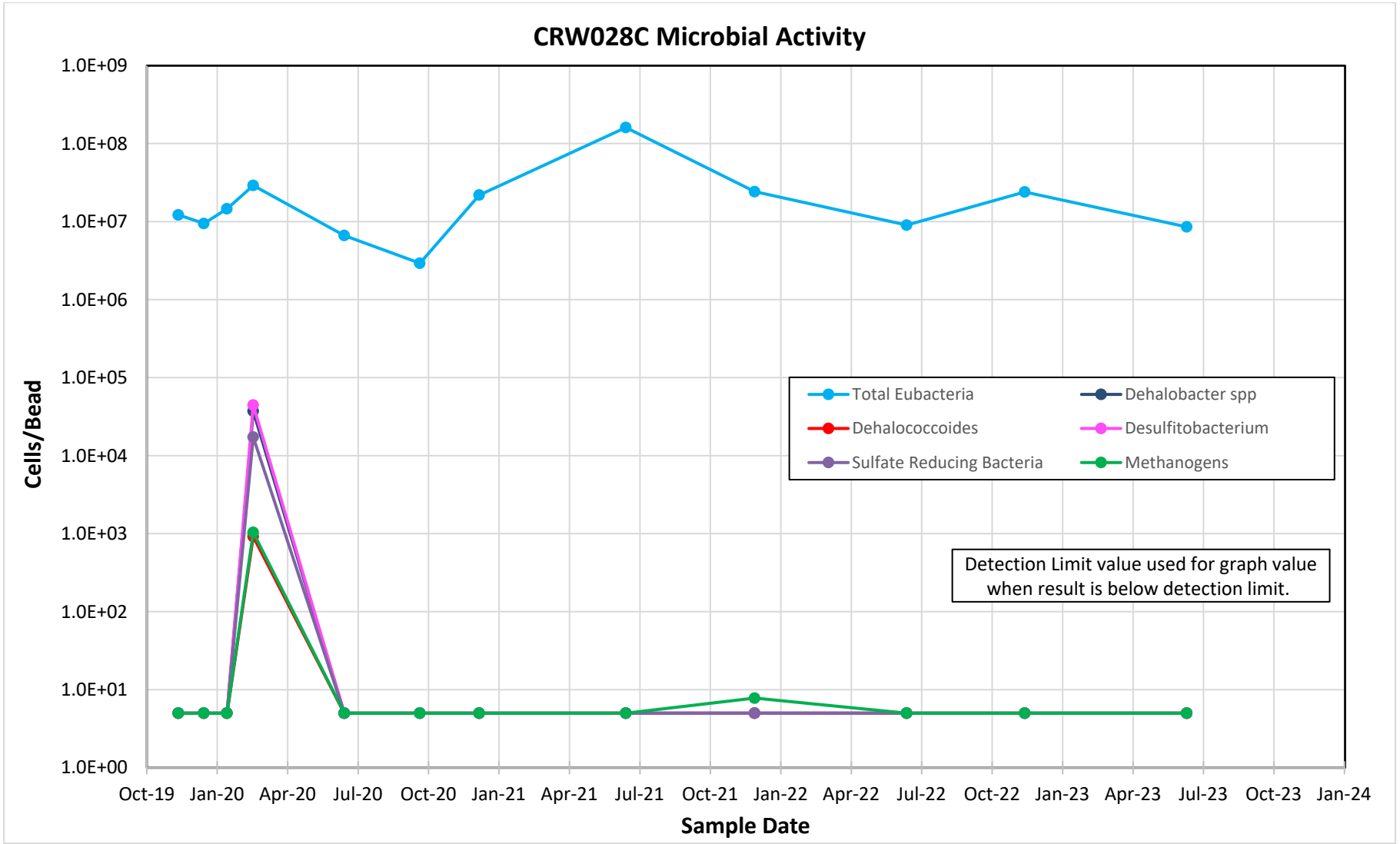

Figure 36. CRW028C Anaerobic Microbial Assemblages

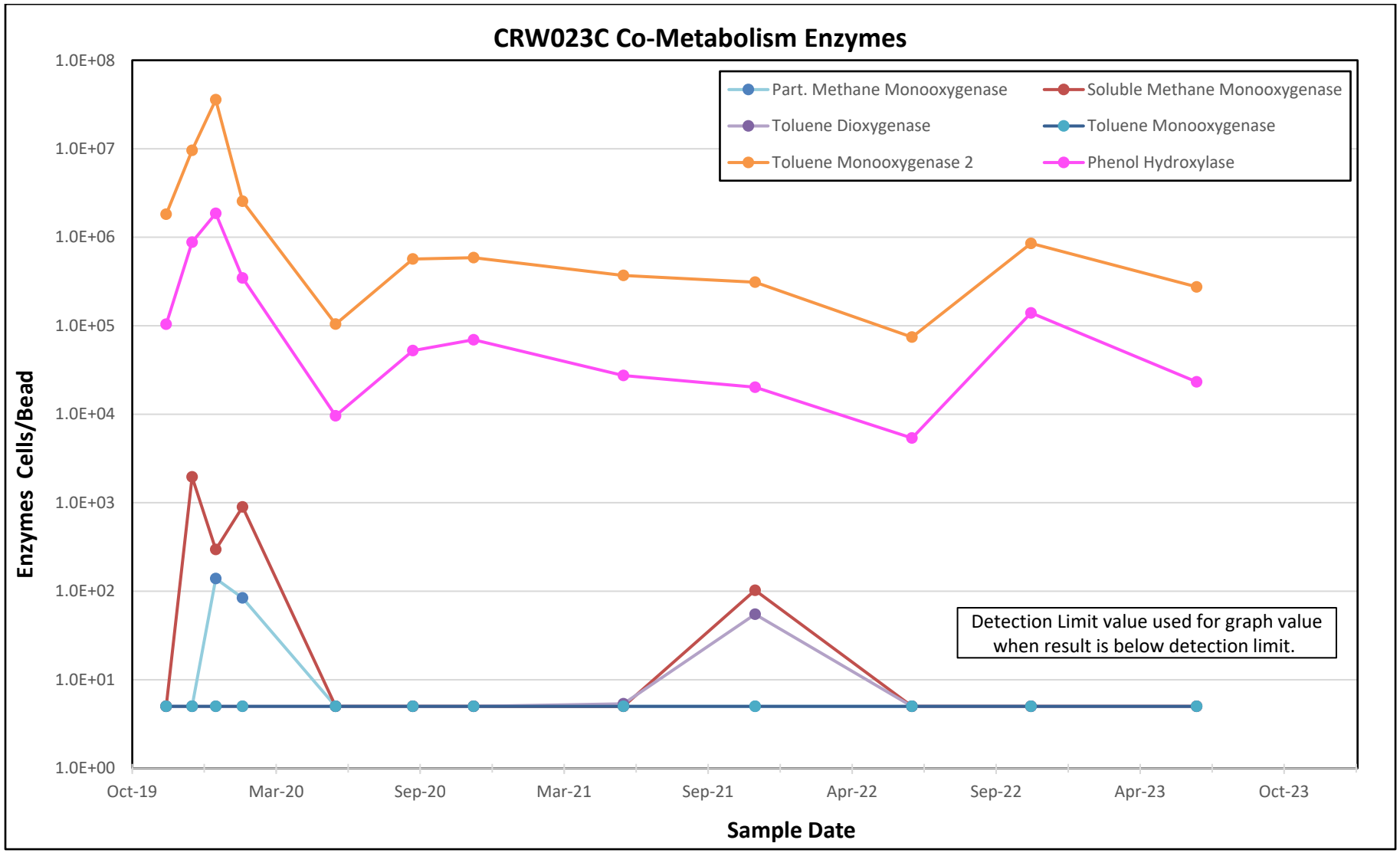

Figure 37. CRW023C (Co)Metabolism Enzymes

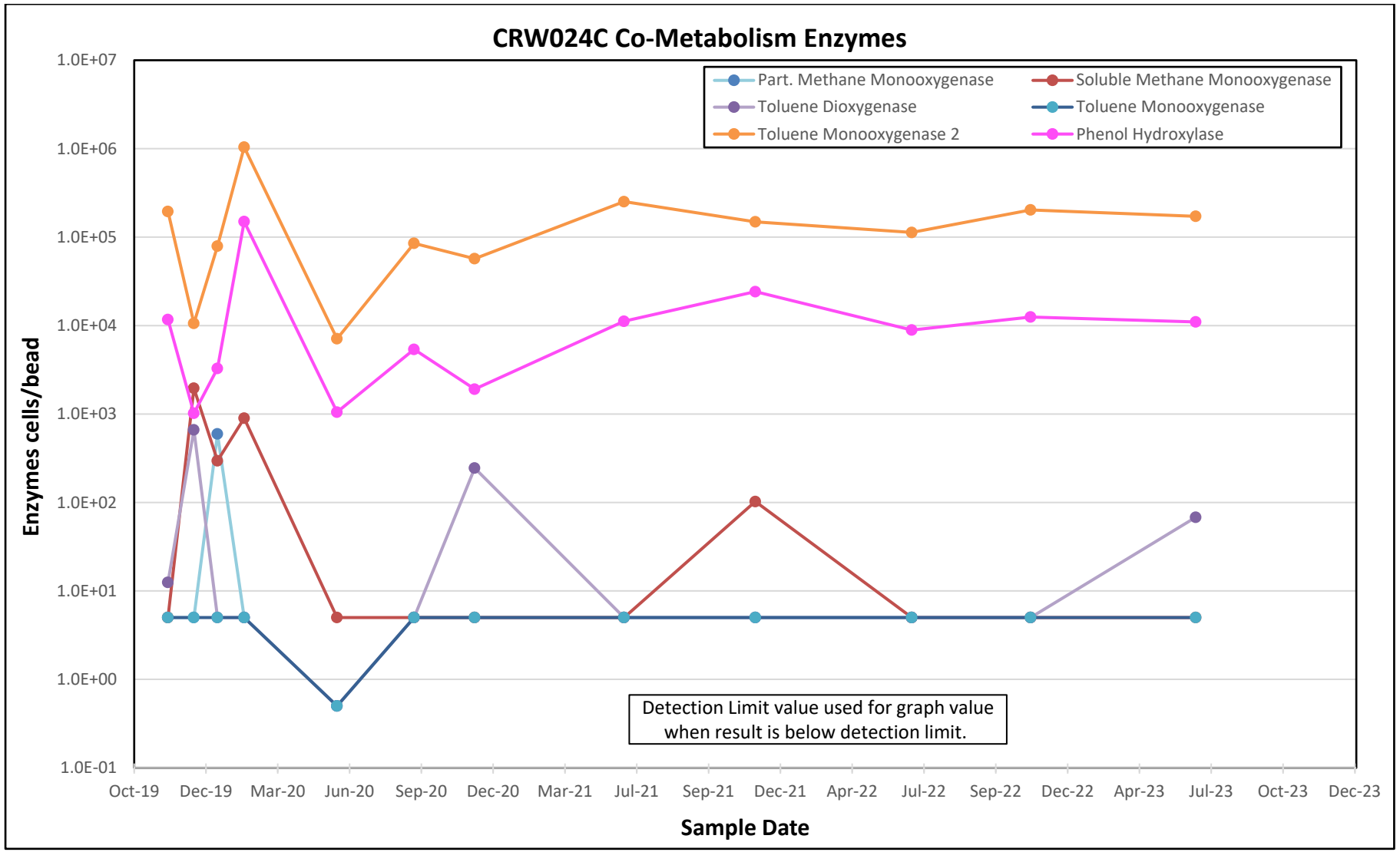

Figure 38. CRW024C (Co)Metabolism Enzymes

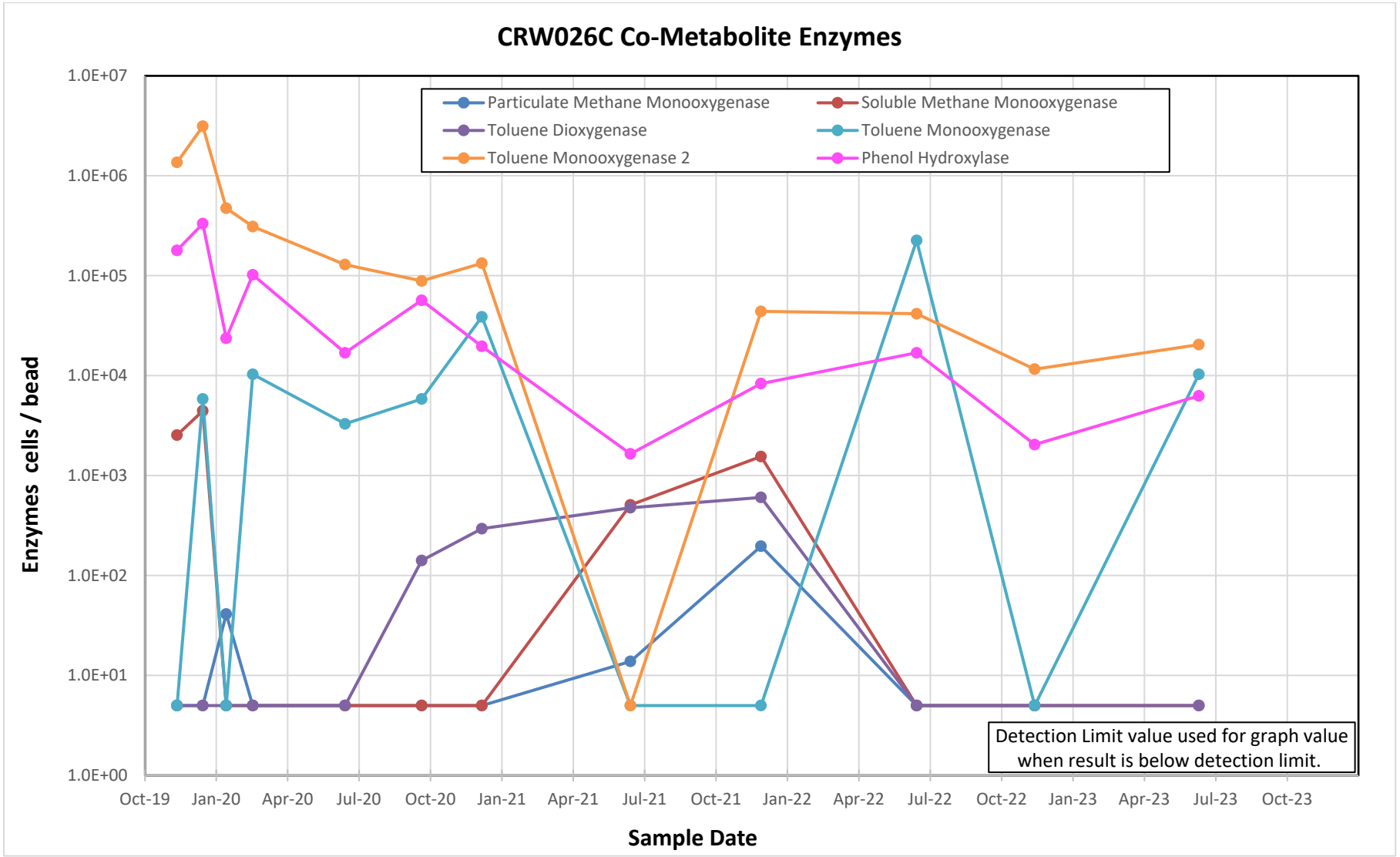

Figure 39. CRW026C (Co)Metabolism Enzymes

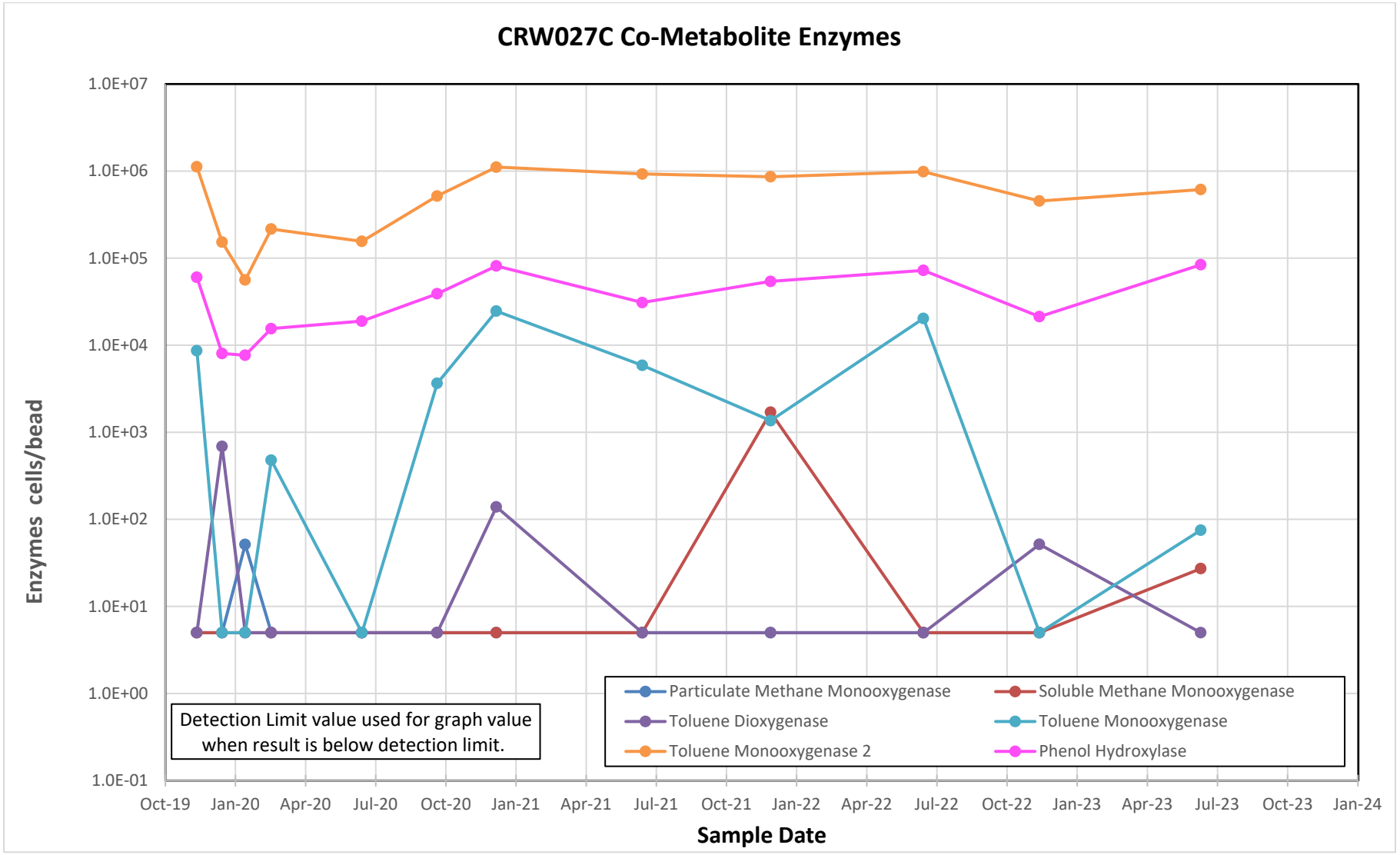

Figure 40. CRW027C (Co)Metabolism Enzymes

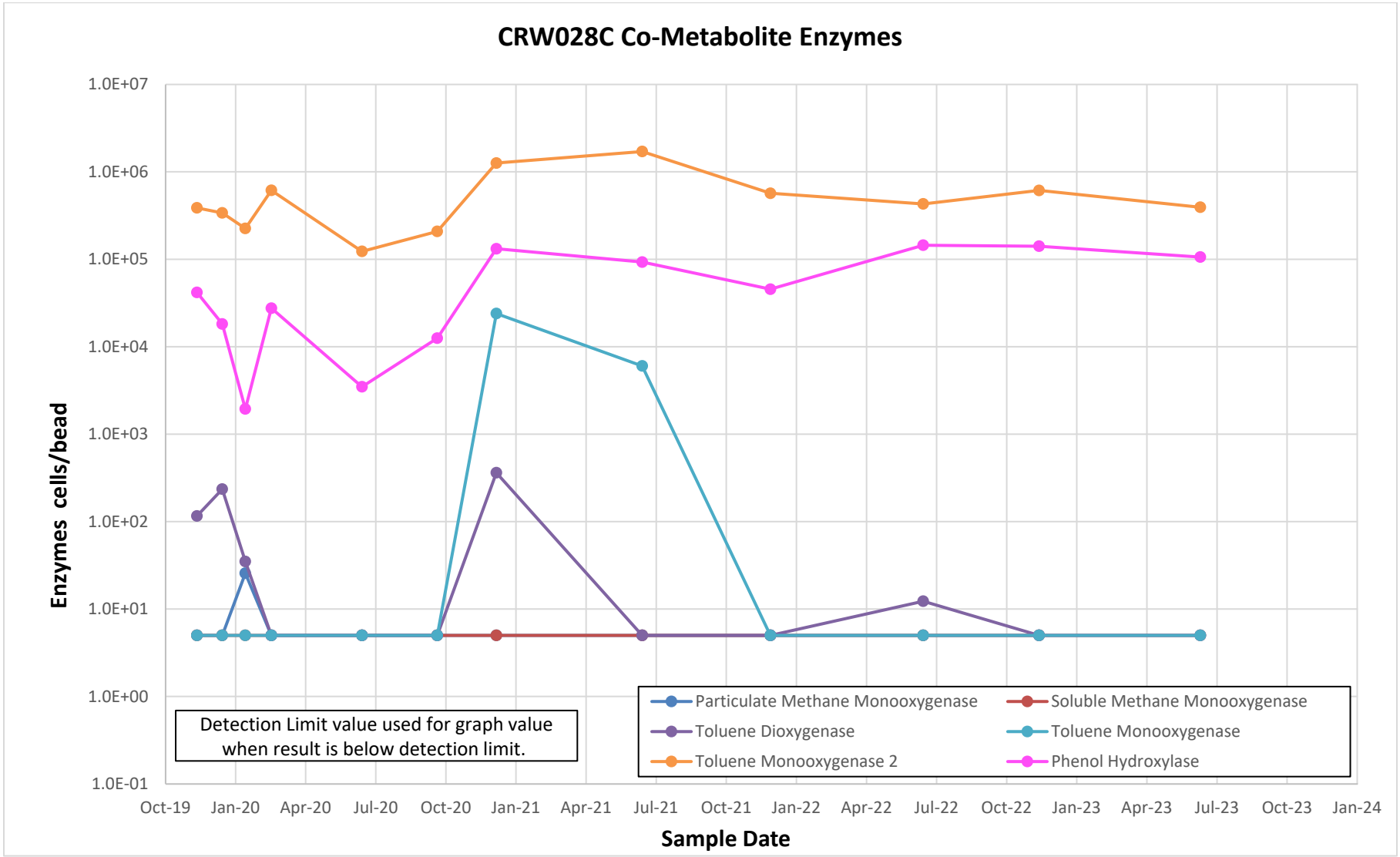

Figure 41. CRW028C (Co)Metabolism Enzymes

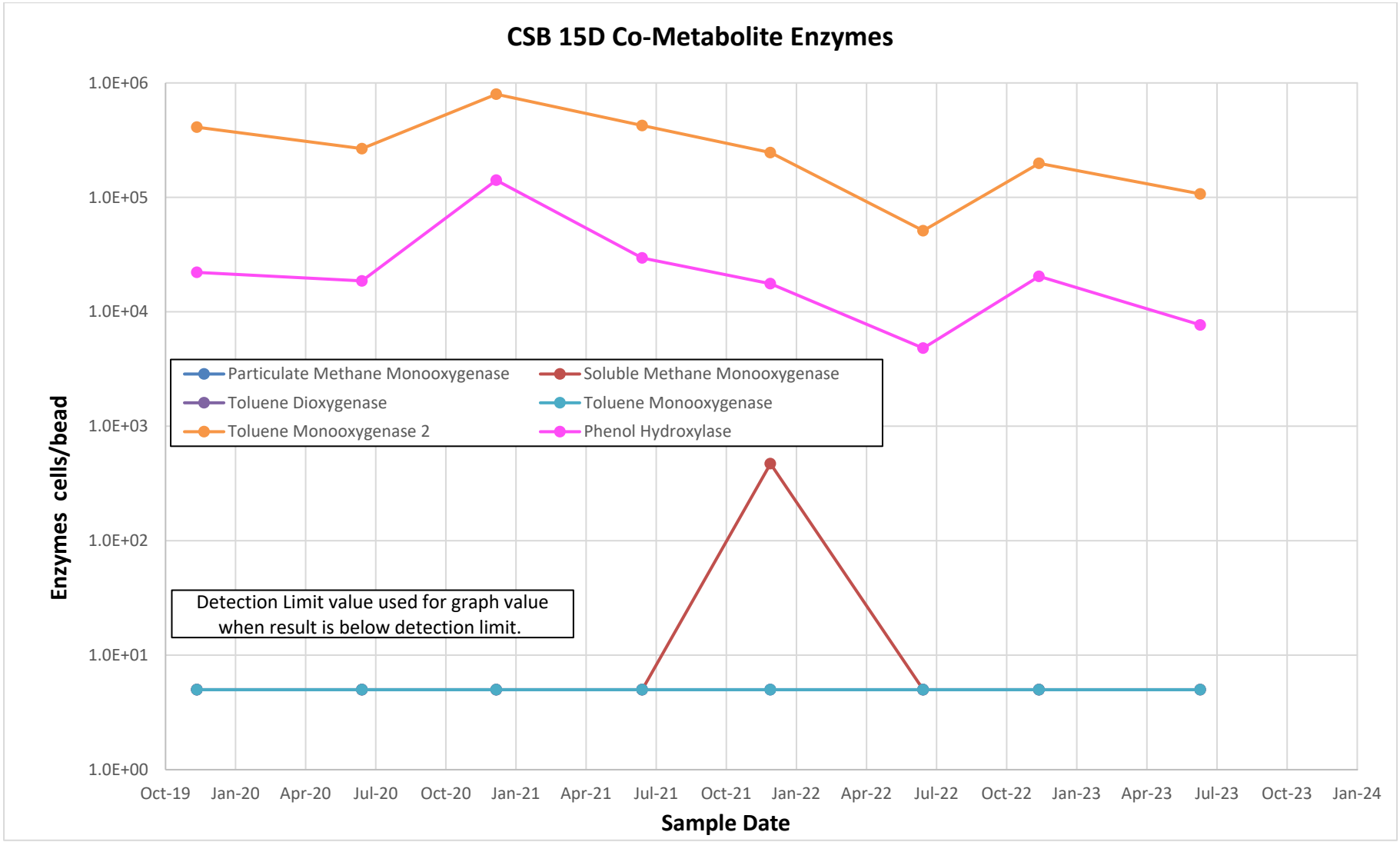

Figure 42. CSB 15D (Co)Metabolism Enzymes

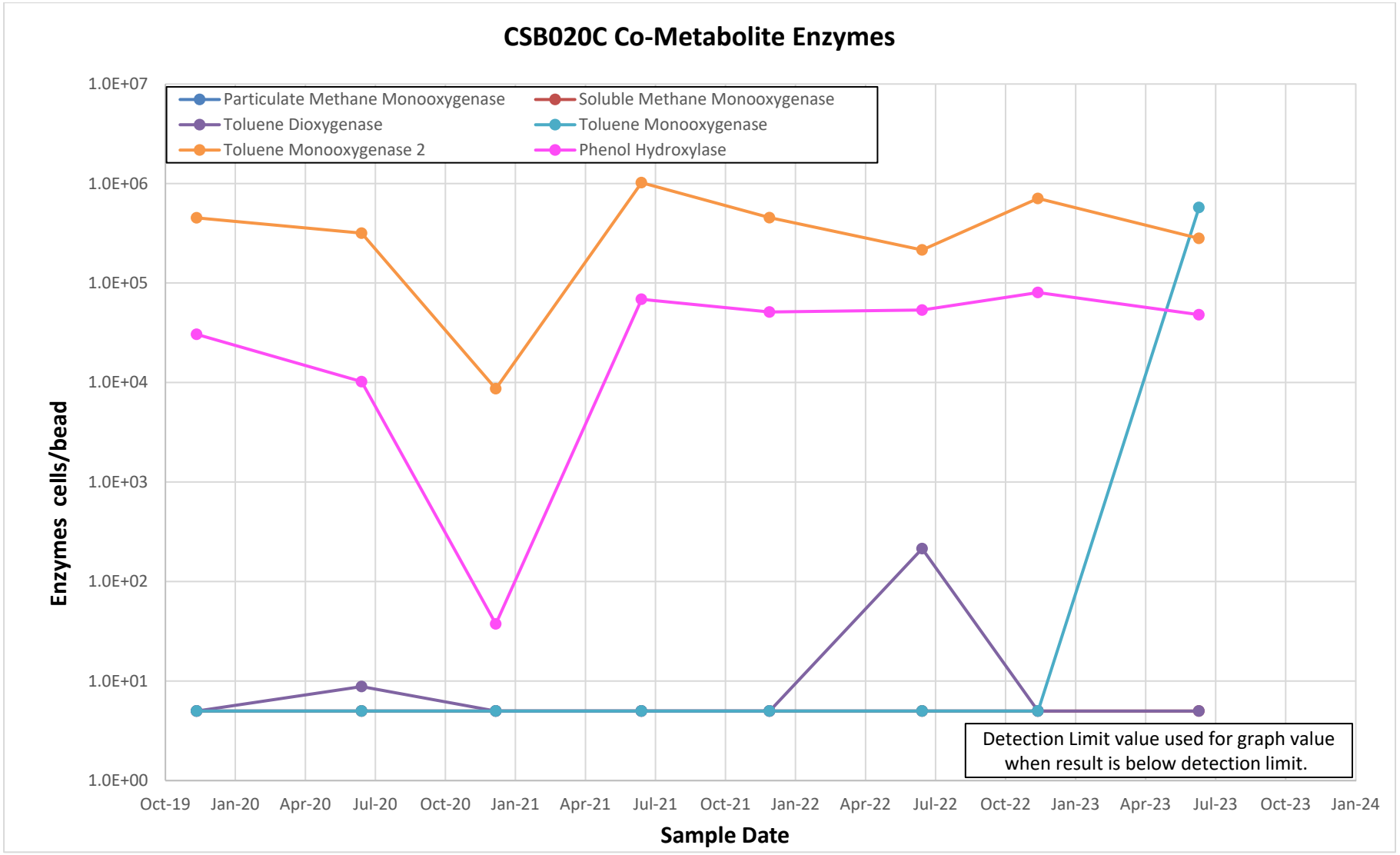

Figure 43. CSB020C (Co)Metabolism Enzymes

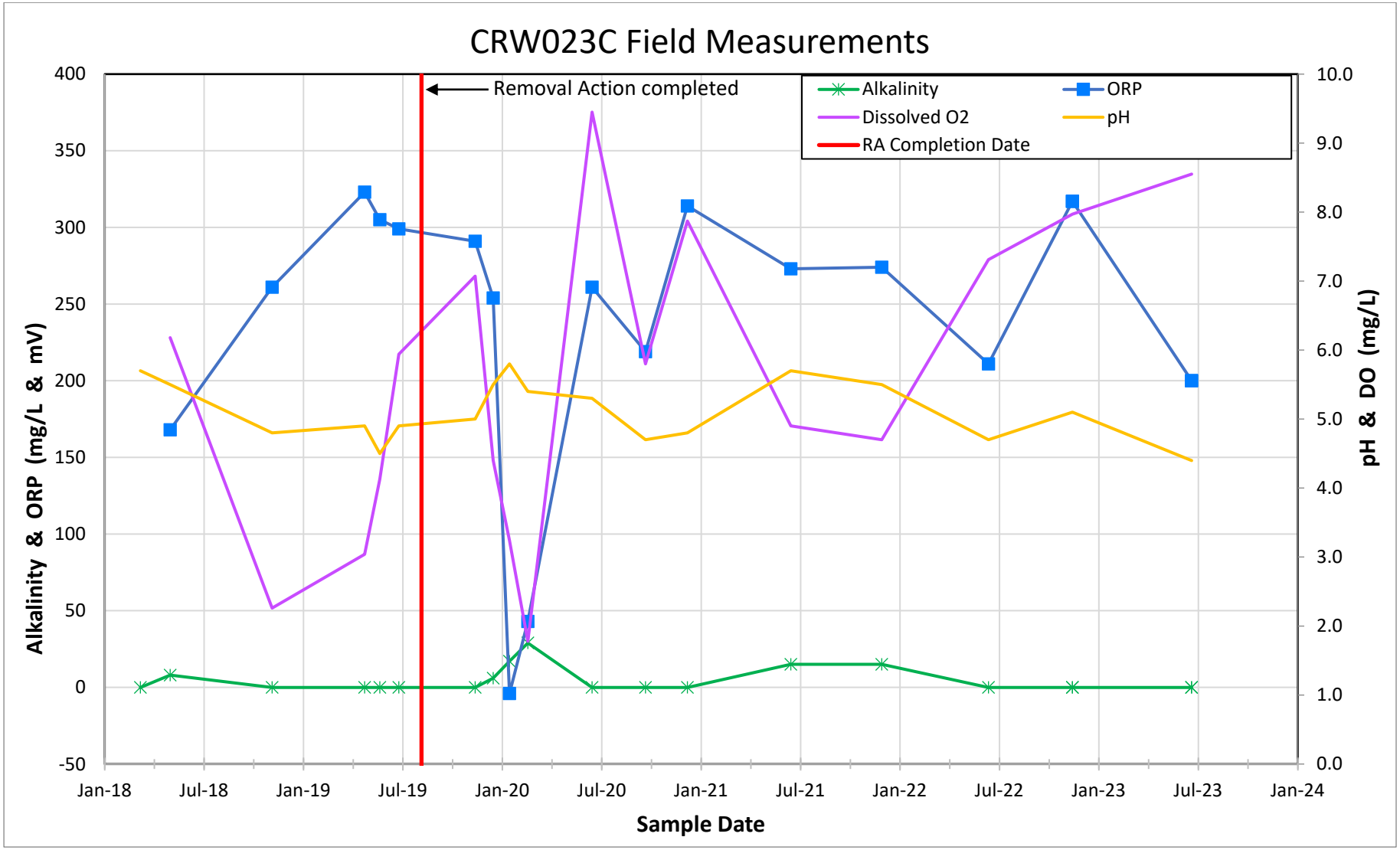

Figure 44. CRW023C Field Measurement Trends

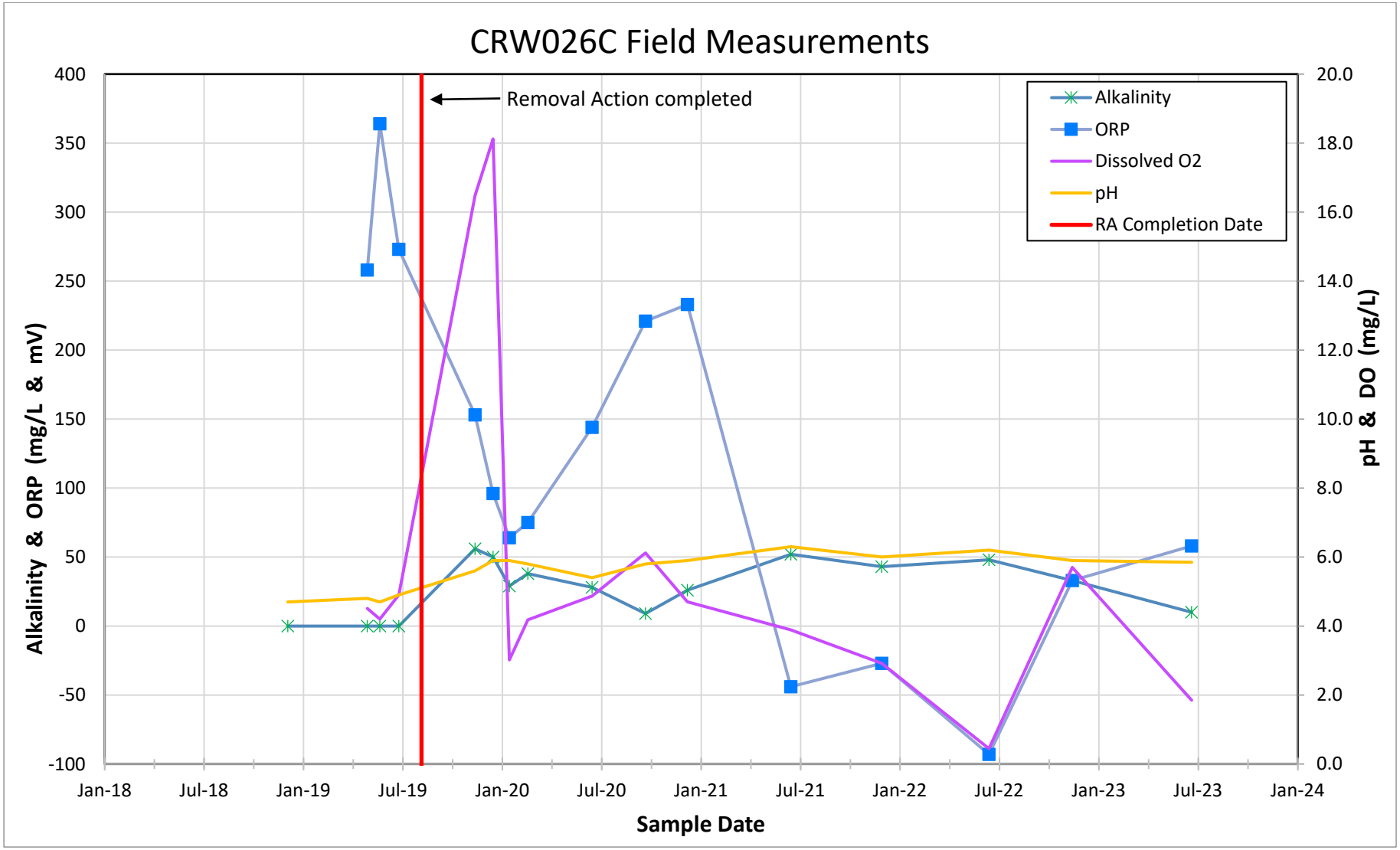

Figure 45a. CRW026C Field Measurement Trends

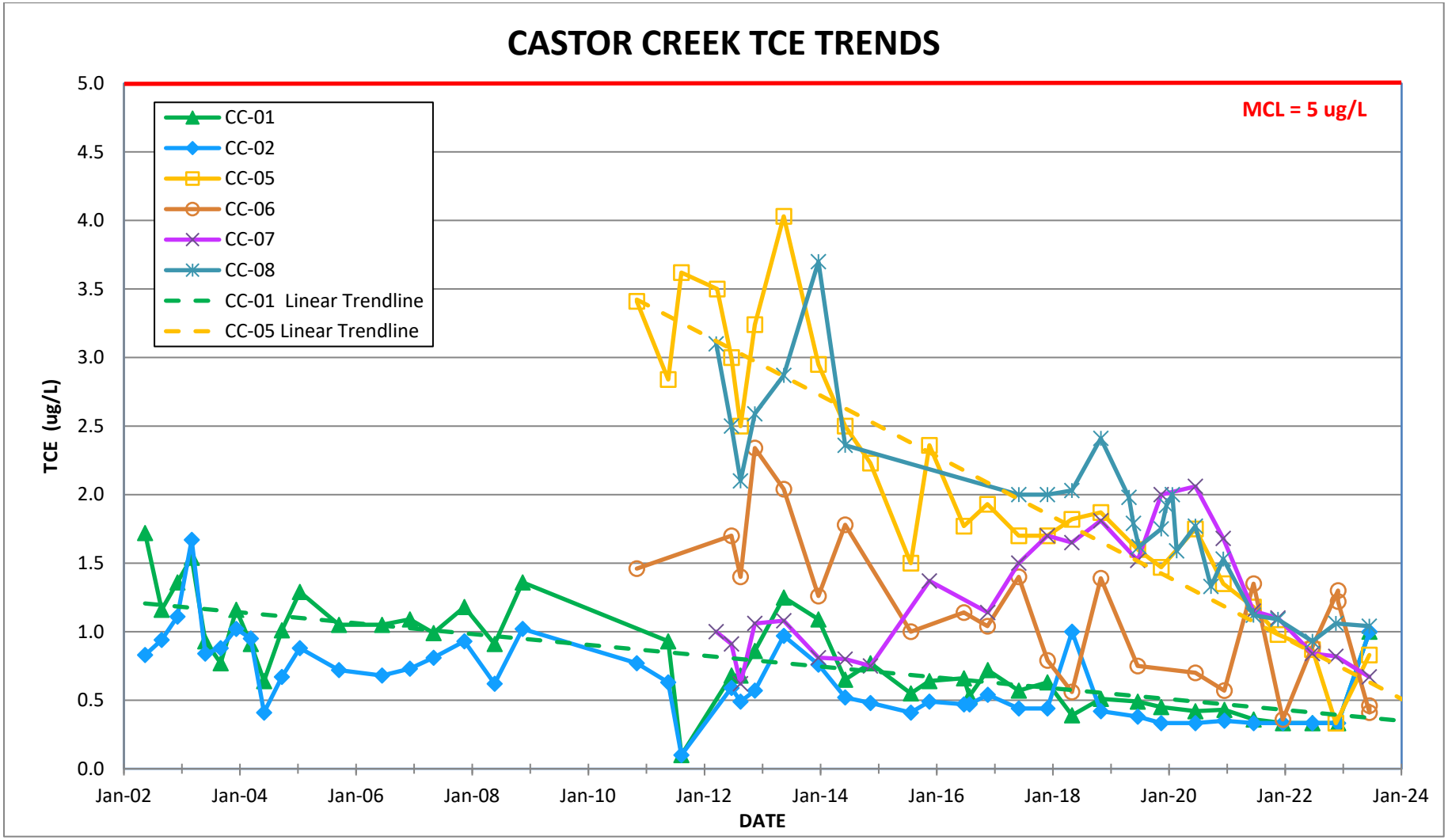

Figure 45b. Castor Creek TCE Trends

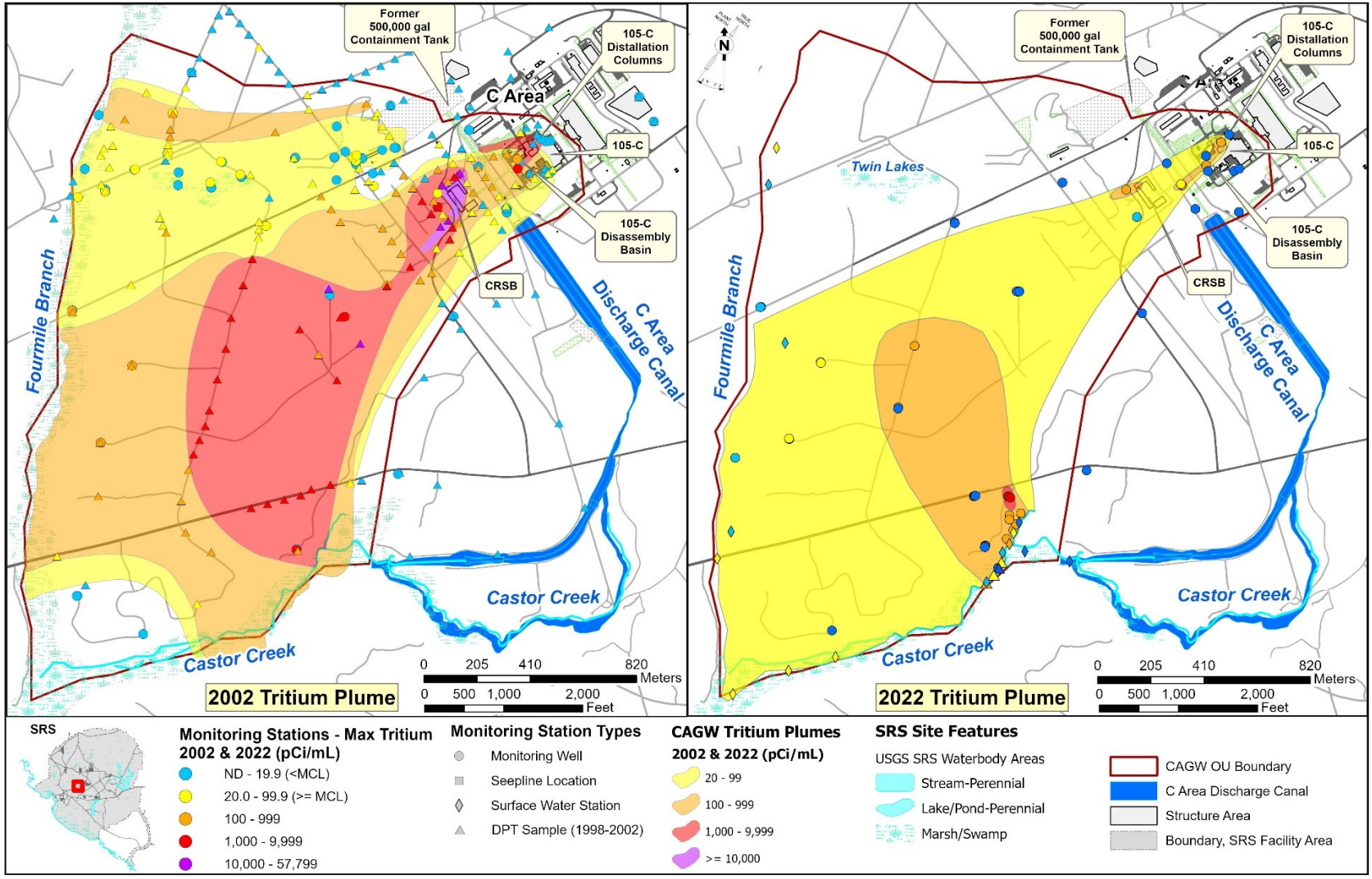

Figure 46. CAGW OU Tritium Plume 2002 and 2022

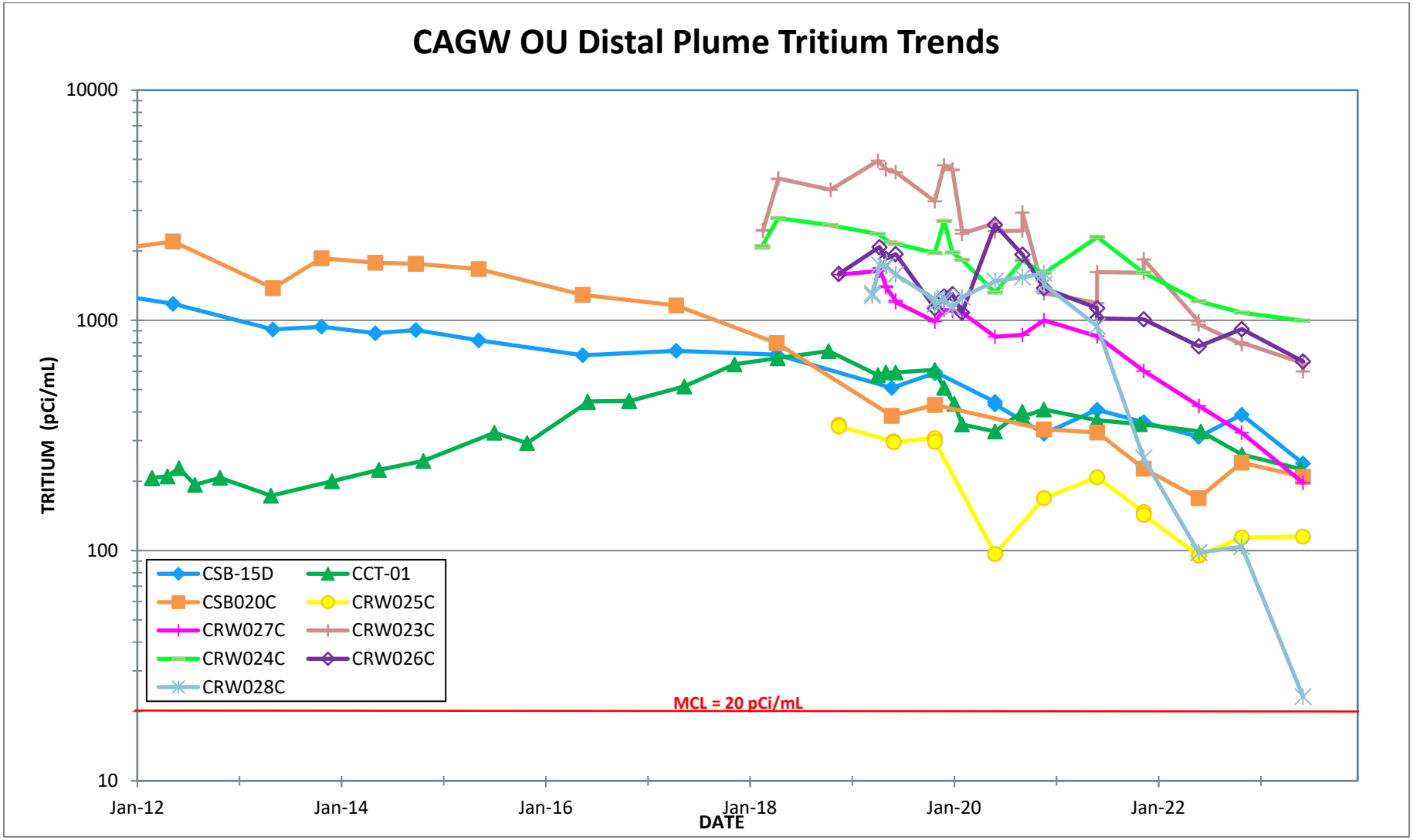

Figure 47. CAGW OU Distal Plume Tritium Trends

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 03	Surface Water	1,2-dicholroethylene	4.44 µg/L	CAGW OU
TL 03	Surface Water	cis-1,2-dichloroethylene	4.44 µg/L	CAGW OU
CRP 5C	Monitoring Well	Tetrachloroethylene	8.30 µg/L	CAGW OU
TL 03*	Surface Water	trans-1,2-dichloroethylene	MDL 0.333 µg/L	CAGW OU
CRW020D	Monitoring Well	Trichloroethylene	115 µg/L	CAGW OU
CTA003D	Monitoring Well	Tritium	805 pCi/mL	CAGW OU
CRW020D	Monitoring Well	Vinyl Chloride	0.55 µg/L	CAGW OU
CRW026C	Monitoring Well	1,2-dicholroethylene	2.20 µg/L	CAGW OU NTC RA
CRW026C	Monitoring Well	cis-1,2-dicholroethylene	2.20 µg/L	CAGW OU NTC RA
CRW029C	Monitoring Well	Tetrachloroethylene	0.70 µg/L	CAGW OU NTC RA
CRW026C*	Monitoring Well	trans-1,2-dichloroethylene	MDL 0.333 µg/L	CAGW OU NTC RA
CRW027C	Monitoring Well	Trichloroethylene	42.5 µg/L	CAGW OU NTC RA
CRW024C	Monitoring Well	Tritium	1,080 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	Distal Plume
CSB020C	UTRA-Middle Aquifer Zone	Monitoring Well	CAGW OU NTC RA	Distal Plume
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	Mid Plume
CRW 1D*	UTRA-Upper Aquifer Zone	ML Monitoring Well	CAGW OU	Mid Plume
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 (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-08	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-08	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-08	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.64E+02	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-08	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-08	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Total Eubacteria	Other	2.18E+07	=	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-08	6/12/2023	Total Eubacteria	Other	1.29E+07	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	7.95E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	7.21E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.60E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	2.80E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.84E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	3.06E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.48E+02	J	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-08	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-08	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-08	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-11	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-11	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-11	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-11	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-11	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	1.83E+03	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Total Eubacteria	Other	3.64E+07	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Total Eubacteria	Other	3.40E+07	=	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-11	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.05E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	6.11E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	5.92E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.52E+06	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	5.09E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	7.34E+01	J	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-11	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-11	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-11	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-11	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-14	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-14	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-14	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-14	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	4.93E+02	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Total Eubacteria	Other	2.33E+07	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Total Eubacteria	Other	1.15E+07	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-14	6/12/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	3.11E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	3.91E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	4.21E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	4.04E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.78E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.82E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	1.61E+02	J	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-14	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-14	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-14	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-14	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CCSL-23R	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	3.00E+03	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	2.56E+02	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Total Eubacteria	Other	1.91E+07	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Total Eubacteria	Other	1.25E+07	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Methanogens	Other	6.10E+00	J	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)								
Station ID	**Sample Date**	**Parameter**	**Type**	**Result**	**Result Qualifier**	**Units**	**Detection Limit**	**Report Limit**
CCSL-23R	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	6.02E+04	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.73E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	2.57E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	6.78E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.67E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.72E+05	=	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CCSL-23R	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CCSL-23R	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Sulfate Reducing Bacteria	Other	3.75E+03	=	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)								
Station ID	**Sample Date**	**Parameter**	**Type**	**Result**	**Result Qualifier**	**Units**	**Detection Limit**	**Report Limit**
CRW023C	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)								
Station ID	**Sample Date**	**Parameter**	**Type**	**Result**	**Result Qualifier**	**Units**	**Detection Limit**	**Report Limit**
CRW023C	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	6.00E+02	=	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	1.85E+01	J	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Total Eubacteria	Other	2.40E+07	=	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Total Eubacteria	Other	3.26E+07	=	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Total Eubacteria	Other	4.30E+06	=	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Total Eubacteria	Other	5.04E+06	=	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW023C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	9.85E+04	=	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.81E+05	=	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.74E+04	=	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.90E+04	=	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	8.17E+05	=	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	8.87E+05	=	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.77E+05	=	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	3.72E+05	=	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)								
Station ID	**Sample Date**	**Parameter**	**Type**	**Result**	**Result Qualifier**	**Units**	**Detection Limit**	**Report Limit**
CRW023C	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW023C	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW023C	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW024C	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	6.88E+01	J	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Total Eubacteria	Other	2.22E+07	=	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Total Eubacteria	Other	2.79E+06	=	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Methanogens	Other	6.50E+00	J	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.25E+04	=	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.10E+04	=	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	2.03E+05	=	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.72E+05	=	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW024C	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW024C	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	6.81E+01	J	cells/bead	5.00E+00	2.50E+02
CRW024C	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW024C	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW025C	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Total Eubacteria	Other	6.77E+06	=	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Total Eubacteria	Other	8.97E+06	=	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.73E+04	=	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	5.93E+04	=	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.83E+05	=	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	3.08E+05	=	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)								
Station ID	**Sample Date**	**Parameter**	**Type**	**Result**	**Result Qualifier**	**Units**	**Detection Limit**	**Report Limit**
CRW025C	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW025C	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	1.92E+02	J	cells/bead	5.00E+00	2.50E+02
CRW025C	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW025C	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW026C	11/14/22	Sulfate Reducing Bacteria	Other	1.42E+04	=	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW026C	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW026C	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW026C	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Total Eubacteria	Other	6.37E+06	=	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Total Eubacteria	Other	6.79E+06	=	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Methanogens	Other	5.59E+01	J	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Methanogens	Other	1.39E+02	J	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.04E+03	=	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	6.27E+03	=	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.16E+04	=	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	2.04E+04	=	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	1.03E+04	=	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW026C	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW026C	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW026C	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	5.90E+02	=	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)								
Station ID	**Sample Date**	**Parameter**	**Type**	**Result**	**Result Qualifier**	**Units**	**Detection Limit**	**Report Limit**
CRW027C	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	6.88E+01	J	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Total Eubacteria	Other	1.74E+07	=	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Total Eubacteria	Other	1.75E+07	=	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.13E+04	=	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	8.40E+04	=	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	4.53E+05	=	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	6.13E+05	=	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	7.52E+01	J	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.72E+01	J	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)								
Station ID	**Sample Date**	**Parameter**	**Type**	**Result**	**Result Qualifier**	**Units**	**Detection Limit**	**Report Limit**
CRW027C	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW027C	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW027C	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW028C	11/14/22	Total Eubacteria	Other	2.40E+07	=	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Total Eubacteria	Other	8.55E+06	=	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.41E+05	=	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.06E+05	=	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	6.13E+05	=	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	3.93E+05	=	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW028C	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW028C	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW029C	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Sulfate Reducing Bacteria	Other	8.07E+03	=	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	3.57E+01	J	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Total Eubacteria	Other	1.47E+07	=	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW029C	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	1.31E+05	=	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	7.67E+03	=	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.66E+05	=	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.07E+05	=	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	3.26E+03	=	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW029C	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW029C	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	11/14/22	Sulfate Reducing Bacteria	Other	1.98E+05	=	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CRW030C	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Dehalobacter spp.	Reductive Dechlorination	4.90E+04	=	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	1.33E+02	J	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Total Eubacteria	Other	4.94E+07	=	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Total Eubacteria	Other	1.68E+07	=	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)								
Station ID	**Sample Date**	**Parameter**	**Type**	**Result**	**Result Qualifier**	**Units**	**Detection Limit**	**Report Limit**
CRW030C	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	6.08E+04	=	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	4.80E+04	=	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.65E+05	=	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	2.81E+05	=	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	4.42E+05	=	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	5.74E+05	=	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CRW030C	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CRW030C	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CSB 15D	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	1.60E+02	J	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	6.80E+03	=	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Total Eubacteria	Other	8.17E+06	=	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Total Eubacteria	Other	1.54E+07	=	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CSB 15D	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	2.04E+04	=	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	5.52E+04	=	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	1.98E+05	=	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	6.03E+05	=	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB 15D	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB 15D	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	11/14/22	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Sulfate Reducing Bacteria	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	6/12/2023	BAV1 Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	11/14/22	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	cerA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Chloroform Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)

Station ID	Sample Date	Parameter	Type	Result	Result Qualifier	Units	Detection Limit	Report Limit
CSB020C	6/12/2023	1,1 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	1,2 DCA Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Dehalobacter DCM	Reductive Dechlorination	2.18E+03	=	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Dehalobacter DCM	Reductive Dechlorination	1.60E+02	J	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Dichloromethane Dehalogenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Dehalobium chlorocoercia	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Dehalobacter spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	6/12/2023	Dehalococcoides	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	11/14/22	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Dehalogenimonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Desulfitobacterium spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Desulfuromonas spp.	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Desulfuromonas spp.	Reductive Dechlorination	4.93E+02	=	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Total Eubacteria	Other	1.84E+07	=	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Total Eubacteria	Other	1.02E+07	=	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Ethene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Epoxyalkane Transferase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Methanogens	Other	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	PCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02

Table 5. BioTrap QuantArray® Data (4Q22 & 2Q23)								
Station ID	**Sample Date**	**Parameter**	**Type**	**Result**	**Result Qualifier**	**Units**	**Detection Limit**	**Report Limit**
CSB020C	11/14/22	Phenol Hydroxylase	Aerobic (Co)Metabolic	8.04E+04	=	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Phenol Hydroxylase	Aerobic (Co)Metabolic	4.24E+04	=	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Particulate Methane Monooxygenase	CENSUS Targets	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	7.07E+05	=	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Toluene Monooxygenase 2	Aerobic (Co)Metabolic	4.79E+05	=	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Toluene Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Soluble Methane Monooxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Trichlorobenzene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	6/12/2023	tceA Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	11/14/22	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	trans-1,2-DCE Reductase	Reductive Dechlorination	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	6/12/2023	Toluene Dioxygenase	Aerobic (Co)Metabolic	2.50E+02	<	cells/bead	5.00E+00	2.50E+02
CSB020C	11/14/22	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01
CSB020C	6/12/2023	Vinyl Chloride Reductase	Reductive Dechlorination	2.50E+01	<	cells/bead	5.00E+00	2.50E+01

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APPENDIX A

CAGW OU NTC RA Analytical Data 2022-2023

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Appendix A: CAGW OU NTC RA Data			Field Data											Hydrocarbons		Inorganics				Radionuclides	VOC					
			SAMPLE 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 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	Unit	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	pCi/mL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Station	Well Use	Aquifer											GWPS				10000			20		2	70	5	100	5
CRW023C	Monitoring Well	MAZ_UTRAU	14-Nov-2022	26.6	317	7.97	5.1	28	0	9.7	18.6	173.76	No Comments	<EQL (1)	<EQL (5)	1.77	1.21	0.65	<EQL (1)	800	<EQL (2)	<EQL (1)	<EQL (1)	[0.51]	<EQL (1)	3.69
					317	7.97	5.1	28	0		18.6	173.76	No Comments	<EQL (1)	<EQL (5)	1.77	1.2	0.61	<EQL (1)	787	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	3.49
			21-Jun-2023	26.33	200	8.55	4.4	27	0	22.5	19	174.03	No Comments	<EQL (1)	<EQL (5)	2.02	1.4	0.71	[0.51]	600	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	12
					200	8.55	4.4	27.9	0	22.5	19	174.03	No Comments	<EQL (1)	<EQL (5)	2.04	1.43	0.91	<EQL (1)	651	<EQL (2)	<EQL (1)	<EQL (1)	[0.39]	<EQL (1)	13.5
CRW024C	Monitoring Well	MAZ_UTRAU	14-Nov-2022	40.24	330	7.42	4.9	30	0	2.1	18.6	177.17	No Comments	<EQL (1)	<EQL (5)	1.86	1.33	0.66	<EQL (1)	1080	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	7.7
			21-Jun-2023	40.23	169.2	8.75	4.4	277	0	12.7	19.3	177.18	No Comments	<EQL (1)	<EQL (5)	1.96	1.31	0.44	<EQL (1)	997	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	9.18
CRW025C	Monitoring Well	MAZ_UTRAU	14-Nov-2022	13.12	342	9.57	4.3	22	0	6.4	17.8	167.32	No Comments	<EQL (1)	<EQL (5)	2.05	0.74	0.6	<EQL (1)	114	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	2.6
			21-Jun-2023	12.94	361	6.7	4.6	22	0	14.2	18.6	167.5	No Comments	<EQL (1)	<EQL (5)	2.22	0.79	0.42	<EQL (1)	115	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	4.47
CRW026C	Monitoring Well	MAZ_UTRAU	14-Nov-2022	8.74	33	5.7	5.9	110	33	10.6	17.6	168.21	No Comments	<EQL (1)	2000	1.85	0.82	[0.3]	2.93	916	<EQL (2)	<EQL (1)	<EQL (1)	[0.51]	<EQL (1)	10.6
			21-Jun-2023	8.62	58	1.85	5.85	79.1	10	52.1	18.88	168.33	No Comments	1.2	1200	1.92	1.08	[0.24]	1.11	663	2.2	<EQL (1)	2.2	[0.38]	<EQL (1)	31.4
CRW027C	Monitoring Well	MAZ_UTRAU	14-Nov-2022	6.1	248	7.14	4.7	27	0	0.8	18.9	171.31	No Comments	<EQL (1)	<EQL (5)	1.85	1.27	0.8	<EQL (1)	325	<EQL (2)	<EQL (1)	[0.46]	<EQL (1)	<EQL (1)	14.3
			21-Jun-2023	5.62	218	8.38	4.39	27.3	0	6.14	18.37	171.79	No Comments	1.2	<EQL (5)	2.07	1.16	1.18	<EQL (1)	197	[1.04]	<EQL (1)	1.04	<EQL (1)	<EQL (1)	42.5
CRW028C	Monitoring Well	MAZ_UTRAU	14-Nov-2022	5.74	240	7.17	4.8	29	0	3.1	18.7	174.7	No Comments	<EQL (1)	<EQL (5)	2	1.18	0.75	<EQL (1)	104	<EQL (2)	<EQL (1)	[0.37]	<EQL (1)	<EQL (1)	28.6
			21-Jun-2023	5.93	177	8.46	4.48	24.8	0	9.7	18.9	174.51	No Comments	1.2	<EQL (5)	2.47	0.91	0.72	<EQL (1)	23.2	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	37.5
CRW029C	Monitoring Well	MAZ_UTRAU	14-Nov-2022	38.8	180	6.73	5.9	31	5	6.3	17.4	176.87	No Comments	<EQL (1)	<EQL (5)	1.94	1.21	0.48	<EQL (1)	1040	<EQL (2)	<EQL (1)	<EQL (1)	[0.7]	<EQL (1)	5.73
			21-Jun-2023	38.4	347	7.9	5.1	32	0	5.6	19.4	177.27	No Comments	1.3	<EQL (5)	2	1.2	[0.38]	<EQL (1)	793	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	6.92
CRW030C	Monitoring Well	MAZ_UTRAU	14-Nov-2022	26.3	201	5.2	5.2	23	2	1.8	18.5	173.06	No Comments	<EQL (1)	8.7	1.78	0.95	0.67	<EQL (1)	398	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	1.66
			21-Jun-2023	26	350	8.6	4.4	25	0	1.9	19	173.36	No Comments	1.1	<EQL (5)	1.8	1.1	0.59	<EQL (1)	312	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	3.27

Appendix A: CAGW OU NTC RA Data (continued)			Field Data											Hydrocarbons		Inorganics				Radionuclides	VOC					
			SAMPLE 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 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	Unit	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	pCi/mL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Station	Well Use	Aquifer											GWPS				10000			20		2	70	5	100	5
CSB 15D	Monitoring Well	MAZ_UTRAU	14-Nov-2022	30.4	250	4.4	5.7	26	8	8.6	18.4	169.33	No Comments	<EQL (1)	<EQL (5)	2.35	1.05	0.42	<EQL (1)	389	<EQL (2)	<EQL (1)	<EQL (1)	[0.54]	<EQL (1)	49.5
			21-Jun-2023	29.6	336	8.7	4.4	26	0	3.5	18	170.13	No Comments	<EQL (1)	<EQL (5)	2.37	1.01	[0.33]	<EQL (1)	239	<EQL (2)	<EQL (1)	<EQL (1)	[0.4]	<EQL (1)	37.6
CSB020C	Monitoring Well	MAZ_UTRAU	14-Nov-2022	41.7	232	4.2	5.6	30	10	9	18.2	177.25	No Comments	<EQL (1)	<EQL (5)	2.56	1.3	0.53	<EQL (1)	241	<EQL (2)	<EQL (1)	<EQL (1)	[0.49]	<EQL (1)	35.2
			21-Jun-2023	40.9	375	8.6	4.5	30	0	3.2	18.8	178.05	No Comments	1.4	<EQL (5)	3.04	1.49	[0.37]	<EQL (1)	209	<EQL (2)	<EQL (1)	<EQL (1)	[0.4]	<EQL (1)	40.2
CCSL-08	Seepline		14-Nov-2022	0.1	258	3.9	5.2	27	1	7	14.5	157.3	No Comments	<EQL (1)	<EQL (5)	2.3	0.59	0.69	[0.81]	81	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	4.5
			21-Jun-2023	0.1	190	6.1	5.5	29	3	28.5	19.7	157.3	No Comments	<EQL (5)	<EQL (25)	2.69	0.8	0.45	[0.94]	89.7	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	7.05
CCSL-11	Seepline		16-Nov-2022	1.43	217	2.6	6.1	44	10	388	15	157.17	No Comments	<EQL (1)	<EQL (5)	2.78	0.3	0.56	1.4	<EQL (1.26)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.89]
			21-Jun-2023	1.34	132	6.1	6.7	39	12	321	20.1	157.26	No Comments	<EQL (5)	<EQL (25)	3	[0.82]	0.81	2.07	72.5	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CCSL-14	Seepline		14-Nov-2022	0.9	243	7	5.5	22	4	33	11	156.9	No Comments	<EQL (1)	<EQL (5)	2.18	0.49	[0.38]	<EQL (1)	98.2	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	4.46
			21-Jun-2023	0.97	202	5.5	6	24	6	23.3	21.2	156.83	No Comments	<EQL (1)	<EQL (5)	2.55	0.69	[0.37]	[0.41]	99.7	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	3.43
CCSL-23R	Seepline		14-Nov-2022	3.74	269	3.9	5	25	0	15	12.4	154.57	No Comments	<EQL (1)	<EQL (5)	2.55	0.41	1.54	[0.97]	297	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	9.3
			21-Jun-2023	NS	175	5.8	5.1	27	2	35.1	21.9	NS	No Comments	<EQL (5)	<EQL (25)	2.87	0.69	1.3	1.3	198	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	8.02
CC 05	Surface Water		15-Nov-2022	NS	273	4.9	5.1	36	1	3.7	14.1	NS	No Comments	<EQL (1)	<EQL (5)	2.3	[0.54]	0.76	[0.66]	18.7	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
			13-Jun-2023	NS	192	8.36	5.8	22	4	13.6	19.4	NS	No Comments	<EQL (1)	<EQL (5)	2.4	0.55	0.86	[0.67]	16.1	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.83]
CC 07	Surface Water		15-Nov-2022	NS	215	6.2	5.8	23	4	2.6	14.2	NS	No Comments	<EQL (1)	<EQL (5)	2.46	[0.54]	0.81	[0.6]	[1.04]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.82]
			13-Jun-2023	NS	247	8.82	5.7	22	4	1.4	18.9	NS	No Comments	<EQL (1)	<EQL (5)	2.4	0.55	0.86	[0.66]	[0.47]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.67]

Appendix A: CAGW OU NTC RA Data (continued)			Field Data											Hydrocarbons		Inorganics				Radionuclides	VOC					
			SAMPLE 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 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	Unit	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	pCi/mL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Station	Well Use	Aquifer											GWPS				10000			20		2	70	5	100	5
CC 08	Surface Water		15-Nov-2022	NS	227	4.8	5.8	23	6	2.4	14.1	NS	No Comments	<EQL (1)	<EQL (5)	2.34	[0.55]	0.76	[0.88]	16.7	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	1.06
			13-Jun-2023	NS	200	8.41	5.8	22	5	2.1	19.1	NS	No Comments	<EQL (1)	<EQL (5)	2.41	0.56	0.86	[0.73]	14.9	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	1.04
CCT 01	Surface Water		15-Nov-2022	NS	136	4.2	5.8	25	5	18.4	15.4	NS	No Comments	<EQL (1)	29	2.37	[0.61]	0.52	1.07	261	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	9.05
			13-Jun-2023	NS	137.5	8.2	5.2	26	1	7	19	NS	No Comments	<EQL (1)	24	2.34	0.62	0.44	1.02	226	<EQL (2)	<EQL (1)	[0.35]	<EQL (1)	<EQL (1)	8.97
CCT 02	Surface Water		15-Nov-2022	NS	199	4.2	5.6	20	4	32	14.4	NS	No Comments	<EQL (1)	<EQL (5)	2.5	[0.33]	0.59	1.8	36	<EQL (2)	<EQL (1)	[0.39]	<EQL (1)	<EQL (1)	5.24
			13-Jun-2023	NS	151	7.8	5.6	49	3	9.7	19.5	NS	No Comments	<EQL (1)	<EQL (5)	2.55	0.35	0.48	1.62	26.2	<EQL (2)	<EQL (1)	[0.34]	<EQL (1)	<EQL (1)	7.07
CCT 03	Surface Water		15-Nov-2022	NS	226	3.8	5.5	20	3	44.2	14	NS	No Comments	<EQL (1)	<EQL (5)	2.62	[0.2]	0.7	2.23	3.43	<EQL (2)	<EQL (1)	[0.6]	<EQL (1)	<EQL (1)	5.28
			13-Jun-2023	NS	139	4.1	4.6	19	0	2.4	19.6	NS	No Comments	<EQL (1)	<EQL (5)	2.71	0.23	0.52	1.94	2.19	[0.8]	<EQL (1)	[0.8]	<EQL (1)	<EQL (1)	7.33

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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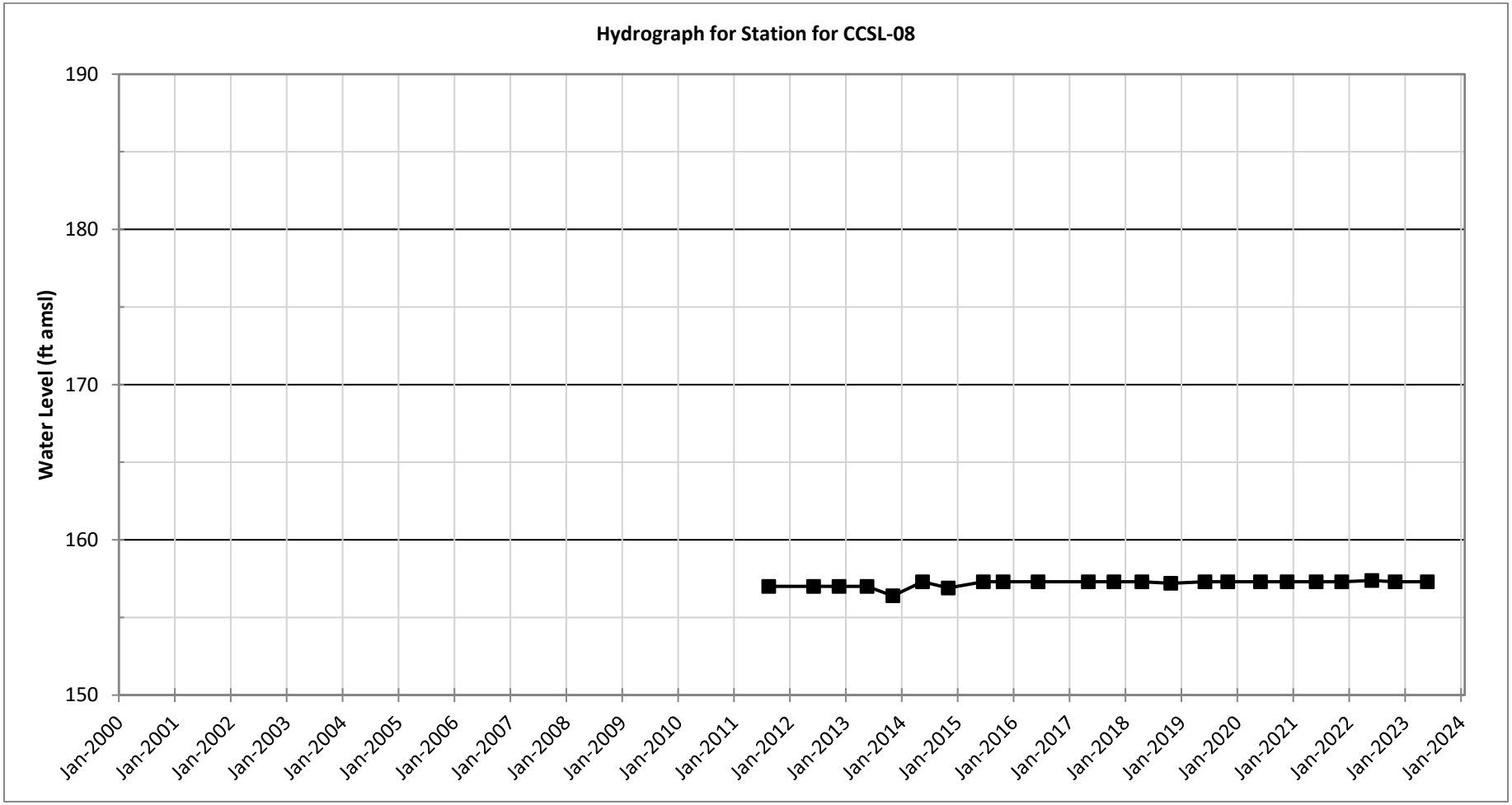
Figure B-1.


Hydrograph for Station for CCSL-08
Water Level (ft amsl)
190
180
170
160
150
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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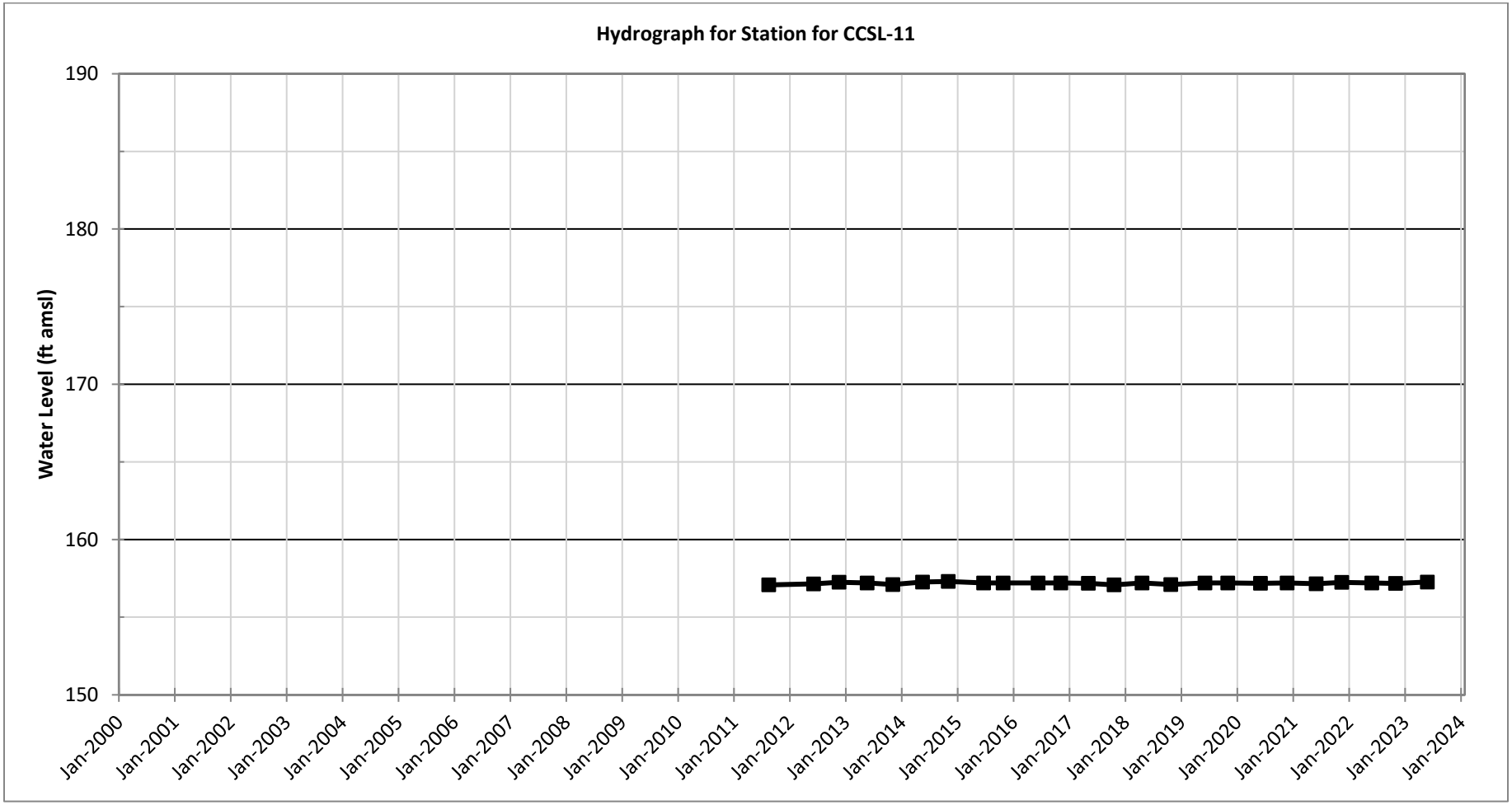
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024

Figure B-2.


Hydrograph for Station for CCSL-11
Water Level (ft amsl)
190
180
170
160
150
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-2013
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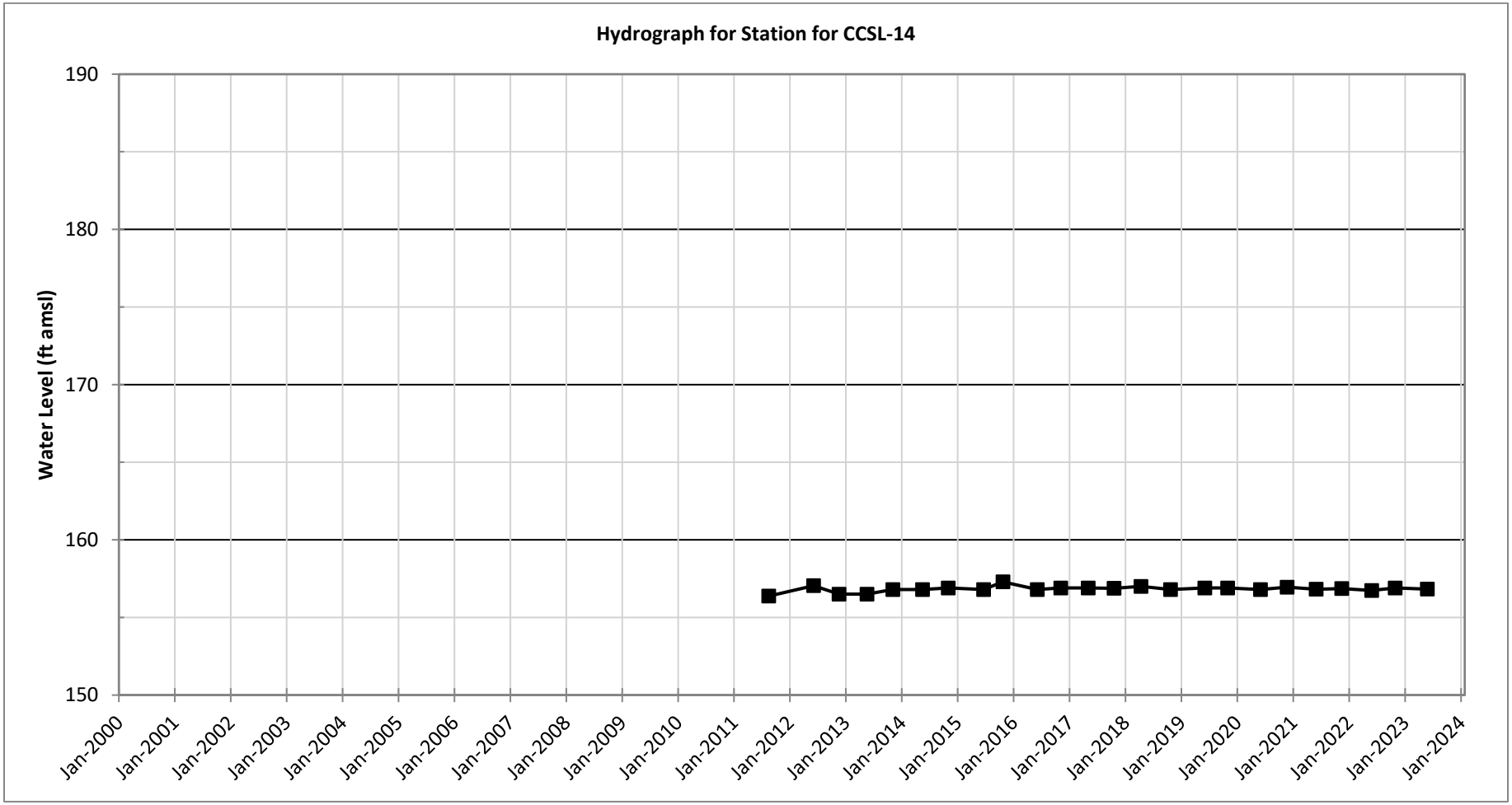
Jan-2024

Figure B-3.


Hydrograph for Station for CCSL-14
Water Level (ft amsl)
190
180
170
160
150
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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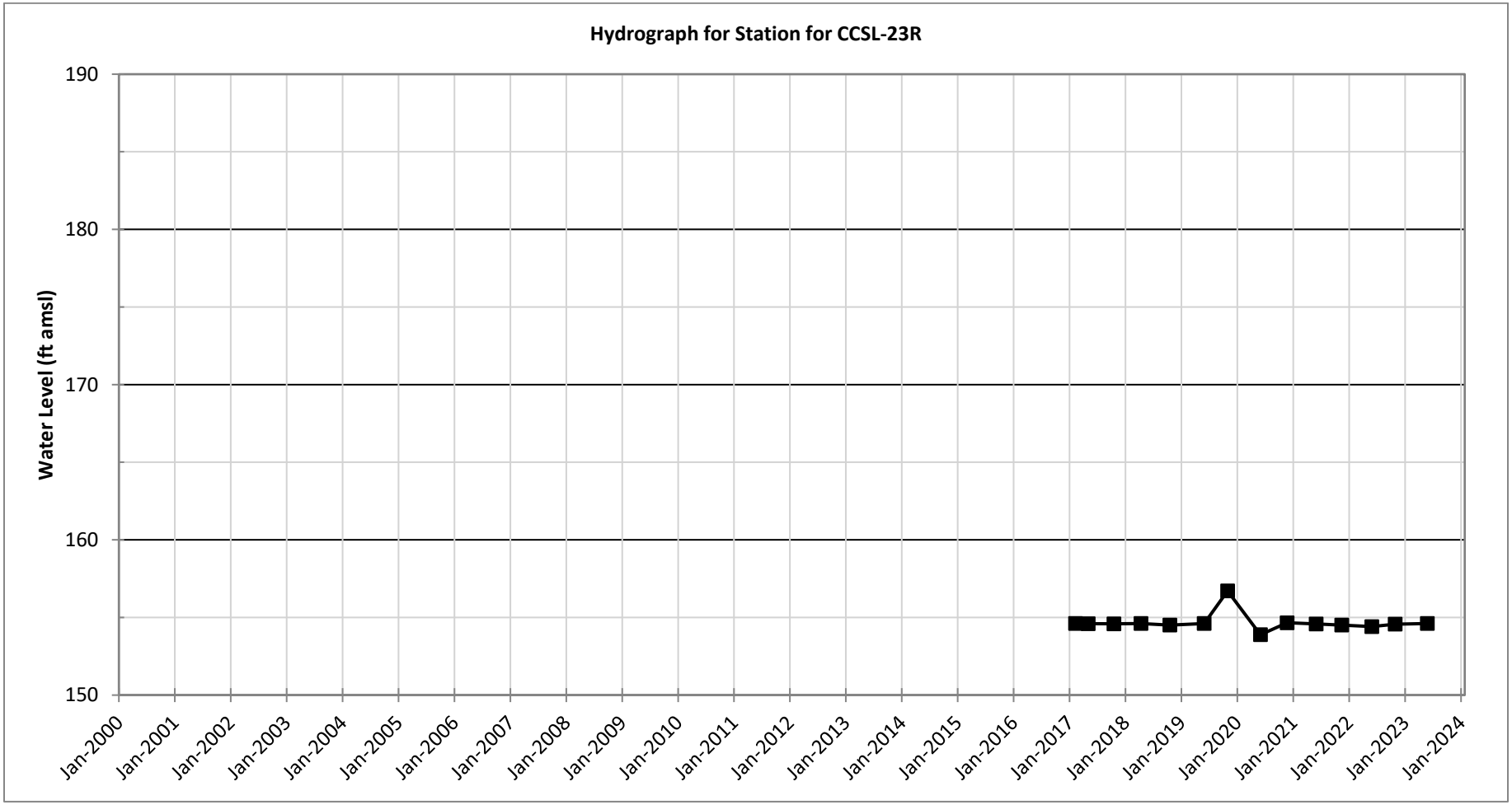
Jan-2023
Jan-2024

Figure B-4.


Hydrograph for Station for CCSL-23R
Water Level (ft amsl)
190
180
170
160
150
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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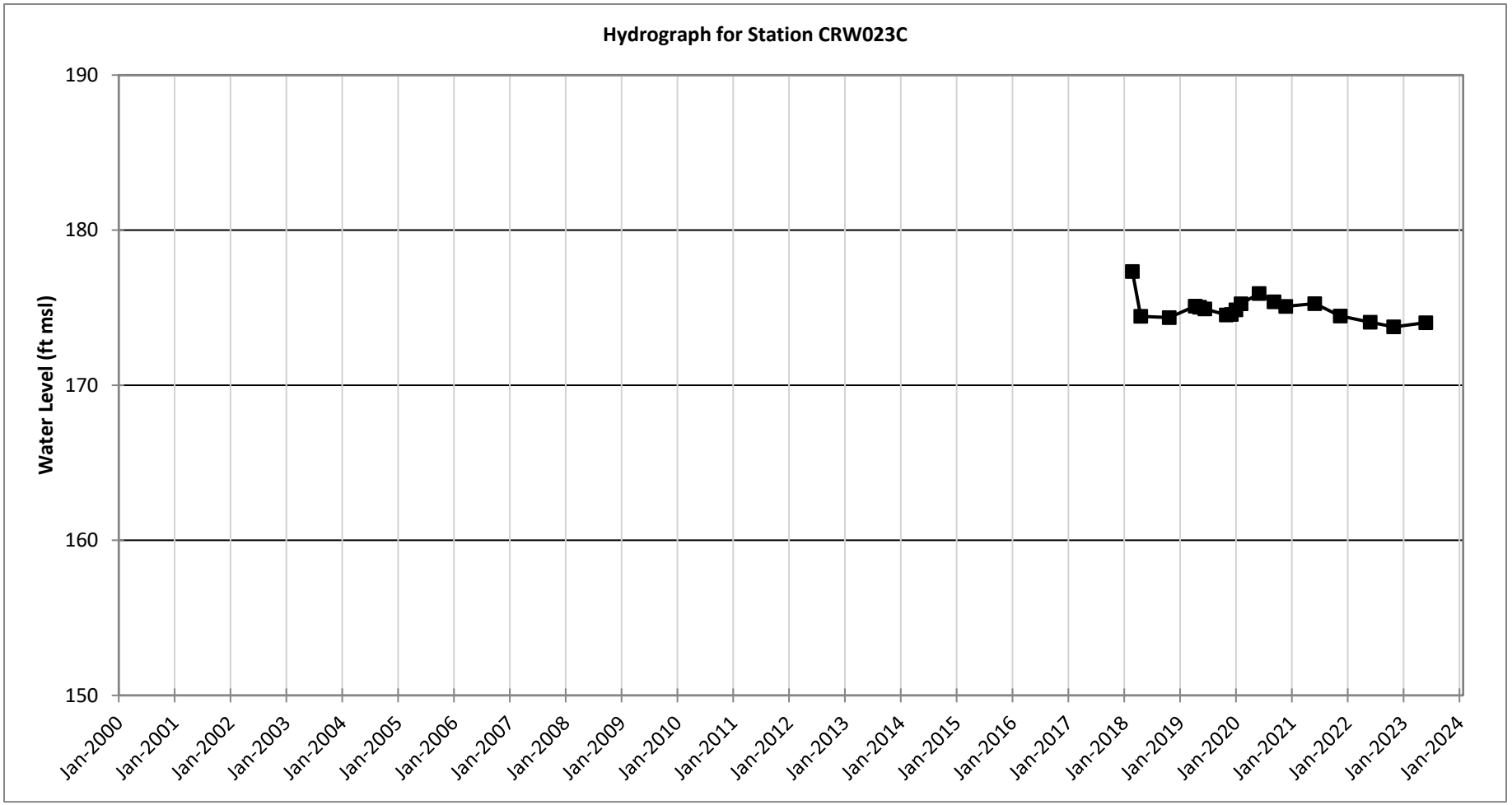
Jan-2021
Jan-2022
Jan-2023
Jan-2024

Figure B-5.


Hydrograph for Station CRW023C
Water Level (ft msl)
190
180
170
160
150
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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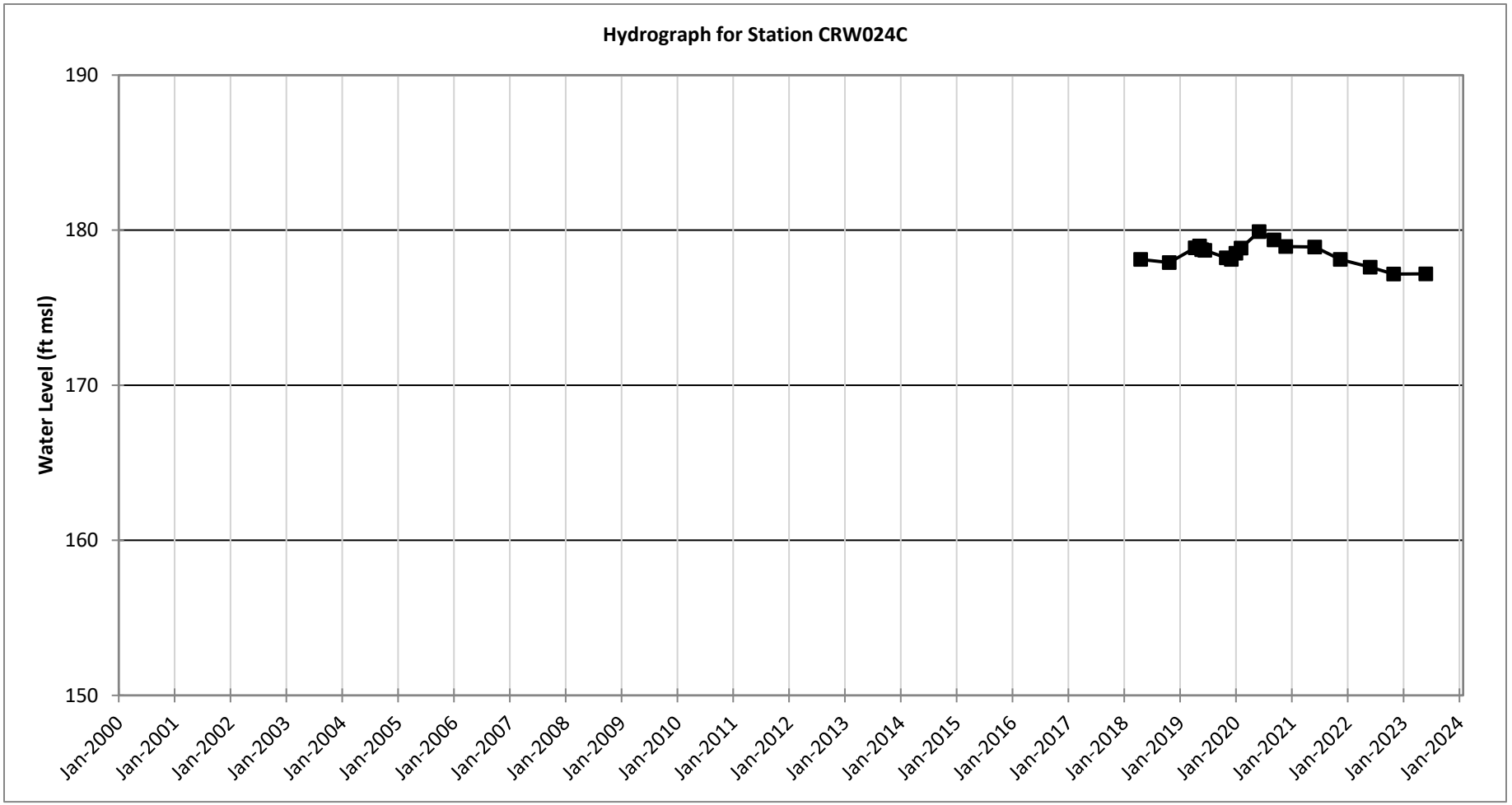
Jan-2022
Jan-2023
Jan-2024

Figure B-6.


Hydrograph for Station CRW024C
Water Level (ft msl)
190
180
170
160
150
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
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Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
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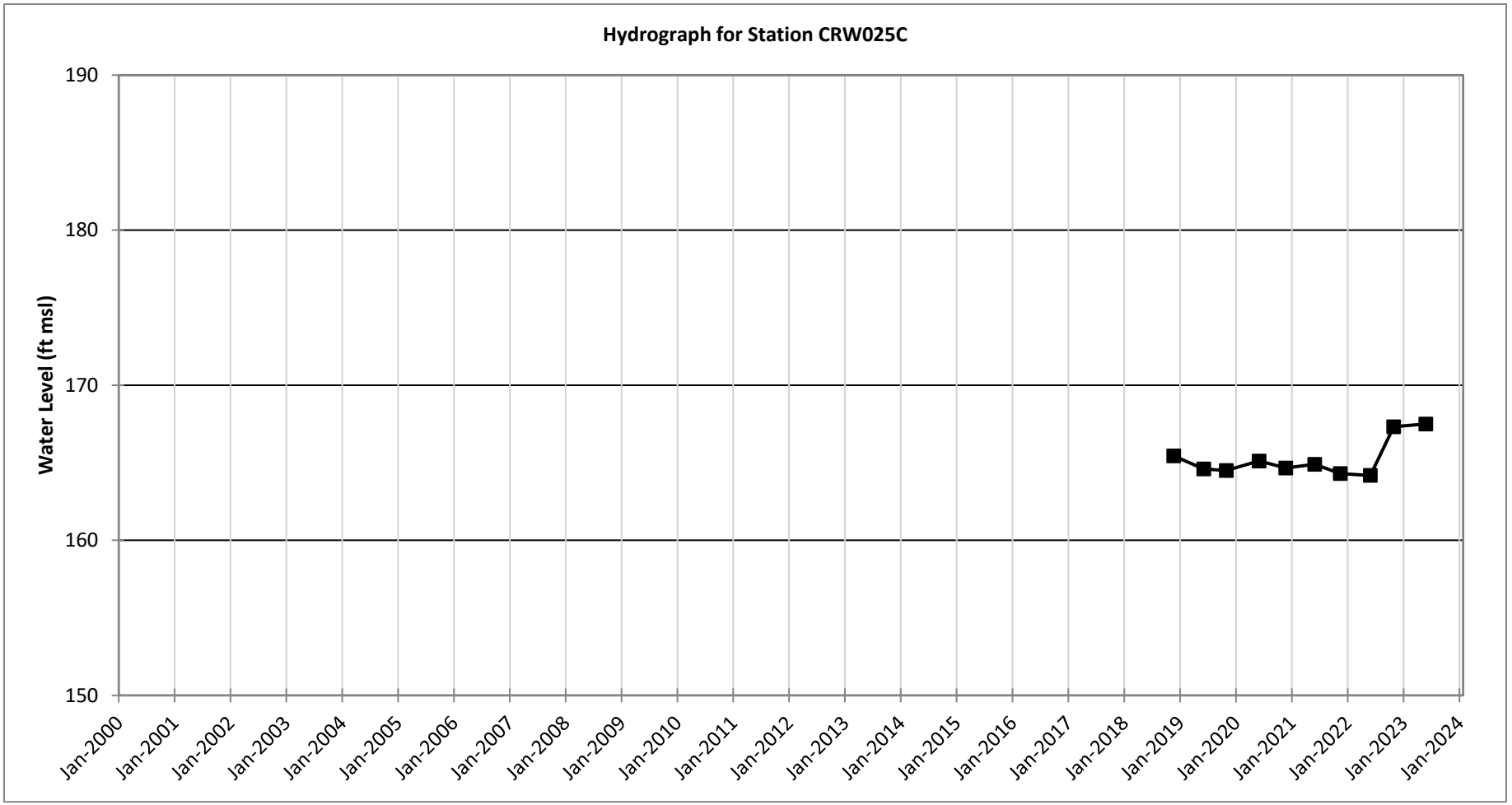
Jan-2022
Jan-2023
Jan-2024

Figure B-7.


Hydrograph for Station CRW025C
Water Level (ft msl)
190
180
170
160
150
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
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Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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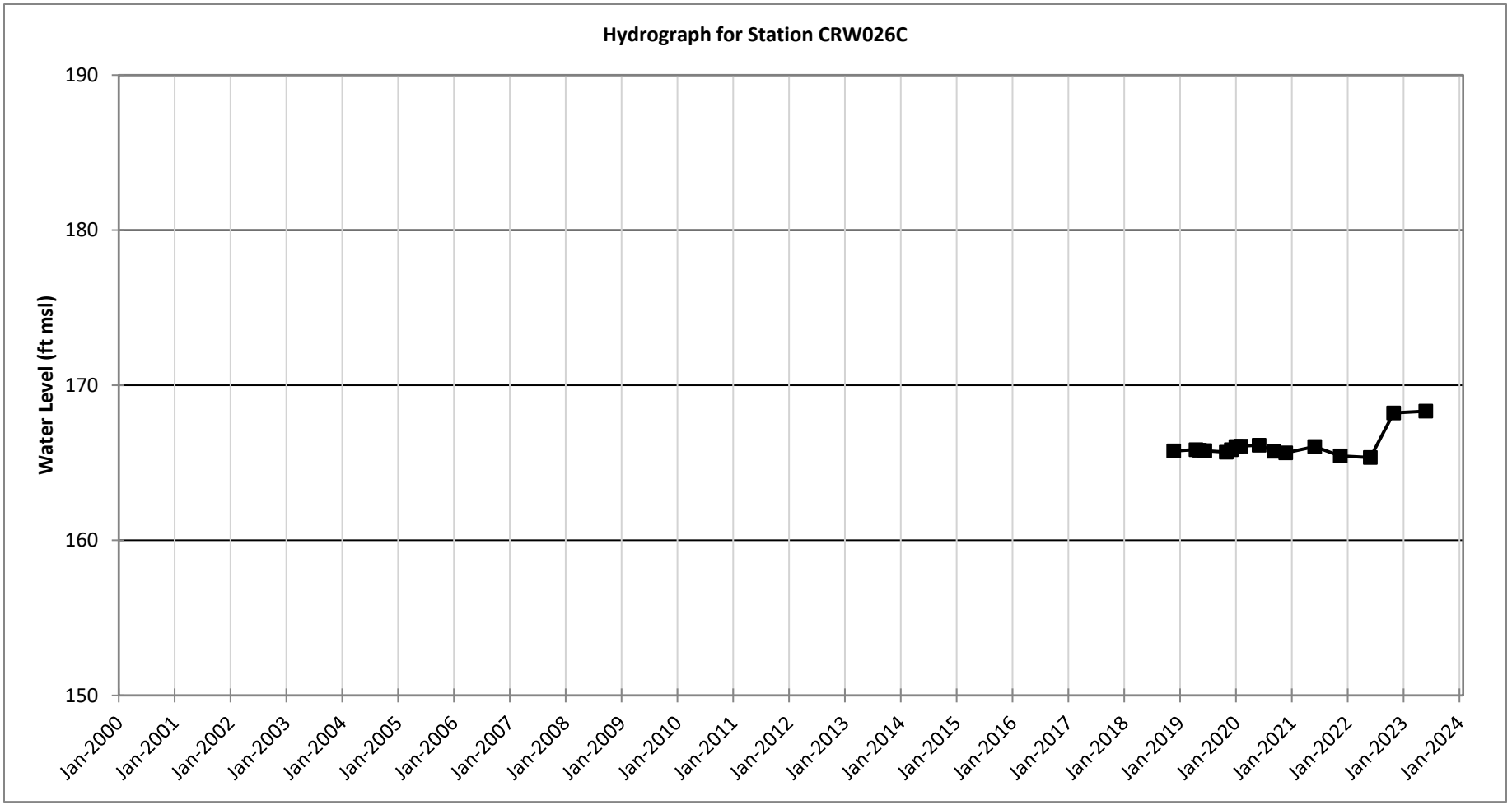
Jan-2024

Figure B-8.


Hydrograph for Station CRW026C
Water Level (ft msl)
190
180
170
160
150
Jan-2000
Jan-2001
Jan-2002
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Jan-2004
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Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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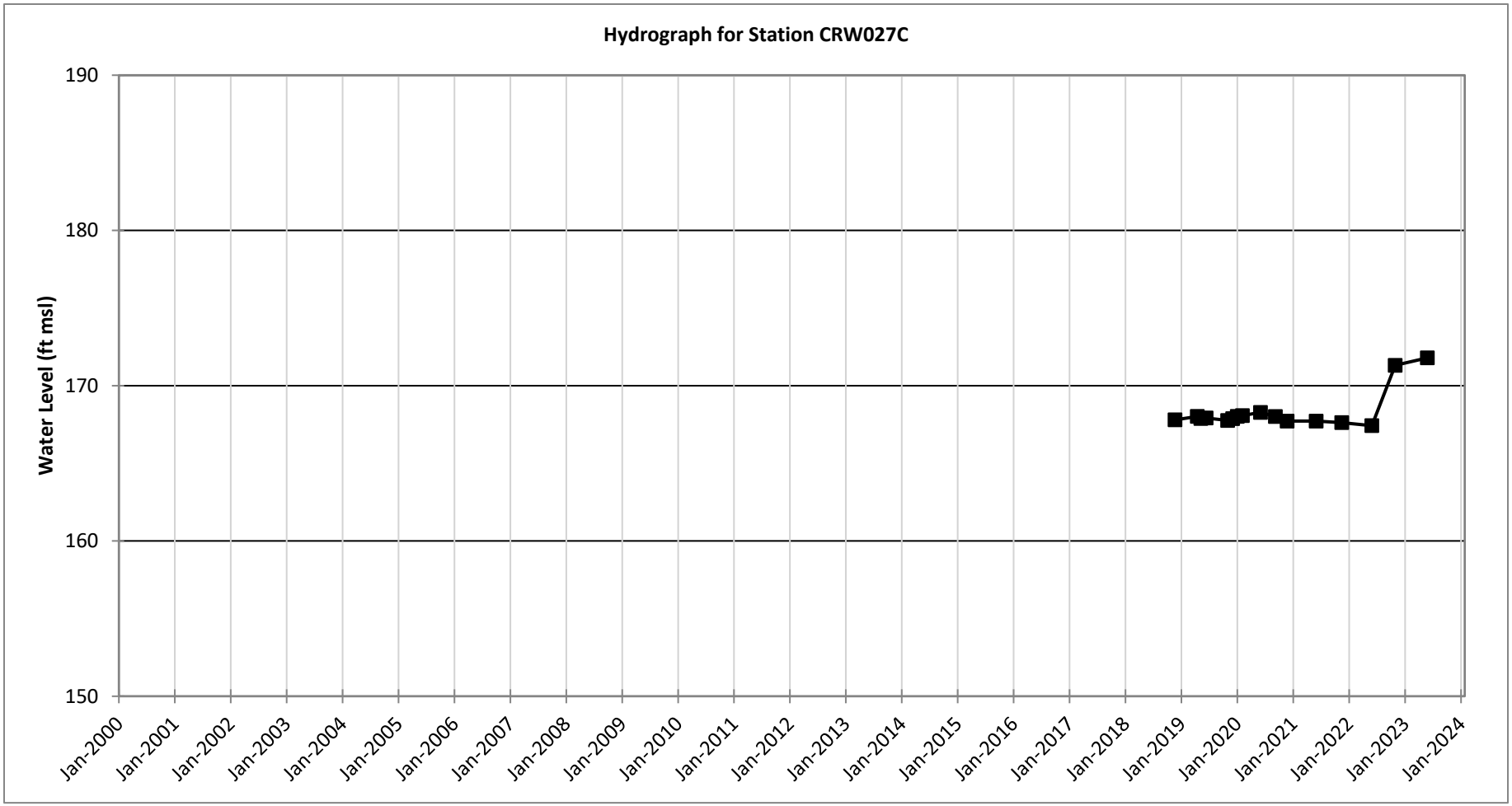
Jan-2023
Jan-2024

Figure B-9.


Hydrograph for Station CRW027C
Water Level (ft msl)
190
180
170
160
150
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
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Jan-2006
Jan-2007
Jan-2008
Jan-2009
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Jan-2011
Jan-2012
Jan-2013
Jan-2014
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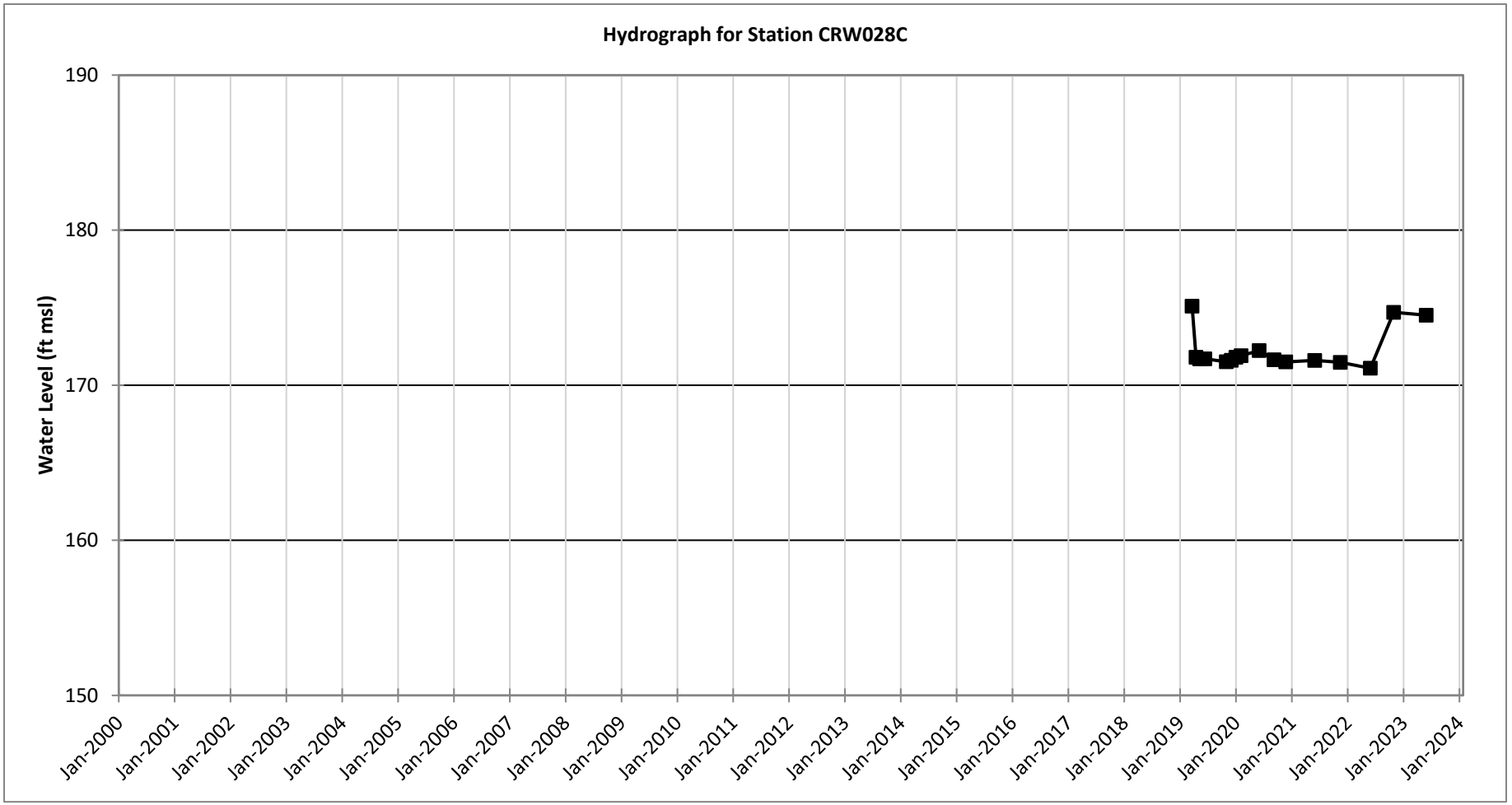
Jan-2022
Jan-2023
Jan-2024

Figure B-10.


Hydrograph for Station CRW028C
Water Level (ft msl)
190
180
170
160
150
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Jan-2001
Jan-2002
Jan-2003
Jan-2004
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Jan-2006
Jan-2007
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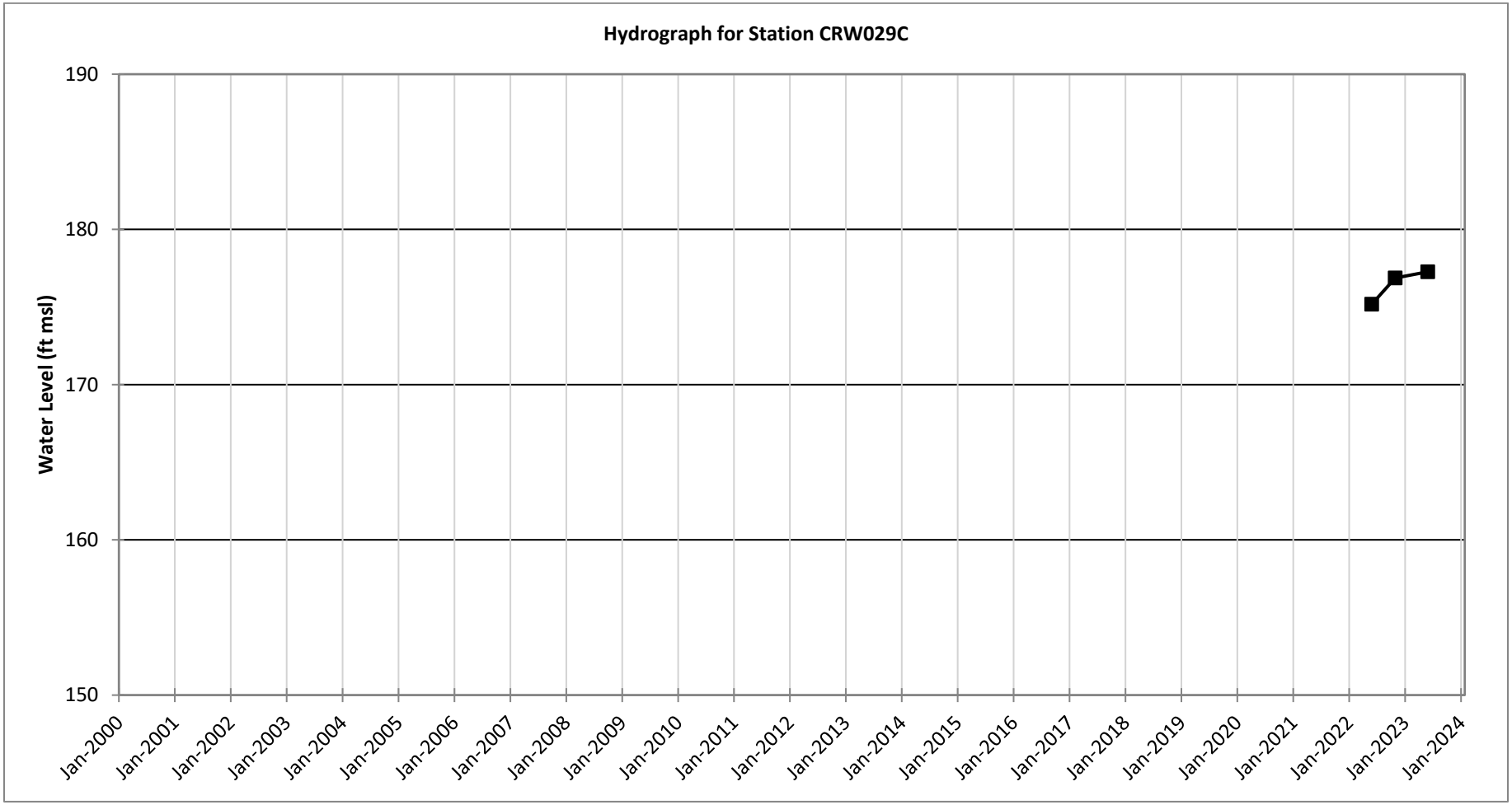
Jan-2024

Figure B-11.


Hydrograph for Station CRW029C
Water Level (ft msl)
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180
170
160
150
Jan-2000
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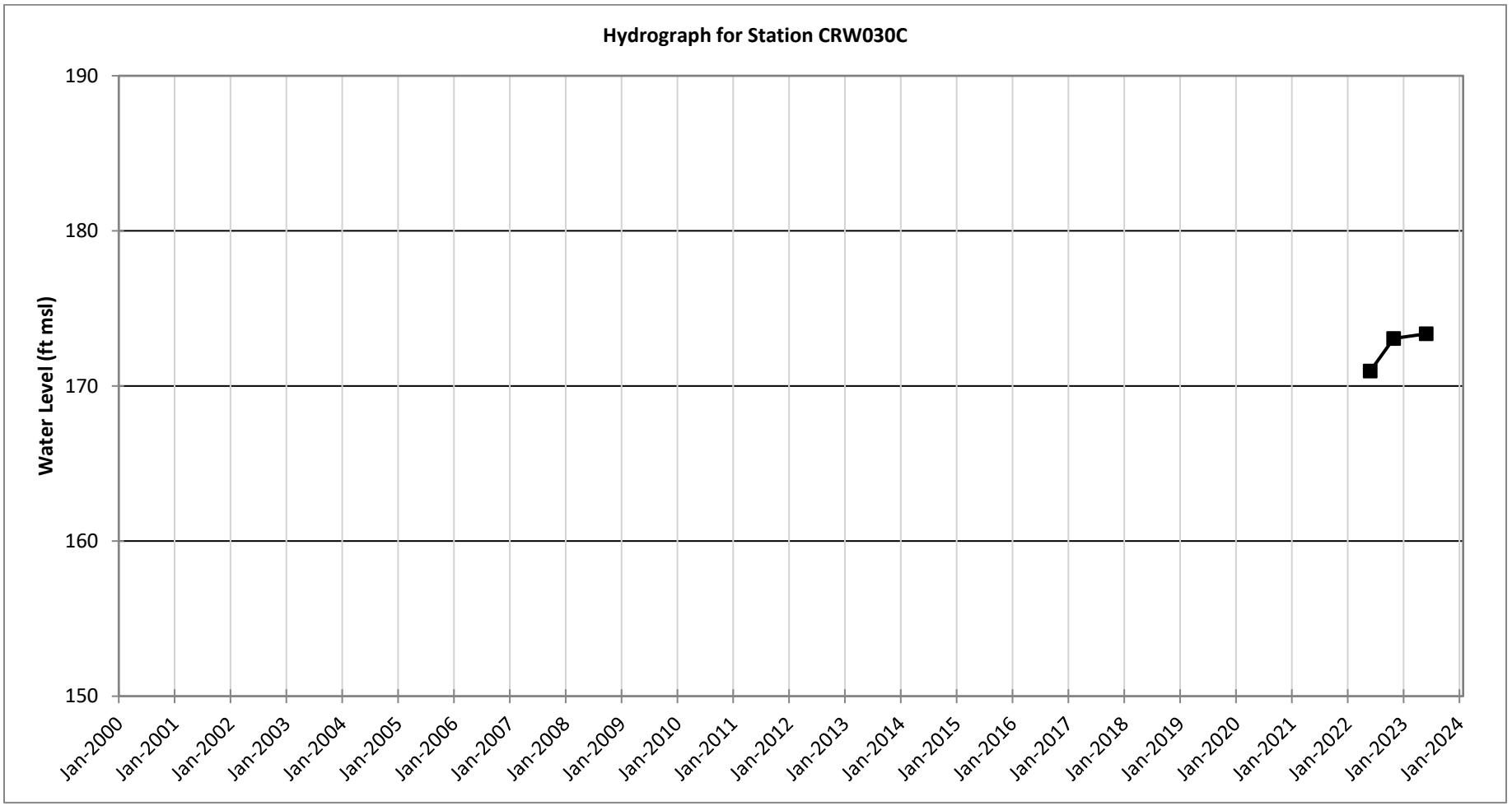
Jan-2022
Jan-2023
Jan-2024

Figure B-12.


Hydrograph for Station CRW030C
Water Level (ft msl)
190
180
170
160
150
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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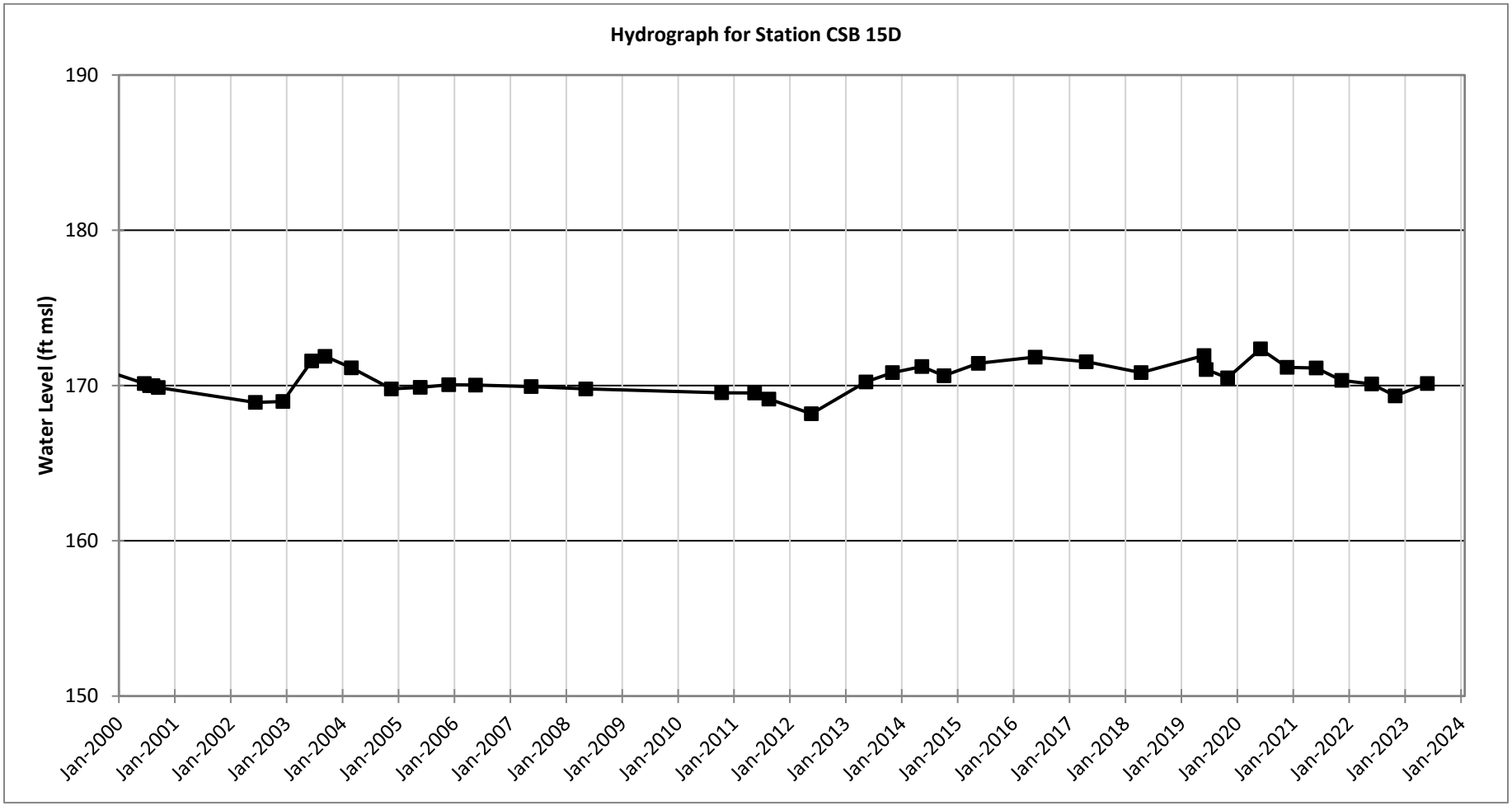
Jan-2022
Jan-2023
Jan-2024

Figure B-13.


Hydrograph for Station CSB 15D
Water Level (ft msl)
190
180
170
160
150
Jan-2000
Jan-2001
Jan-2002
Jan-2003
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Jan-2006
Jan-2007
Jan-2008
Jan-2009
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Jan-2012
Jan-2013
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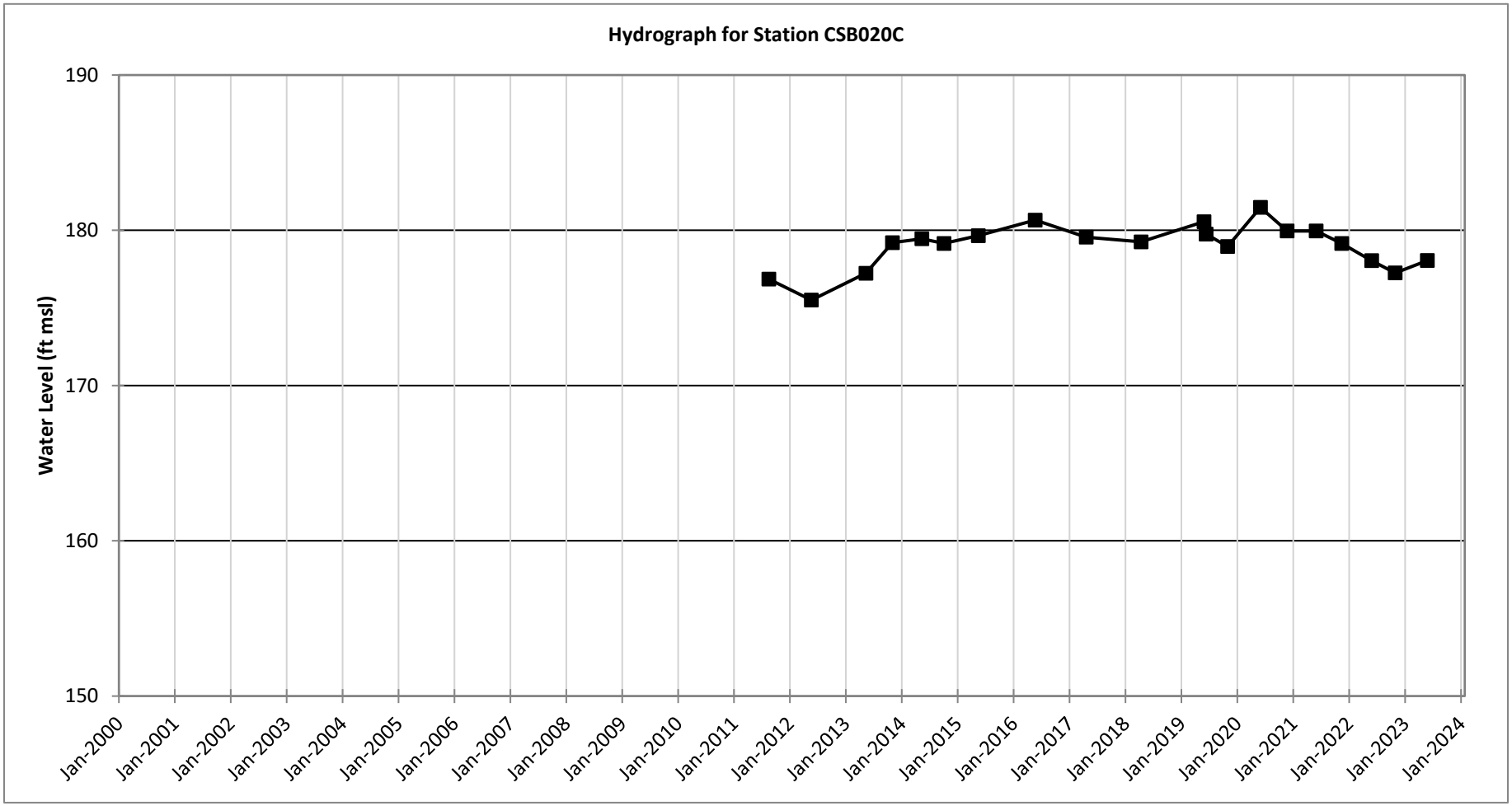
Jan-2023
Jan-2024

Figure B-14.


Hydrograph for Station CSB020C
Water Level (ft msl)
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170
160
150
Jan-2000
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Jan-2002
Jan-2003
Jan-2004
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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

APPENDIX C

Time-Series Plots

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Figure C-1.

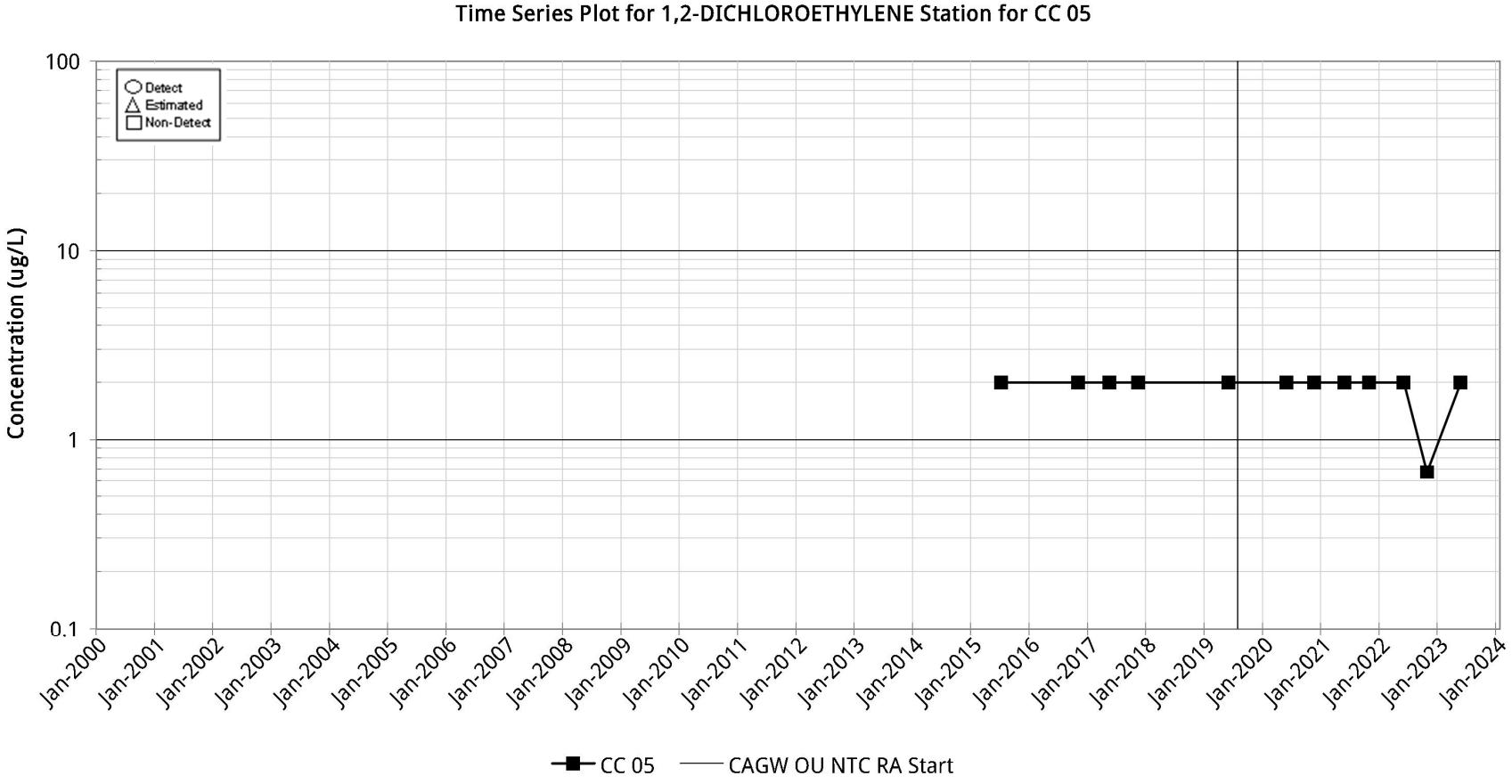

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CC 05
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-2.

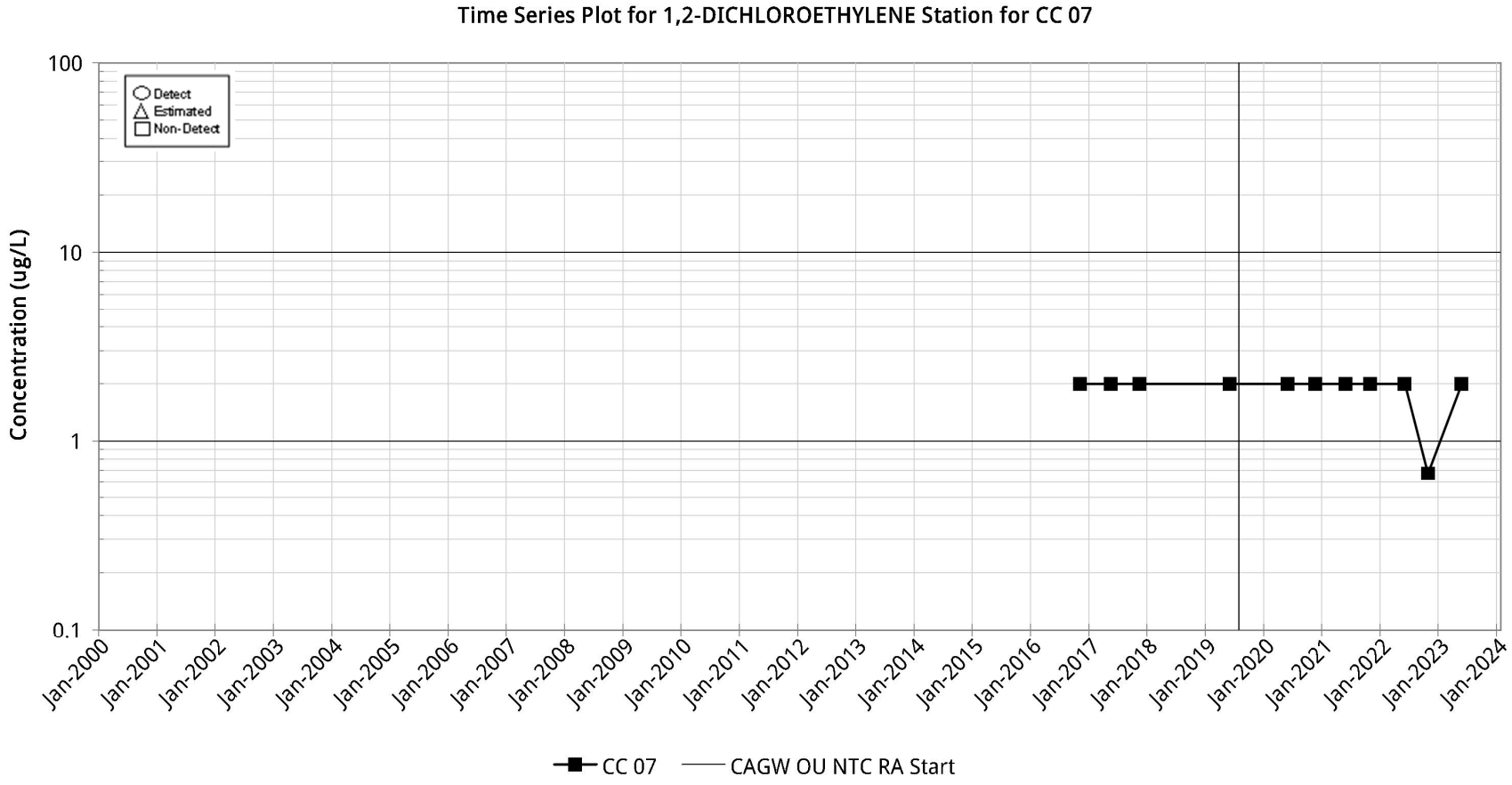

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CC 07
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-3.

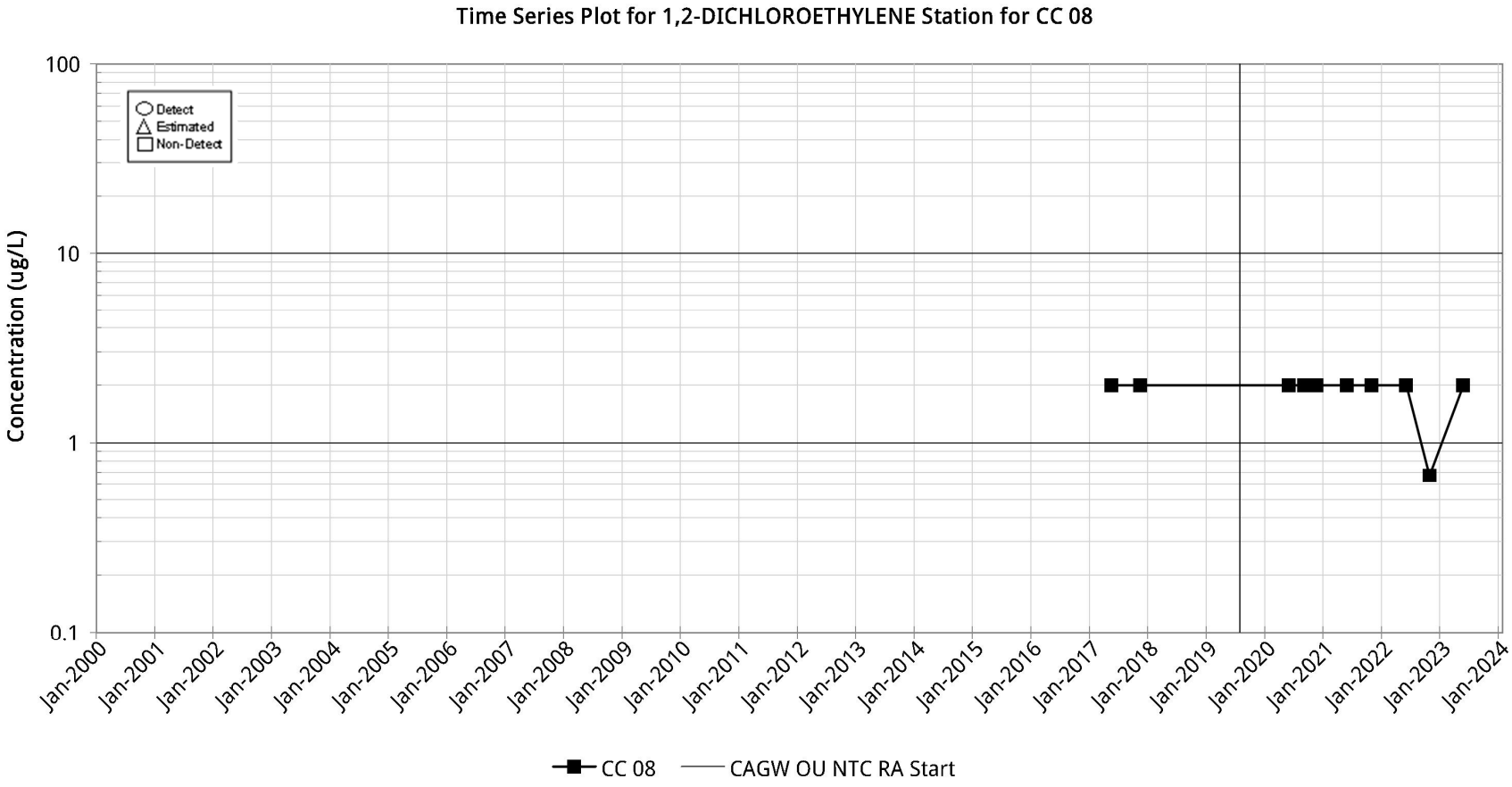

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CC 08
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-4.

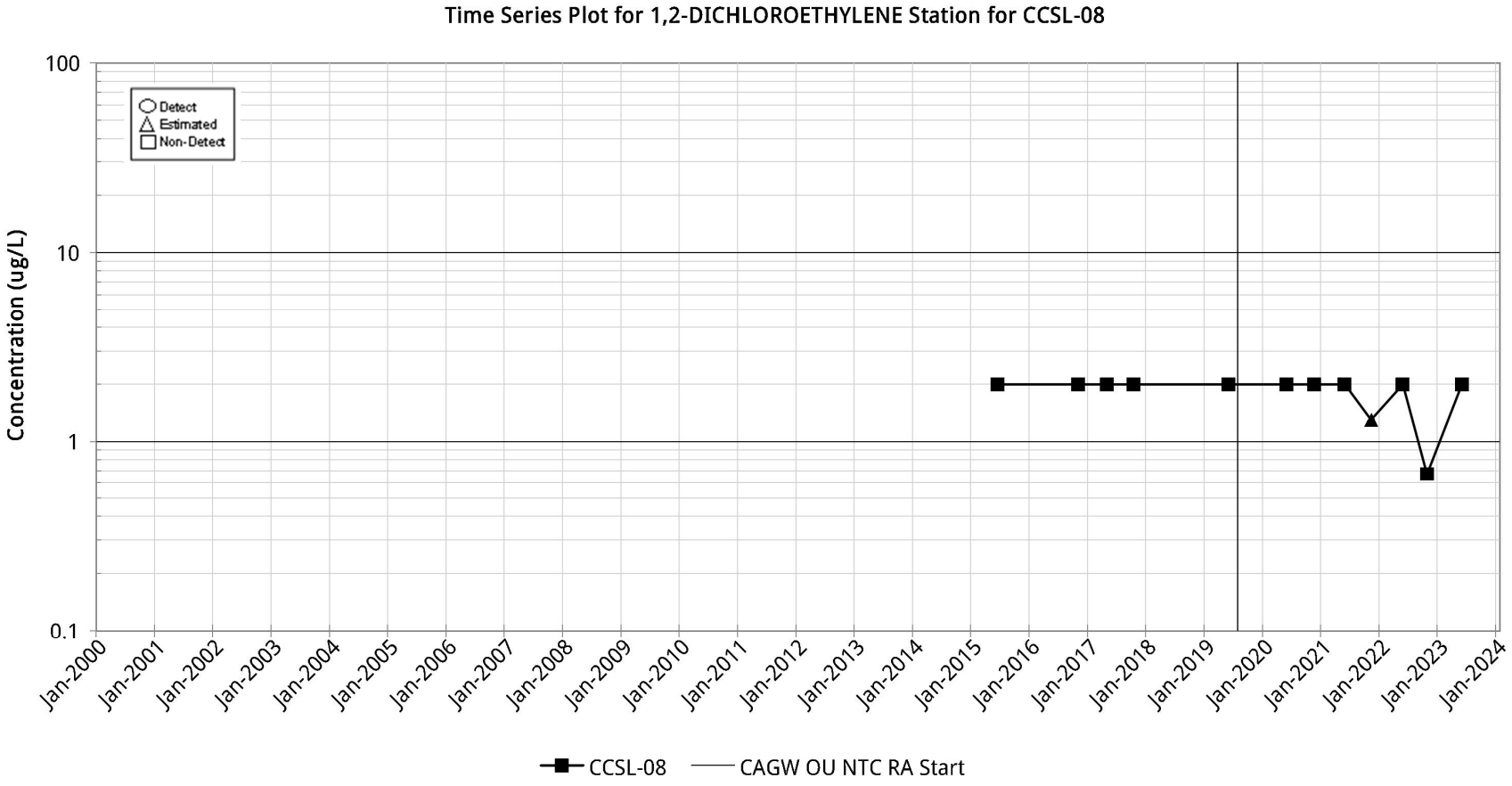

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCSL-08
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-5.

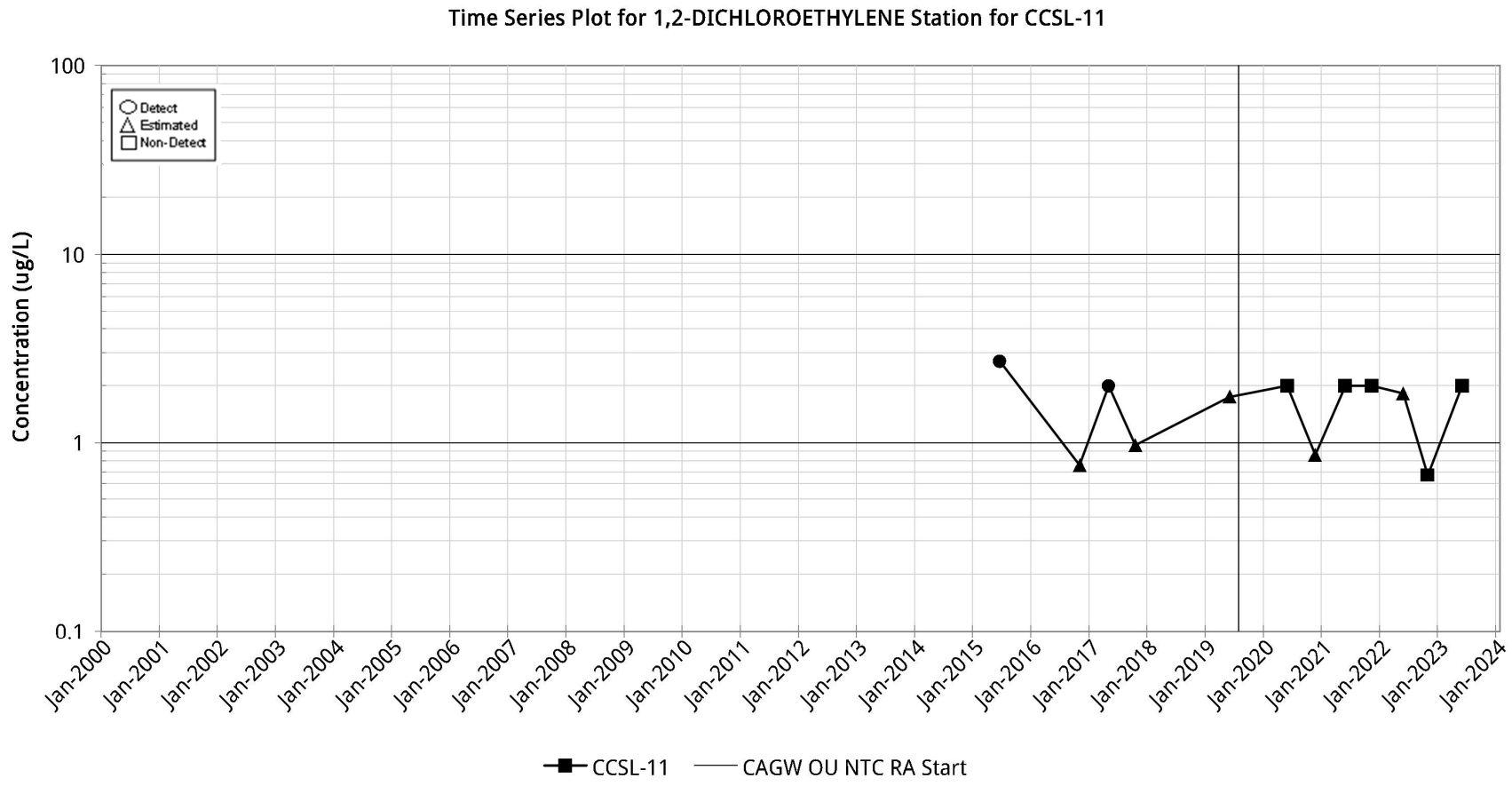

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCSL-11
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-6.

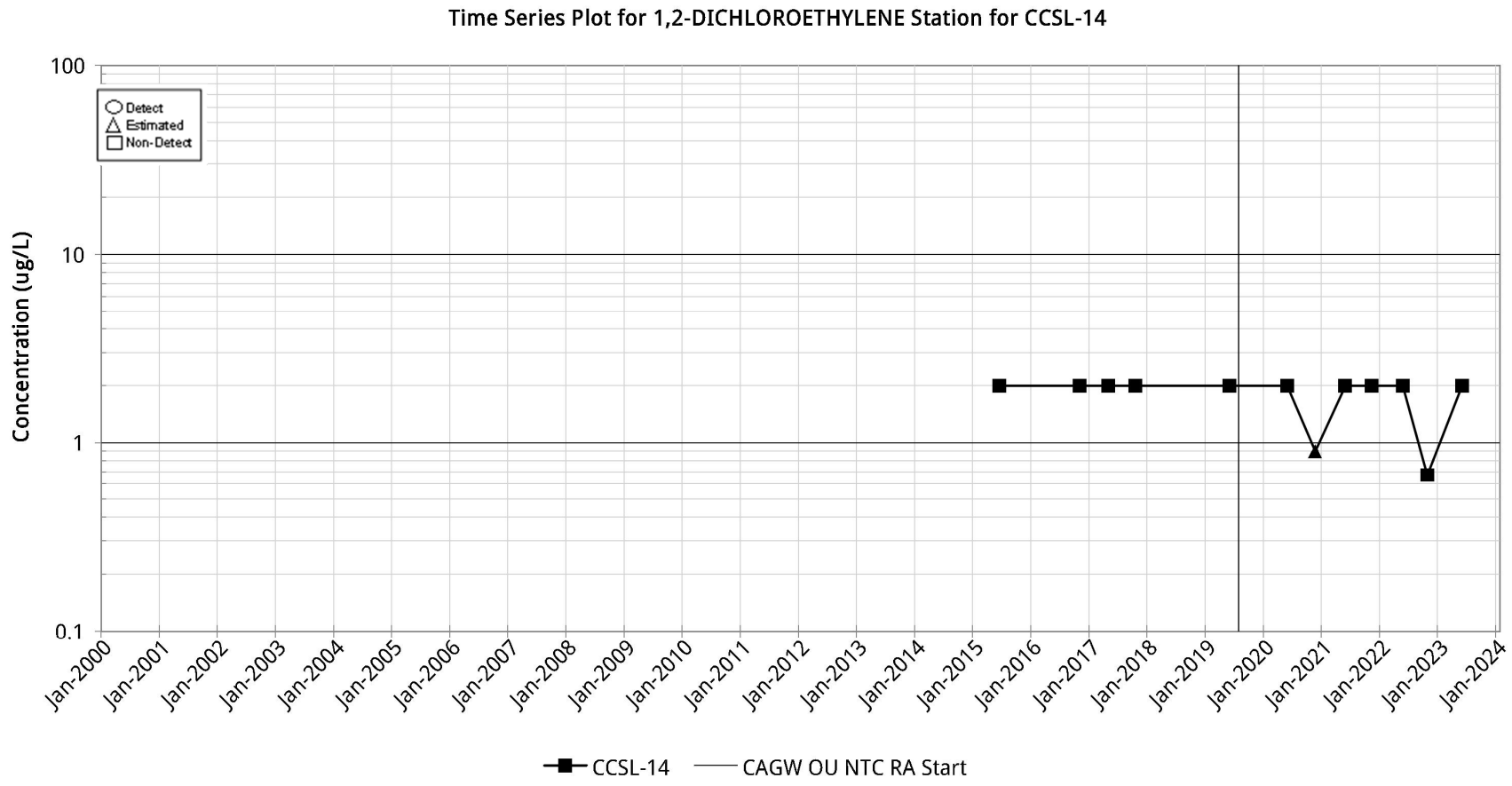

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCSL-14
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-7.

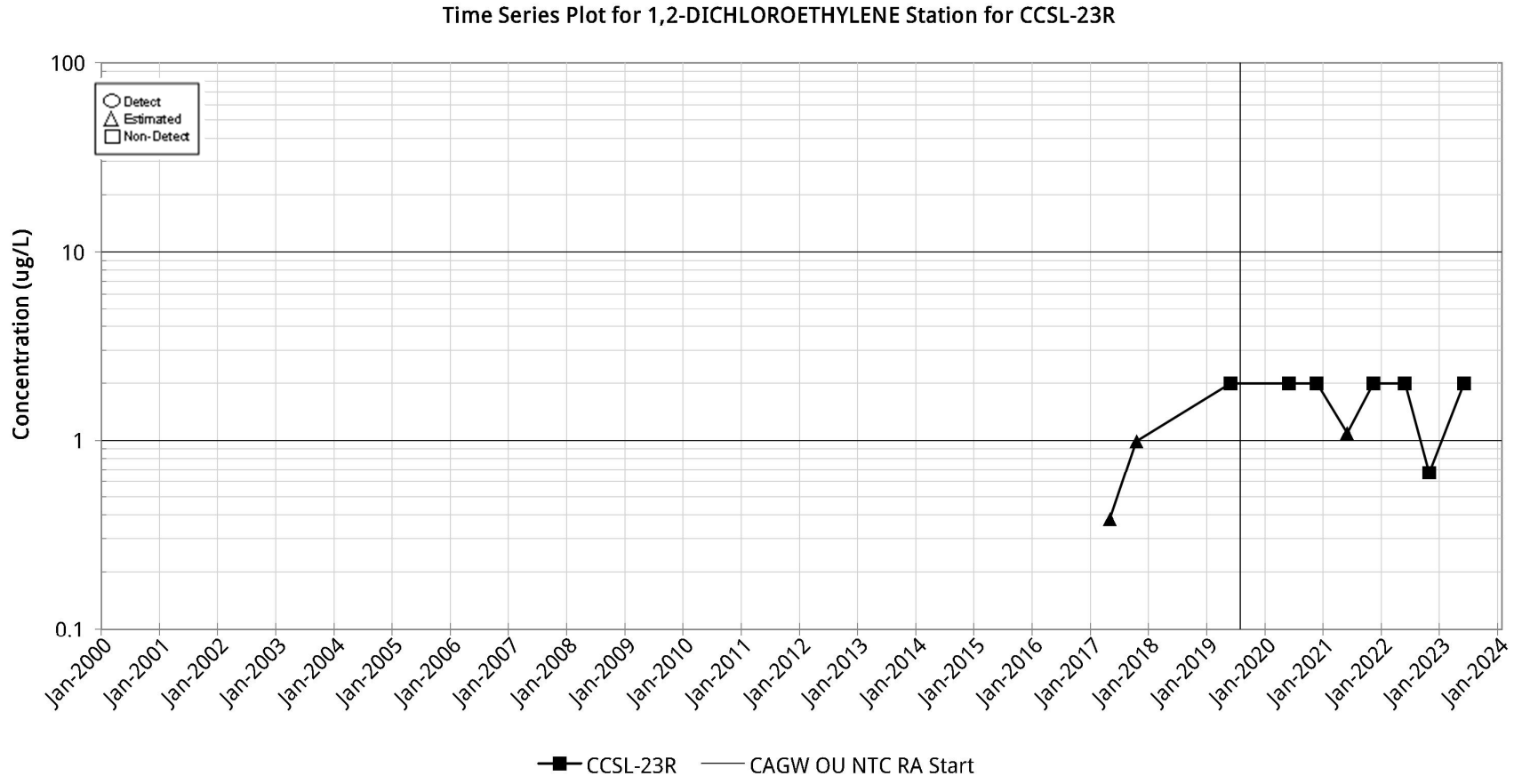

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCSL-23R
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-8.

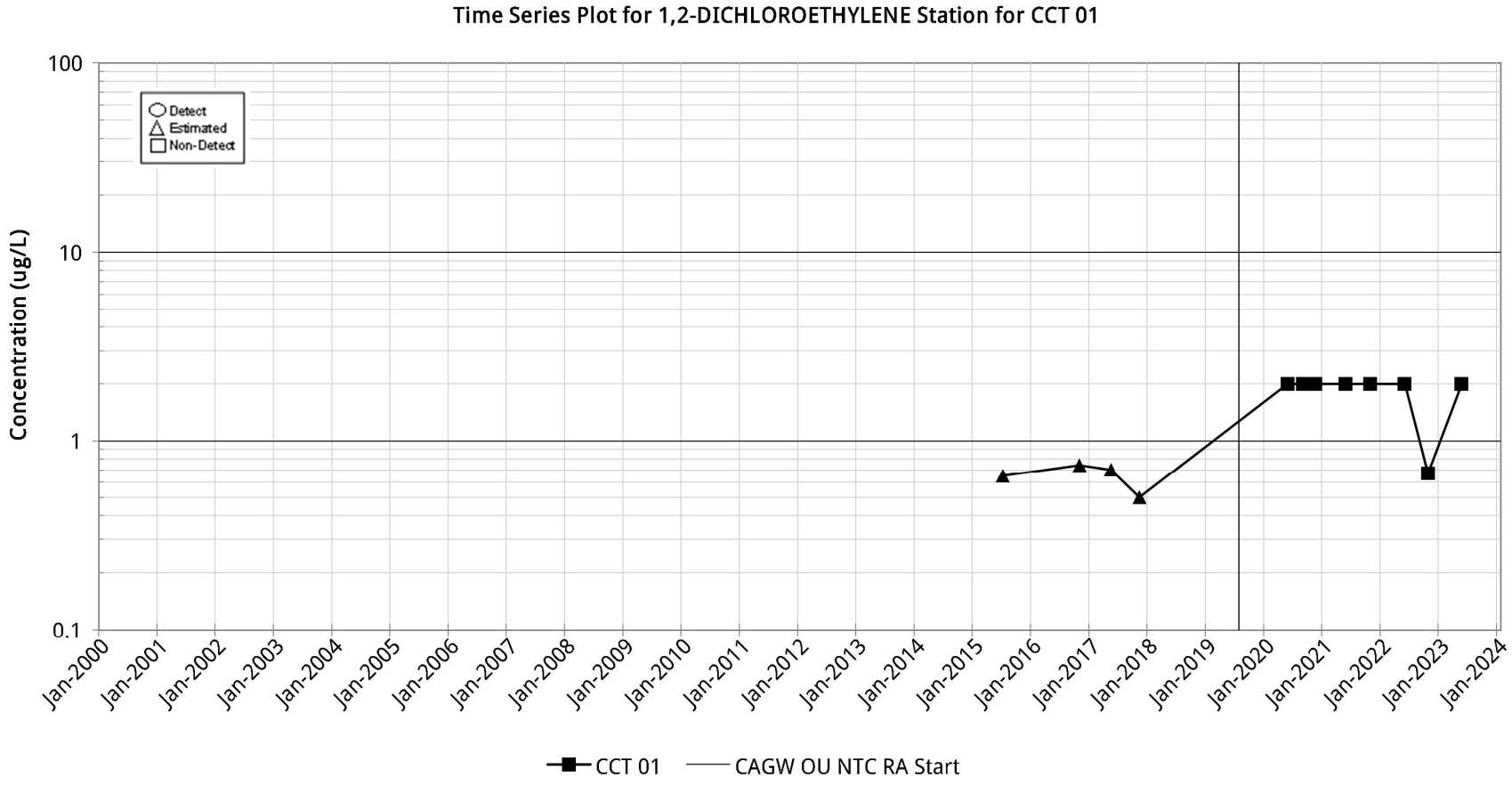
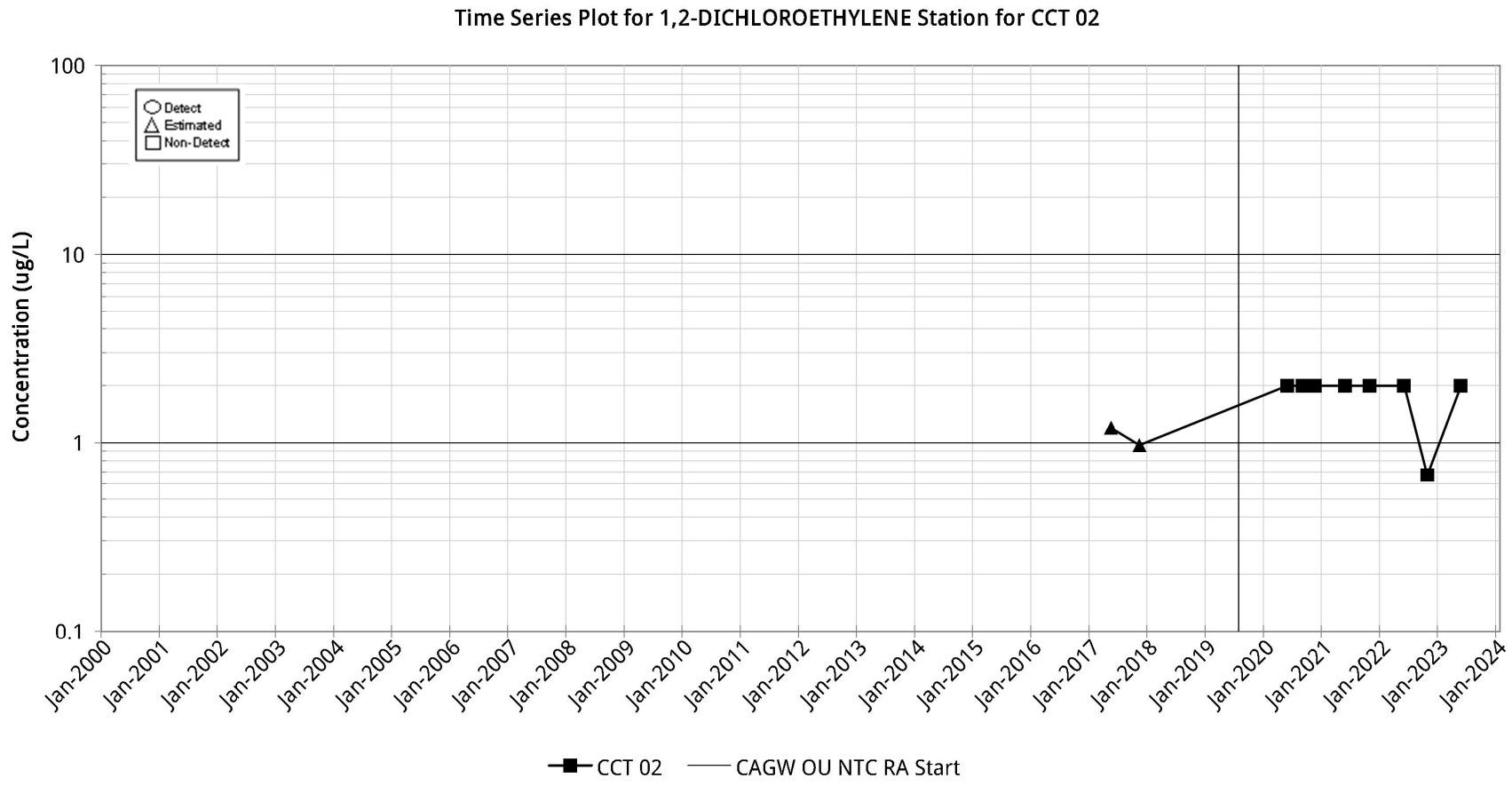

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCT 01
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-9.


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCT 02
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
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-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CCT 02
CAGW OU NTC RA Start

Figure C-10.

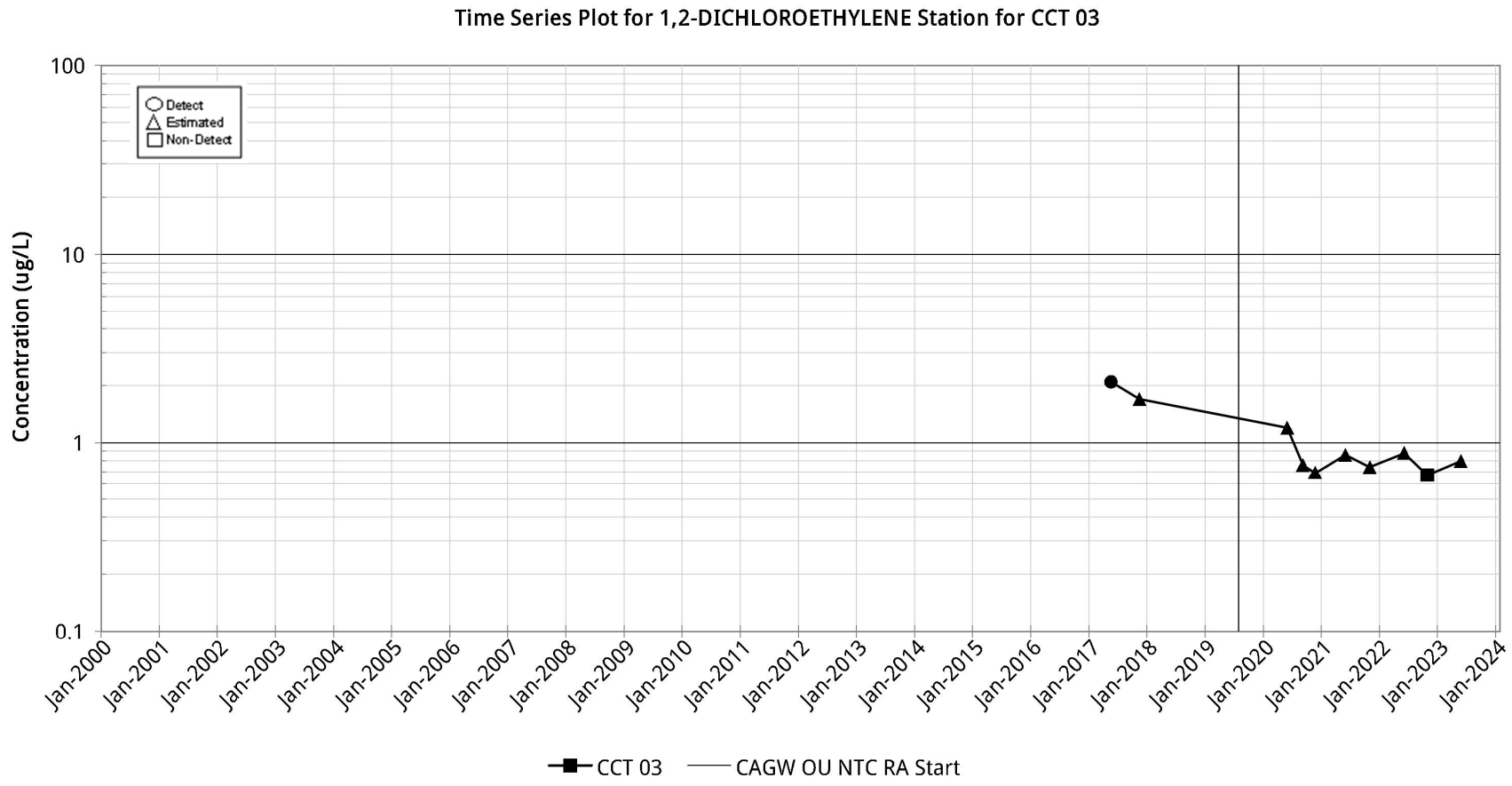
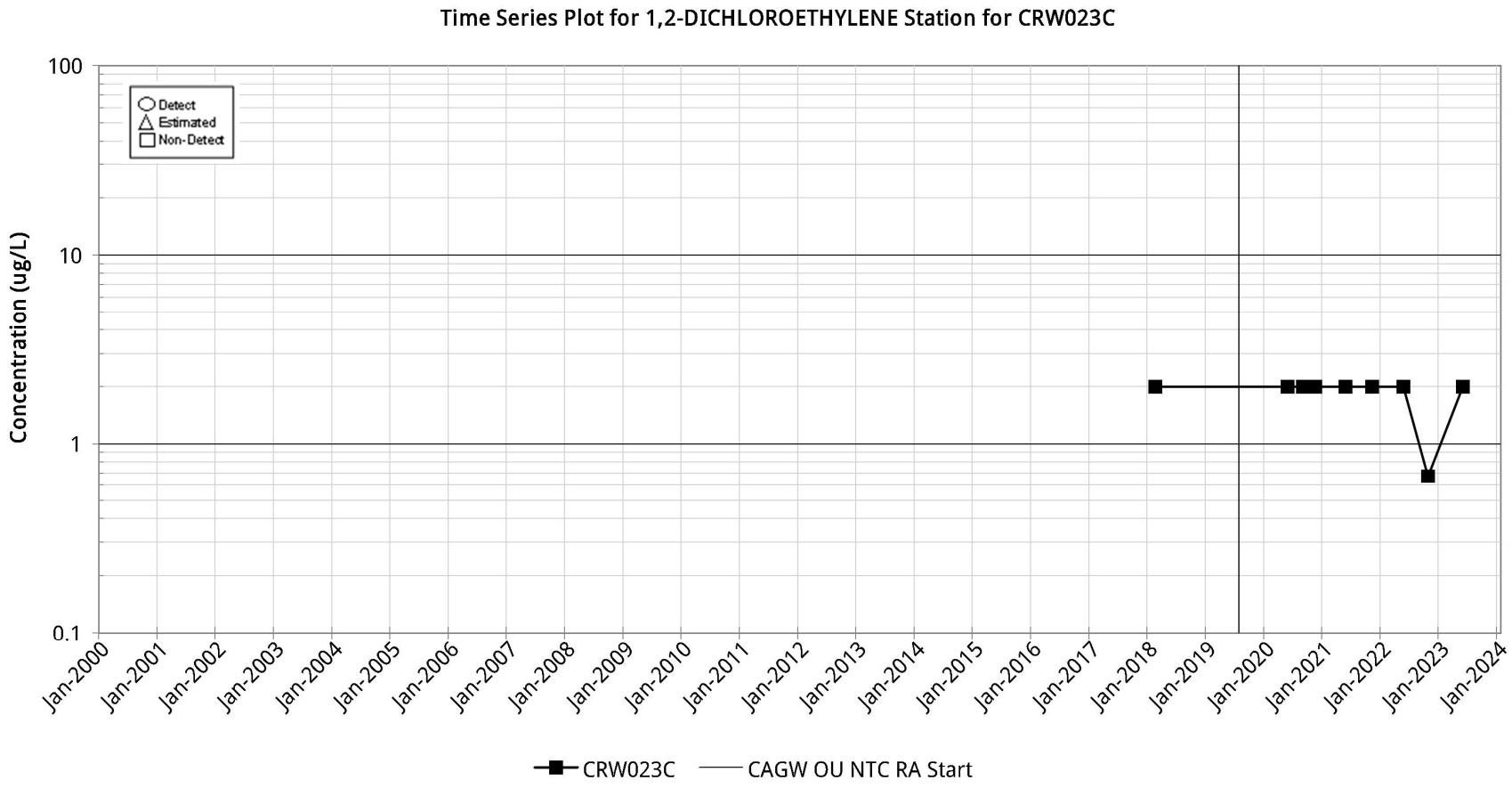

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCT 03
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-11.


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW023C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
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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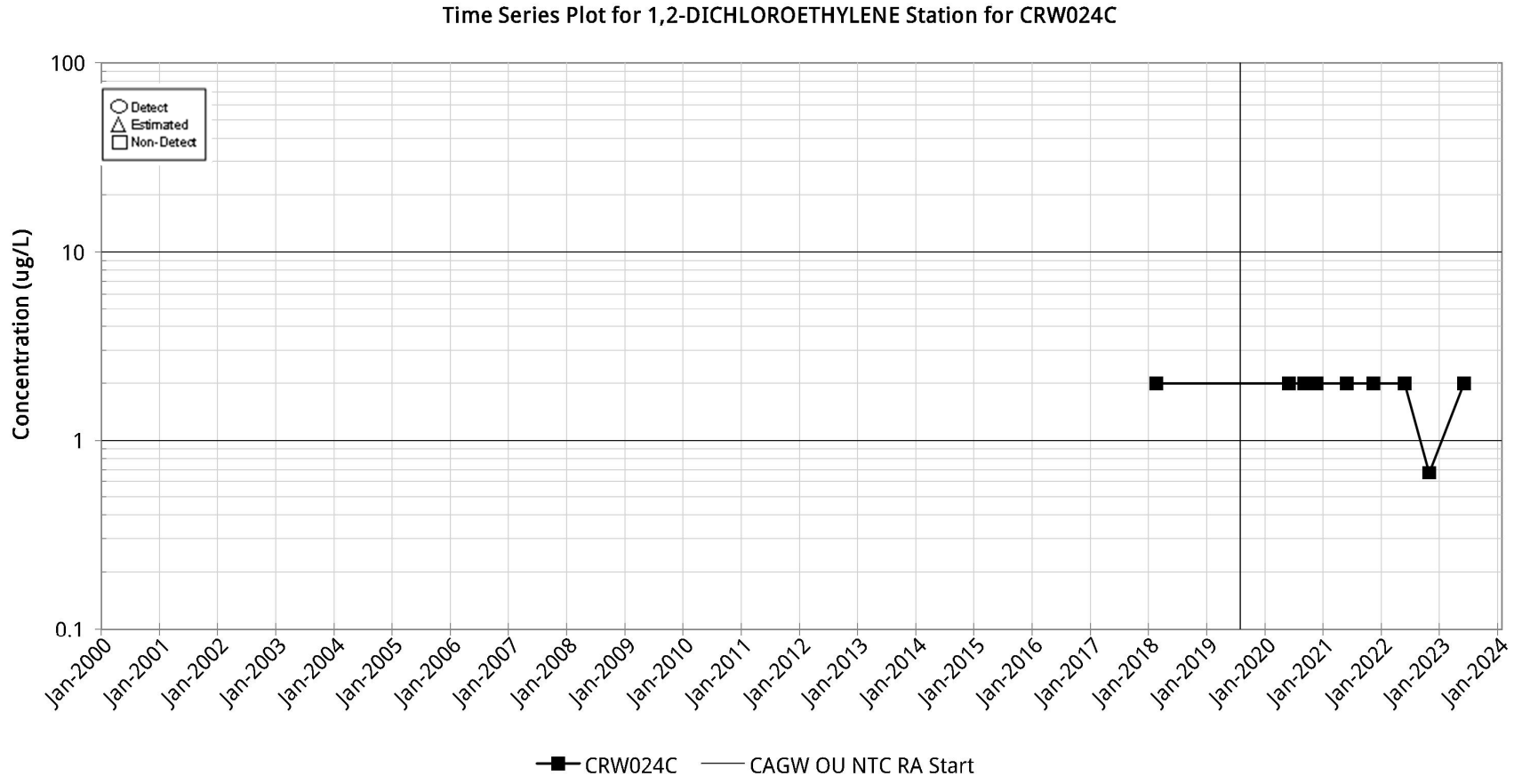
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CRW023C
CAGW OU NTC RA Start

Figure C-12.


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW024C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
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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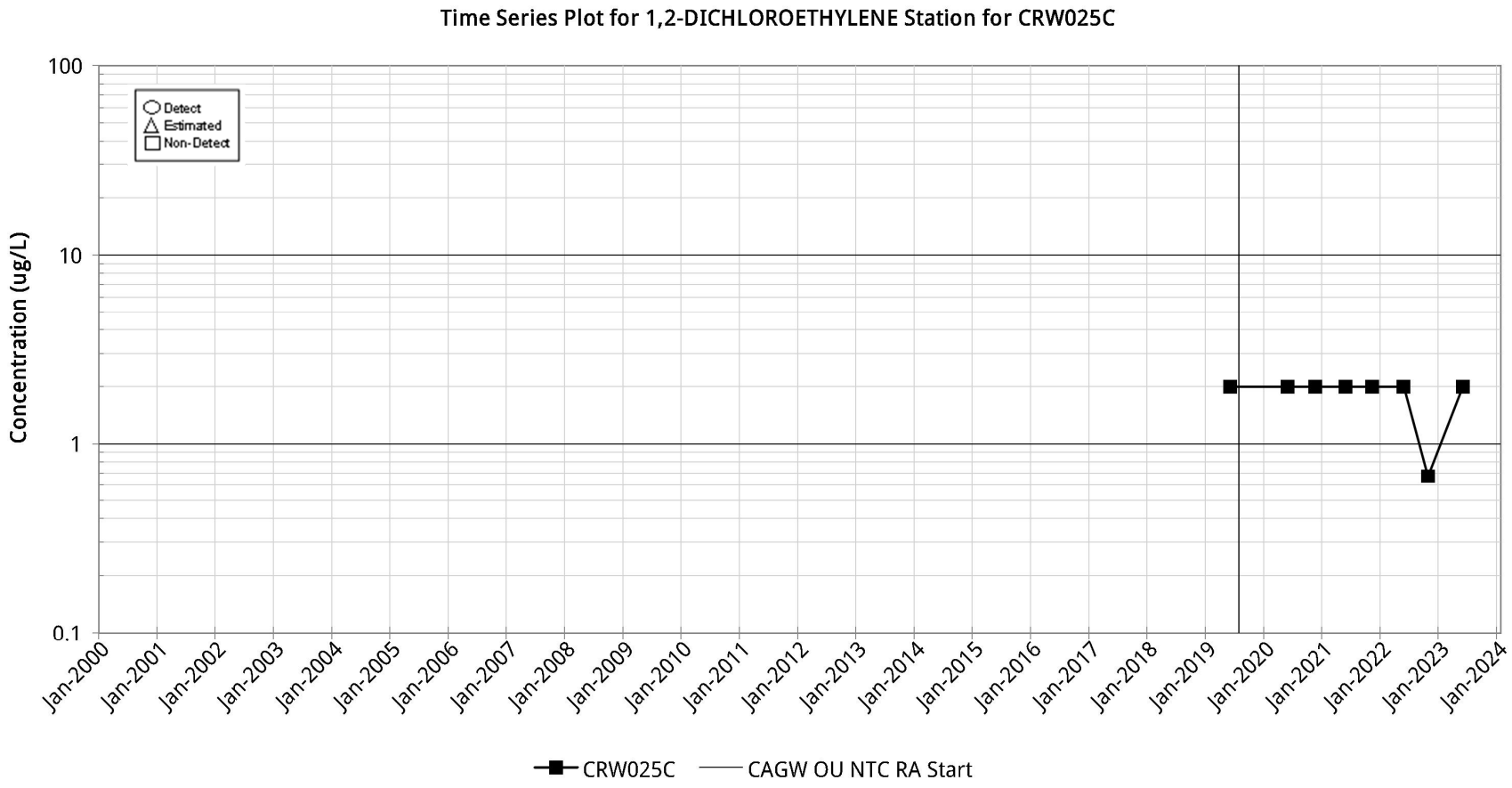
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CRW024C
CAGW OU NTC RA Start

Figure C-13.


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW025C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
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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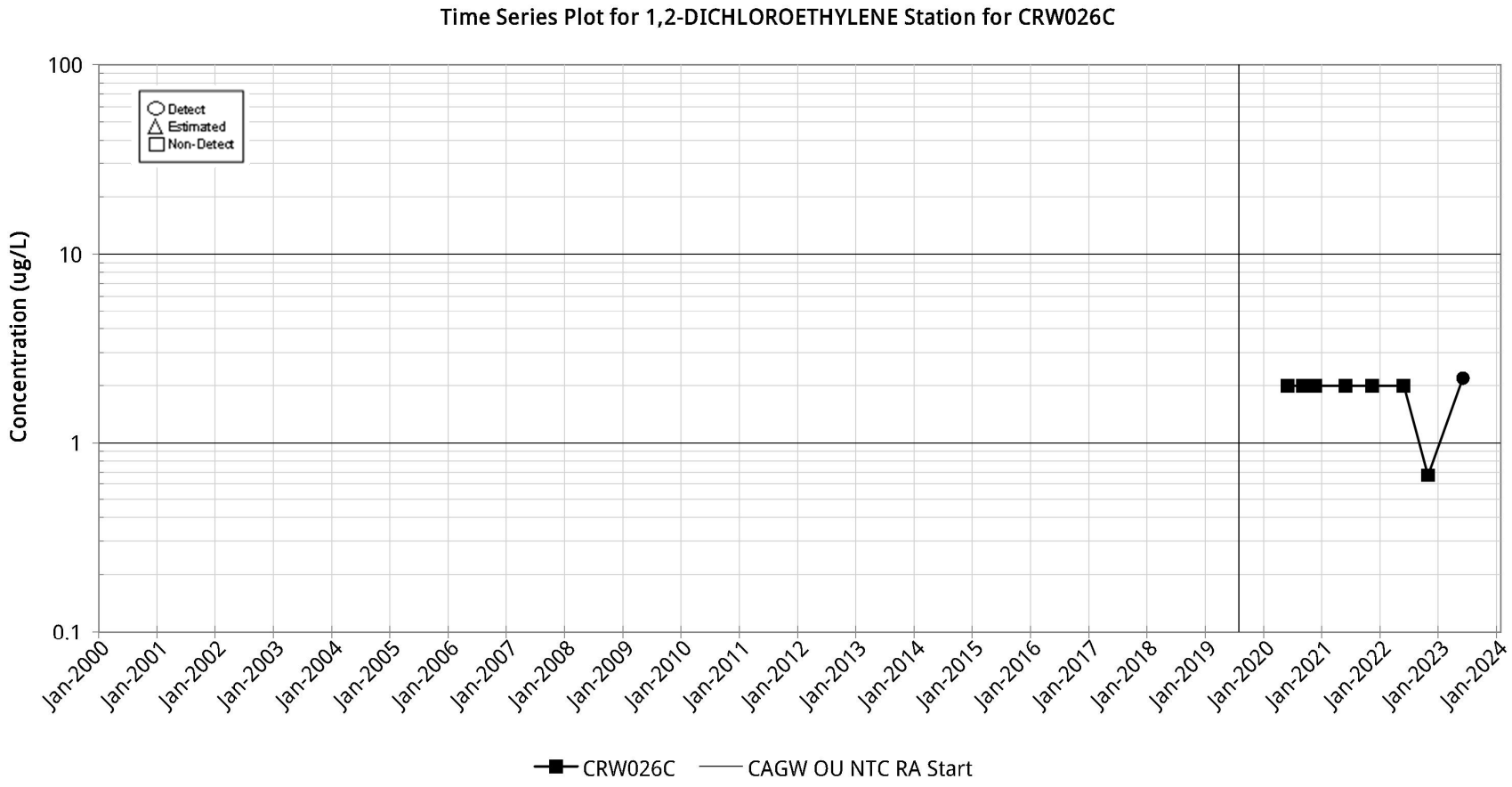
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CRW025C
CAGW OU NTC RA Start

Figure C-14.


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW026C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
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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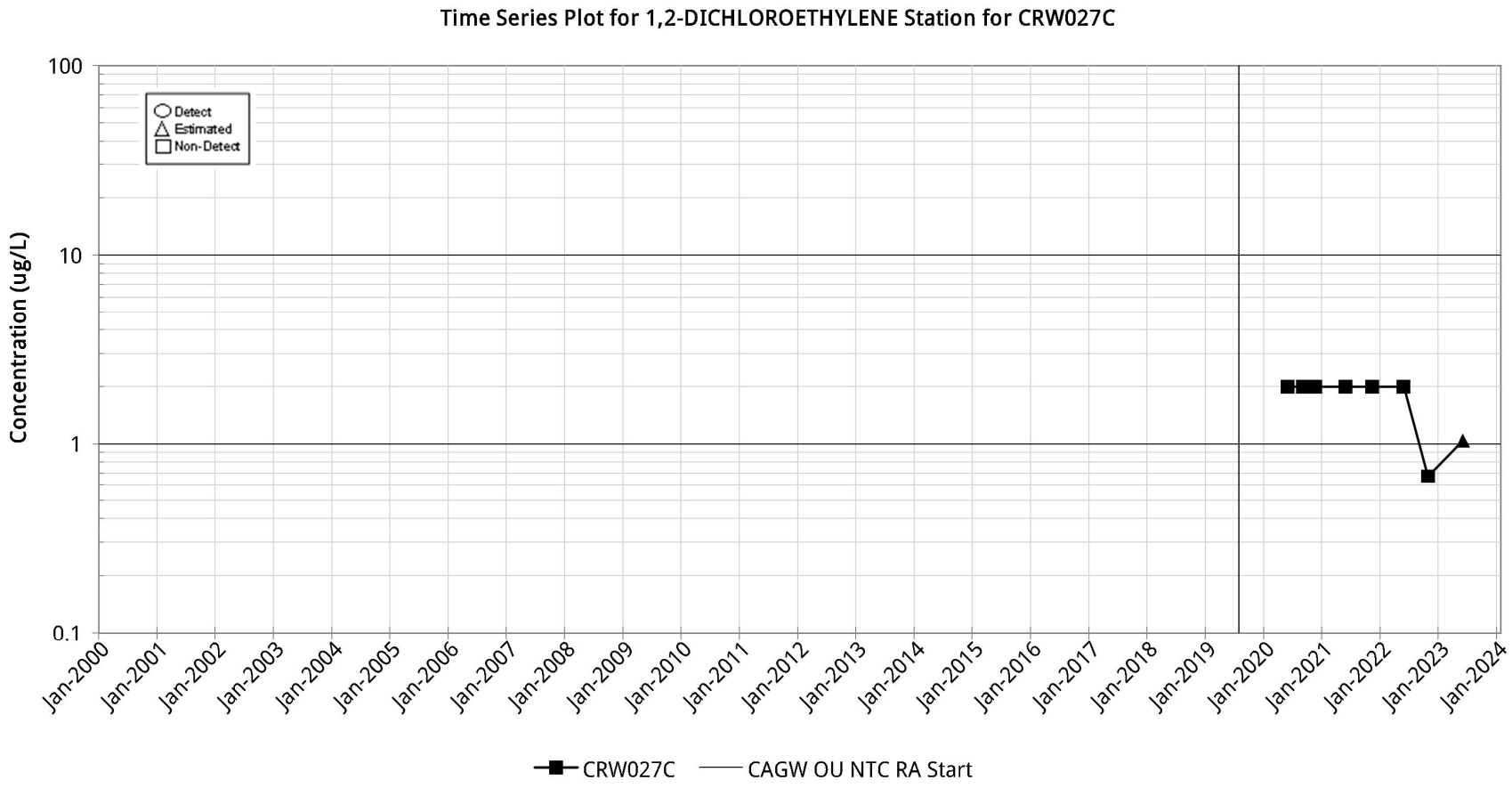
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CRW026C
CAGW OU NTC RA Start

Figure C-15.


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW027C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
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-2019
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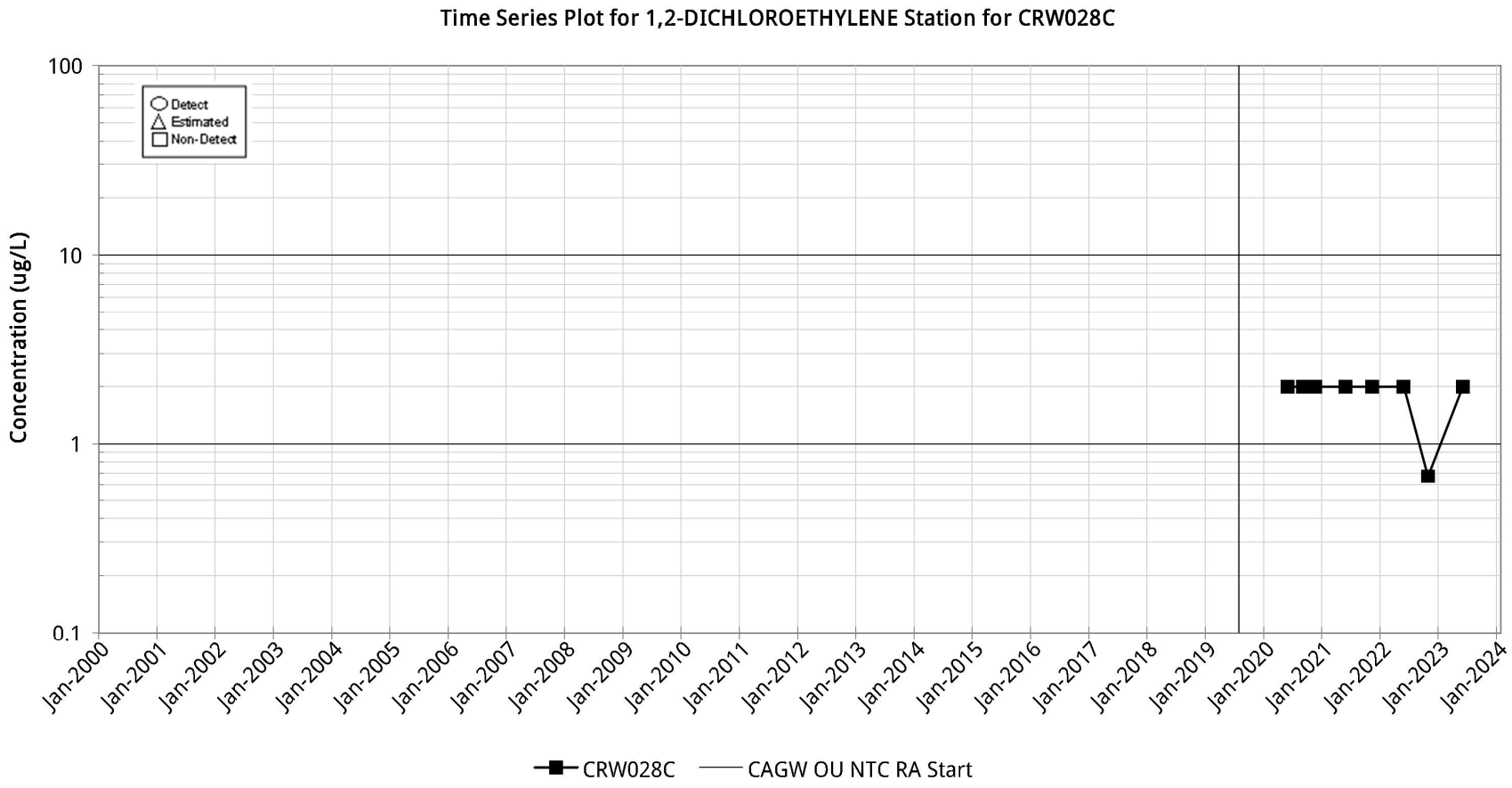
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CRW027C
CAGW OU NTC RA Start

Figure C-16.


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW028C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
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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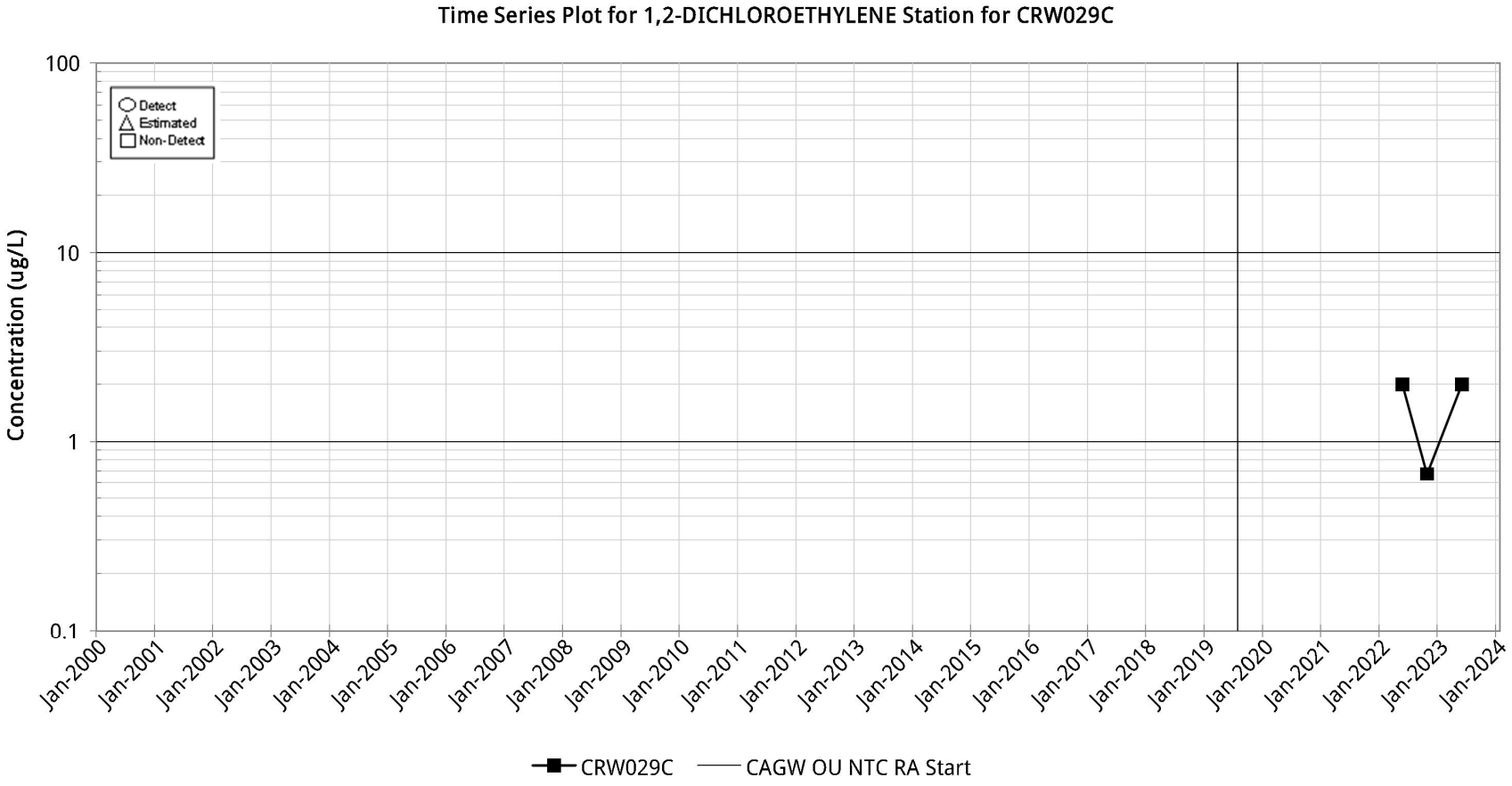
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CRW028C
CAGW OU NTC RA Start

Figure C-17.


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW029C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
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-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CRW029C
CAGW OU NTC RA Start

Figure C-18.

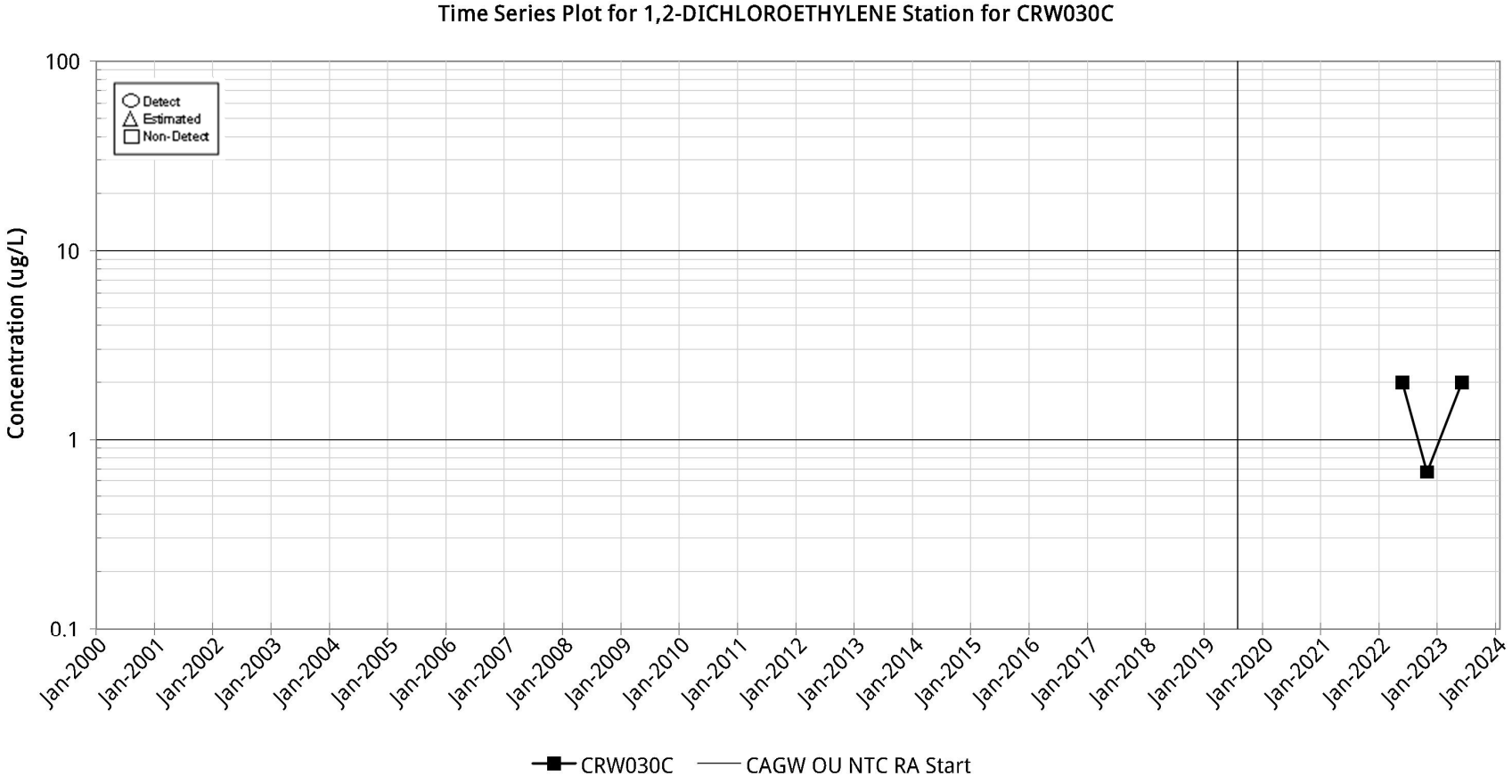

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW030C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-19.

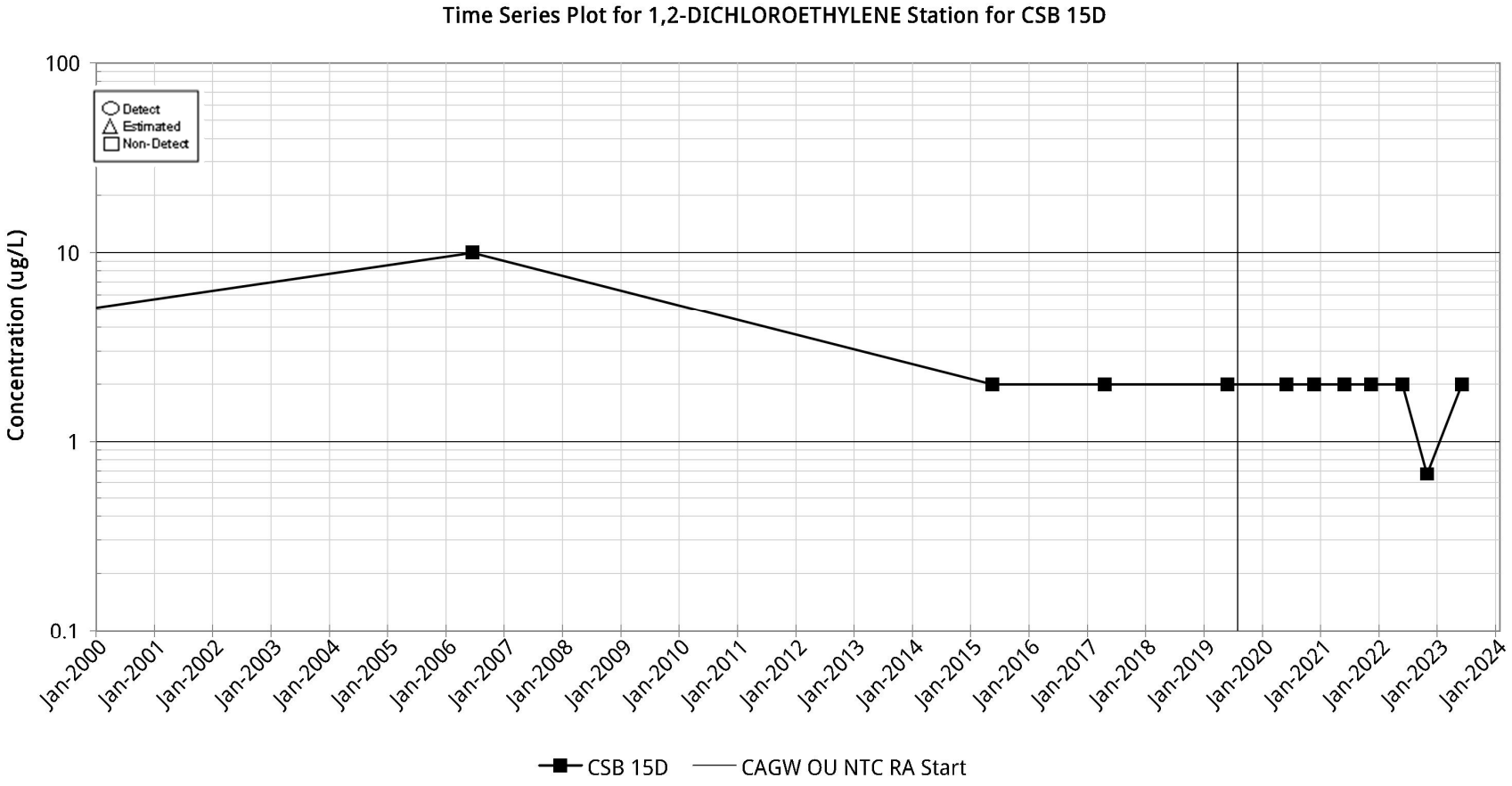
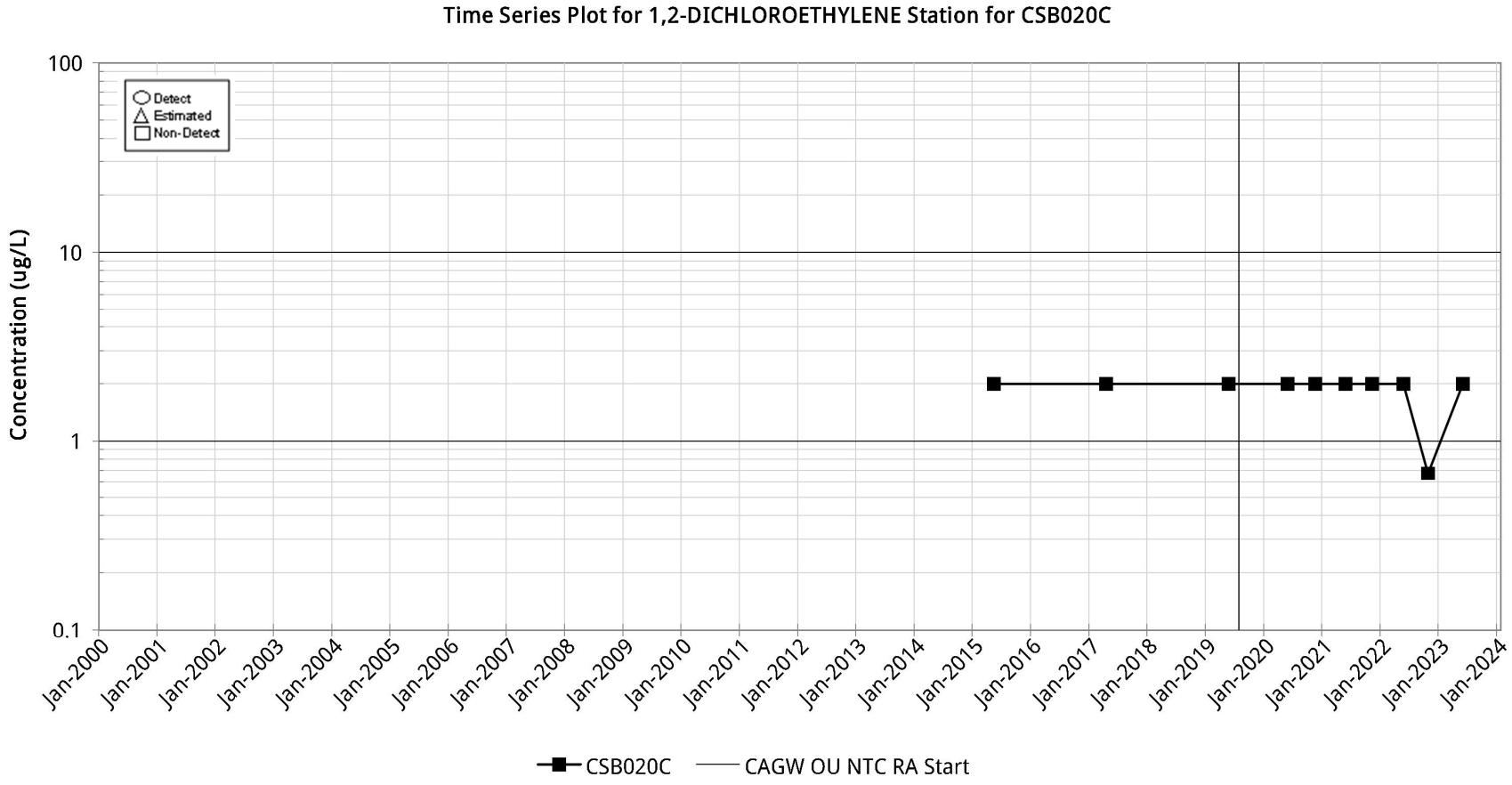

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CSB 15D
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-20.


Time Series Plot for 1,2-DICHLOROETHYLENE Station for CSB020C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
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-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CSB020C
CAGW OU NTC RA Start

Figure C-21.

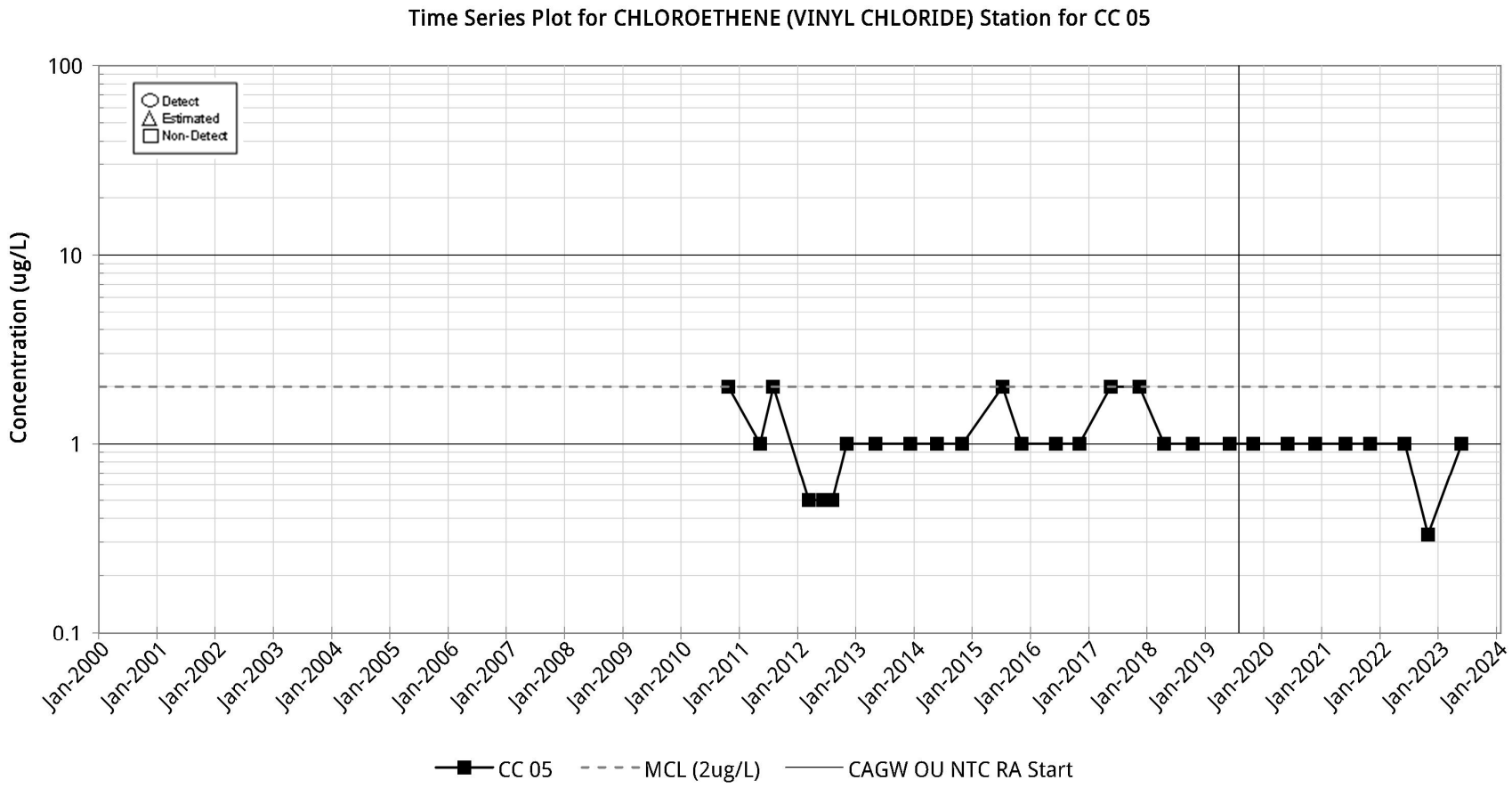

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CC 05
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-22.

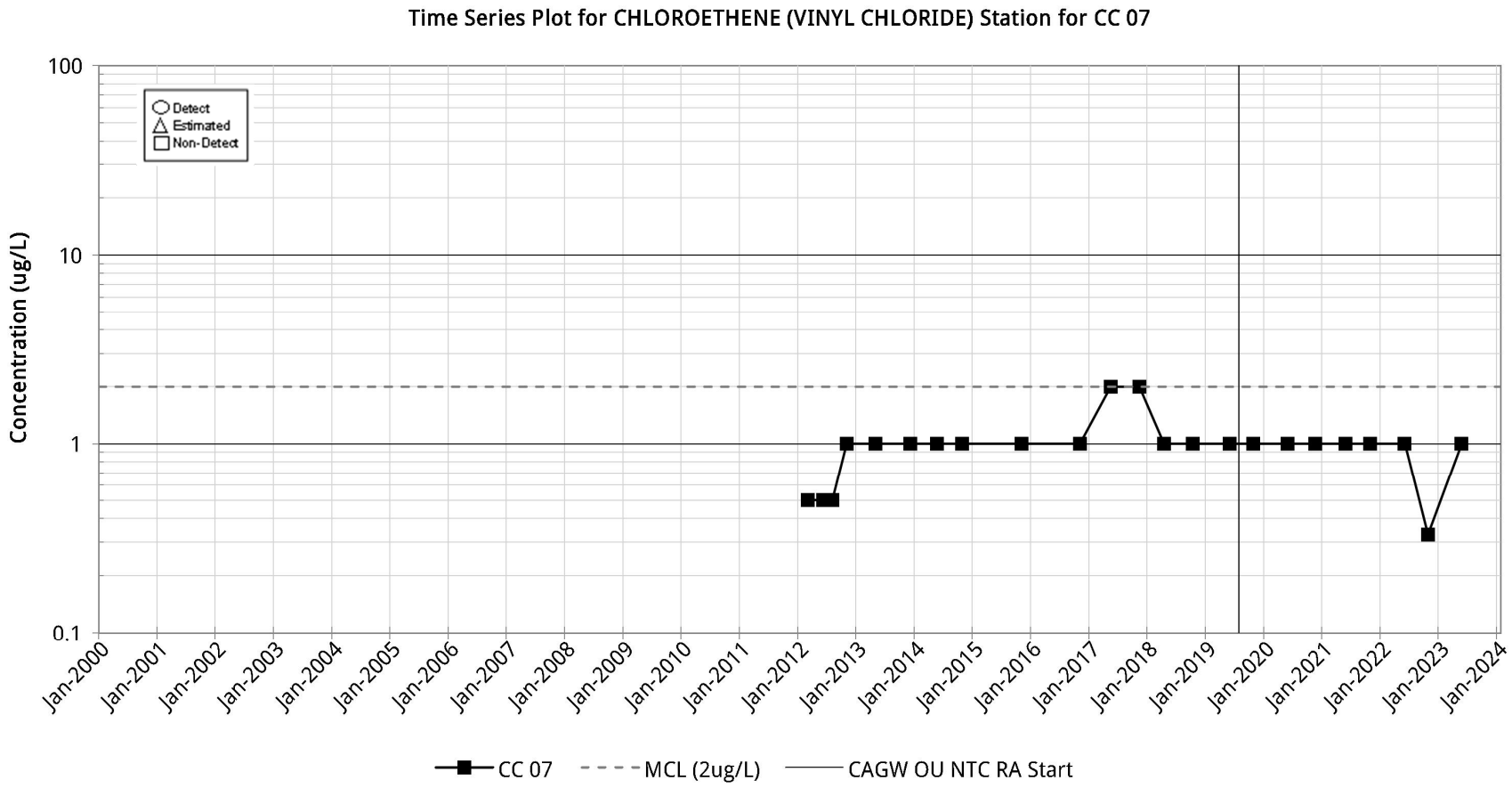

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CC 07
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-23.

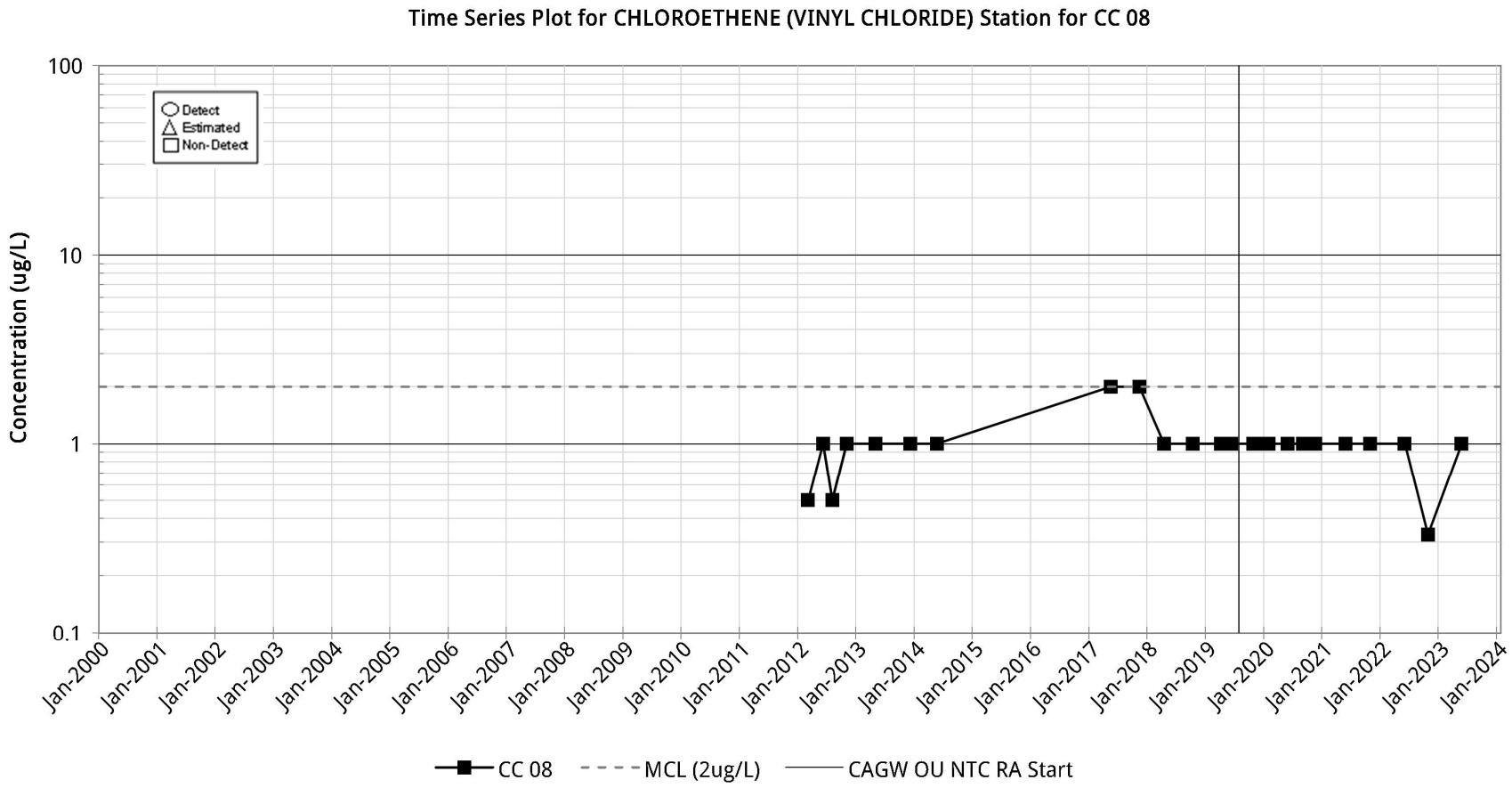

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CC 08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-24.

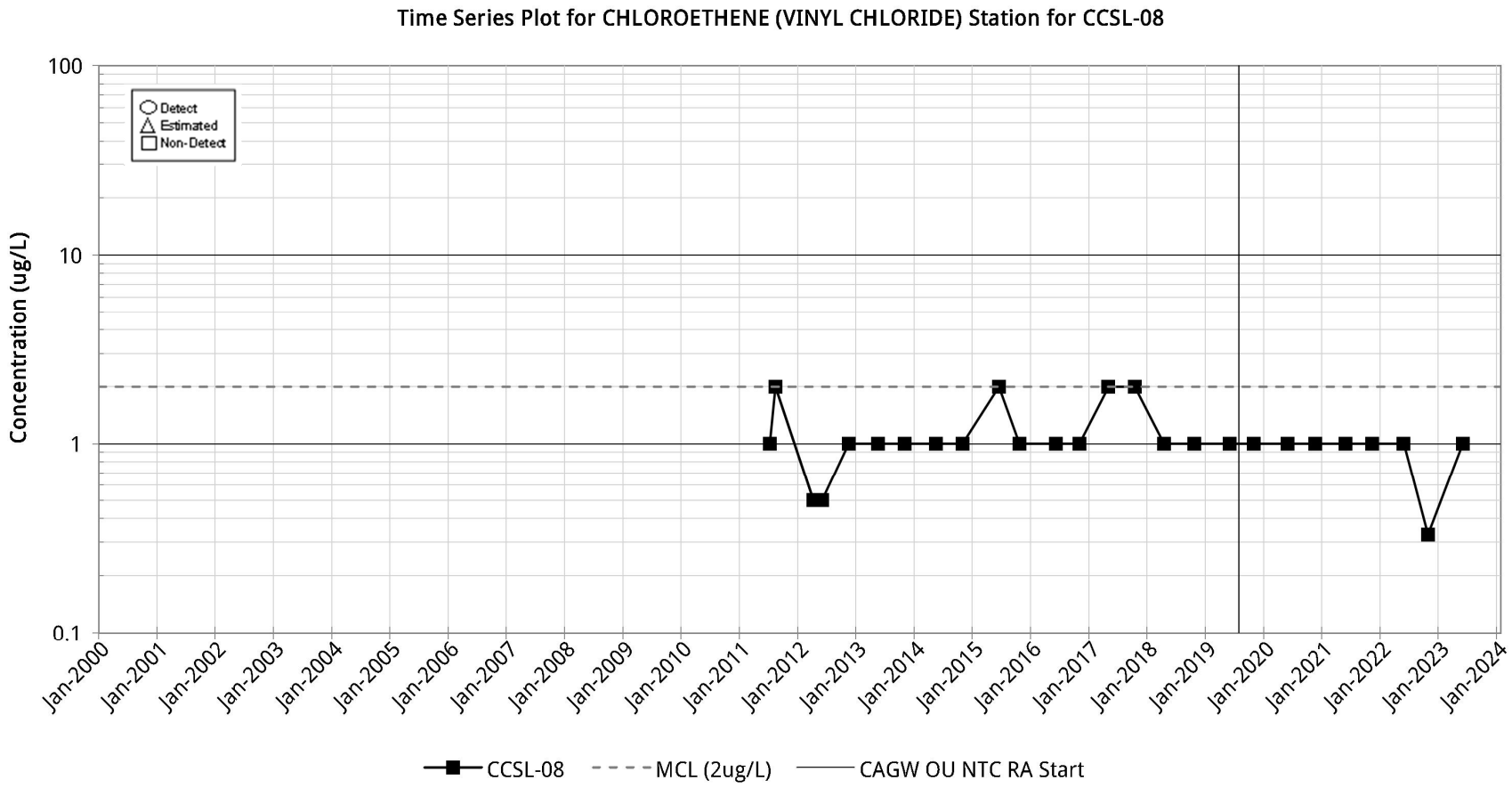

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCSL-08
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-25.

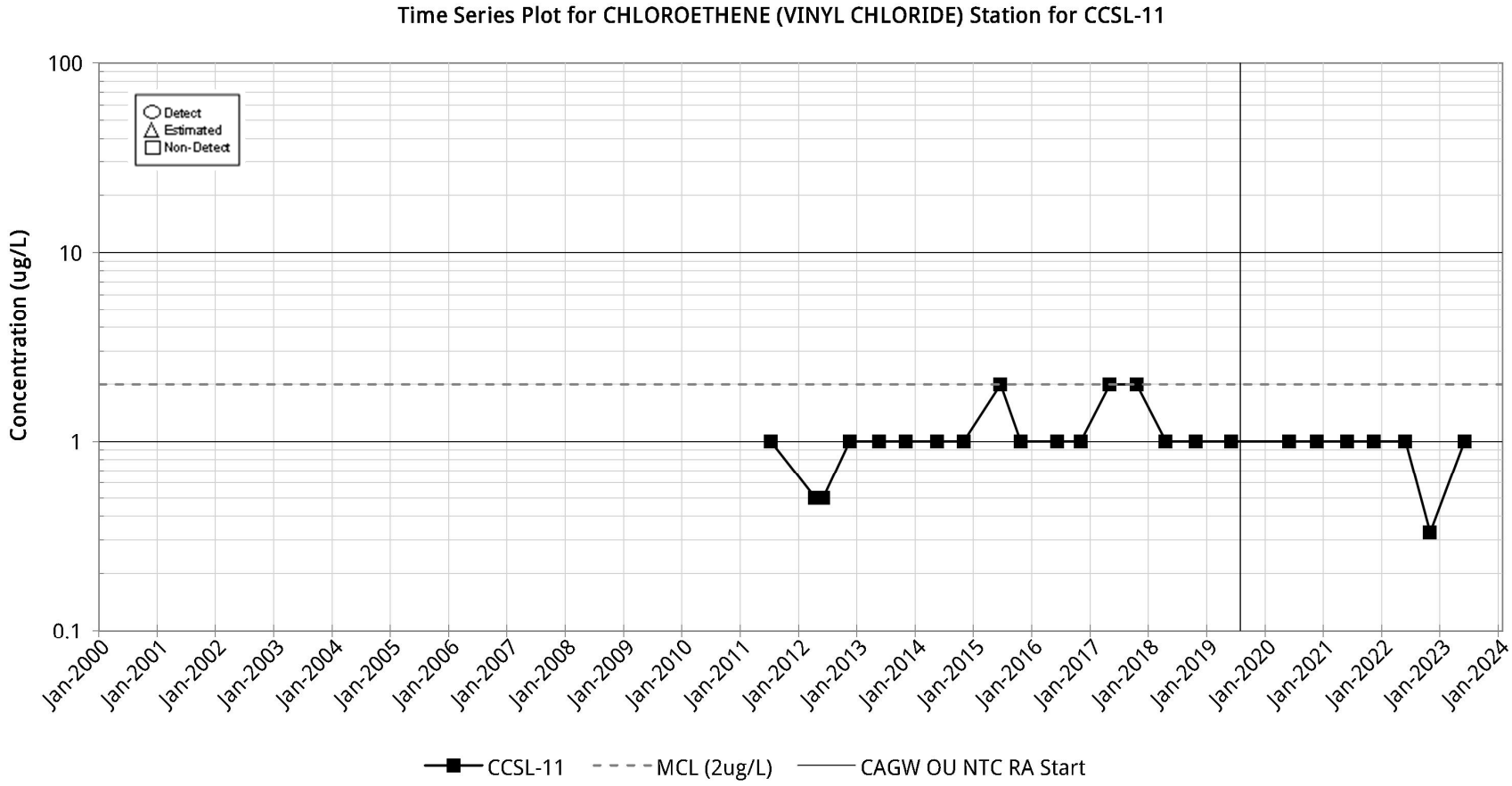

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCSL-11
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-26.

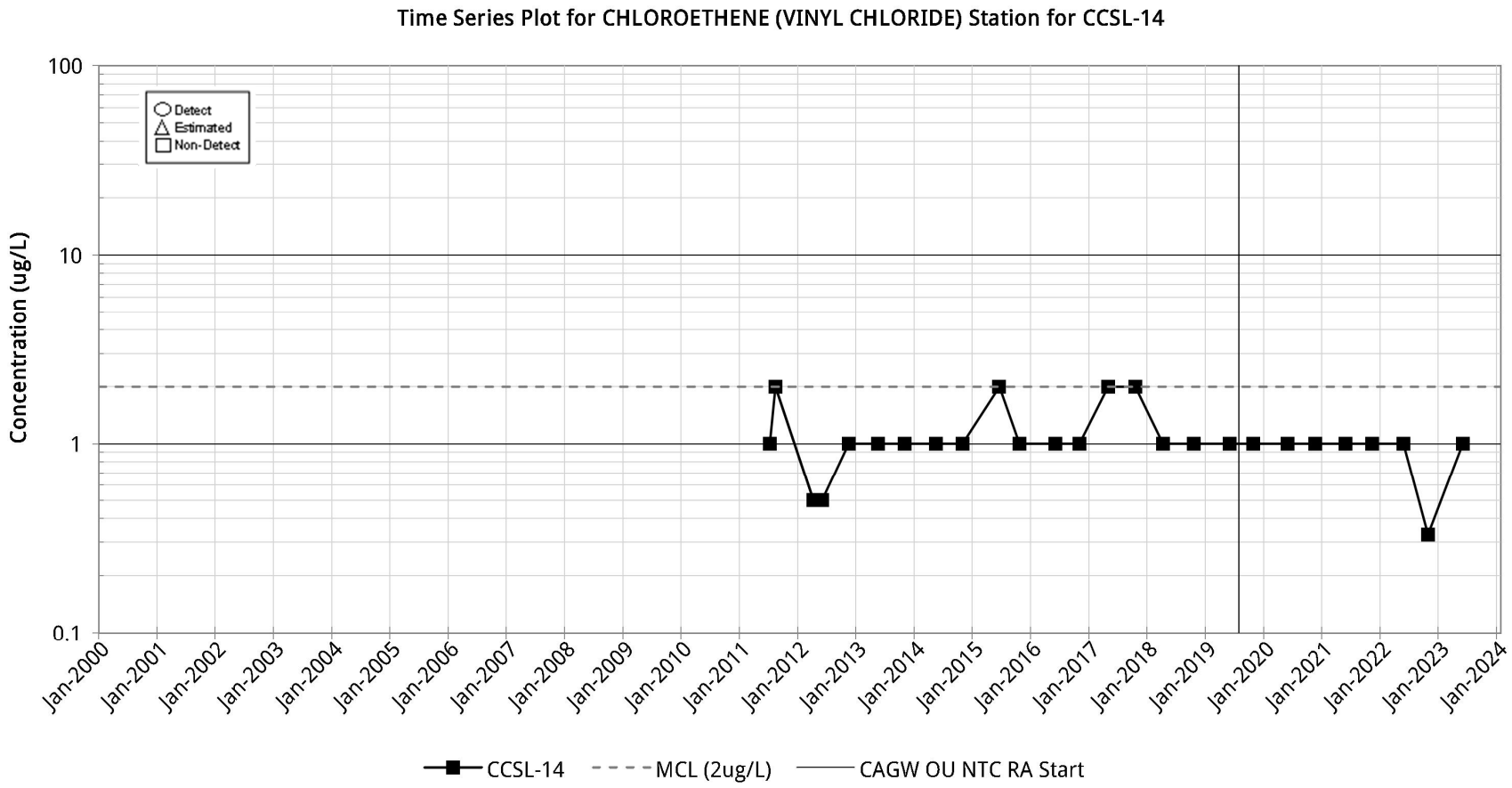

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCSL-14
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-27.

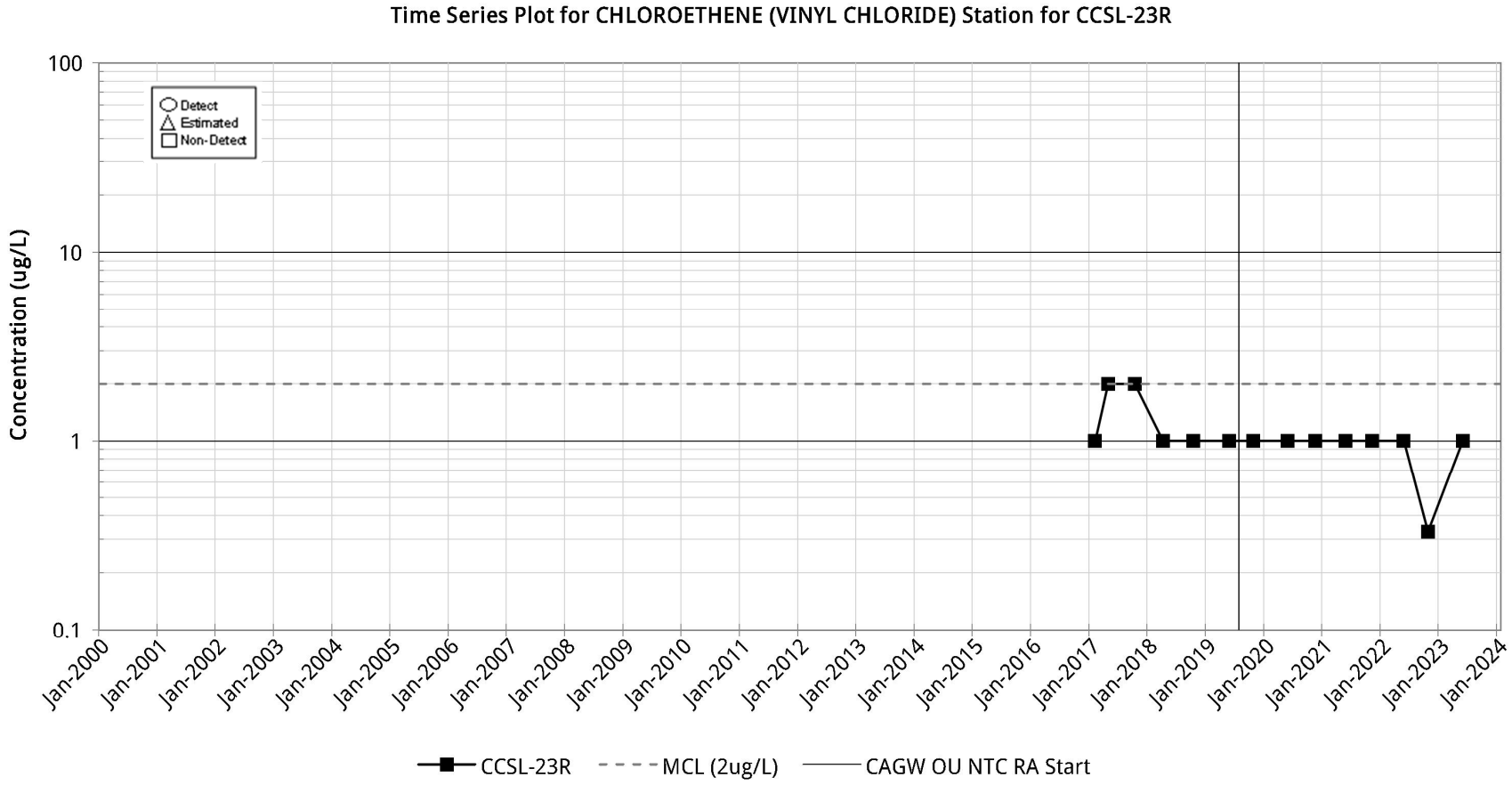

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCSL-23R
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-28.

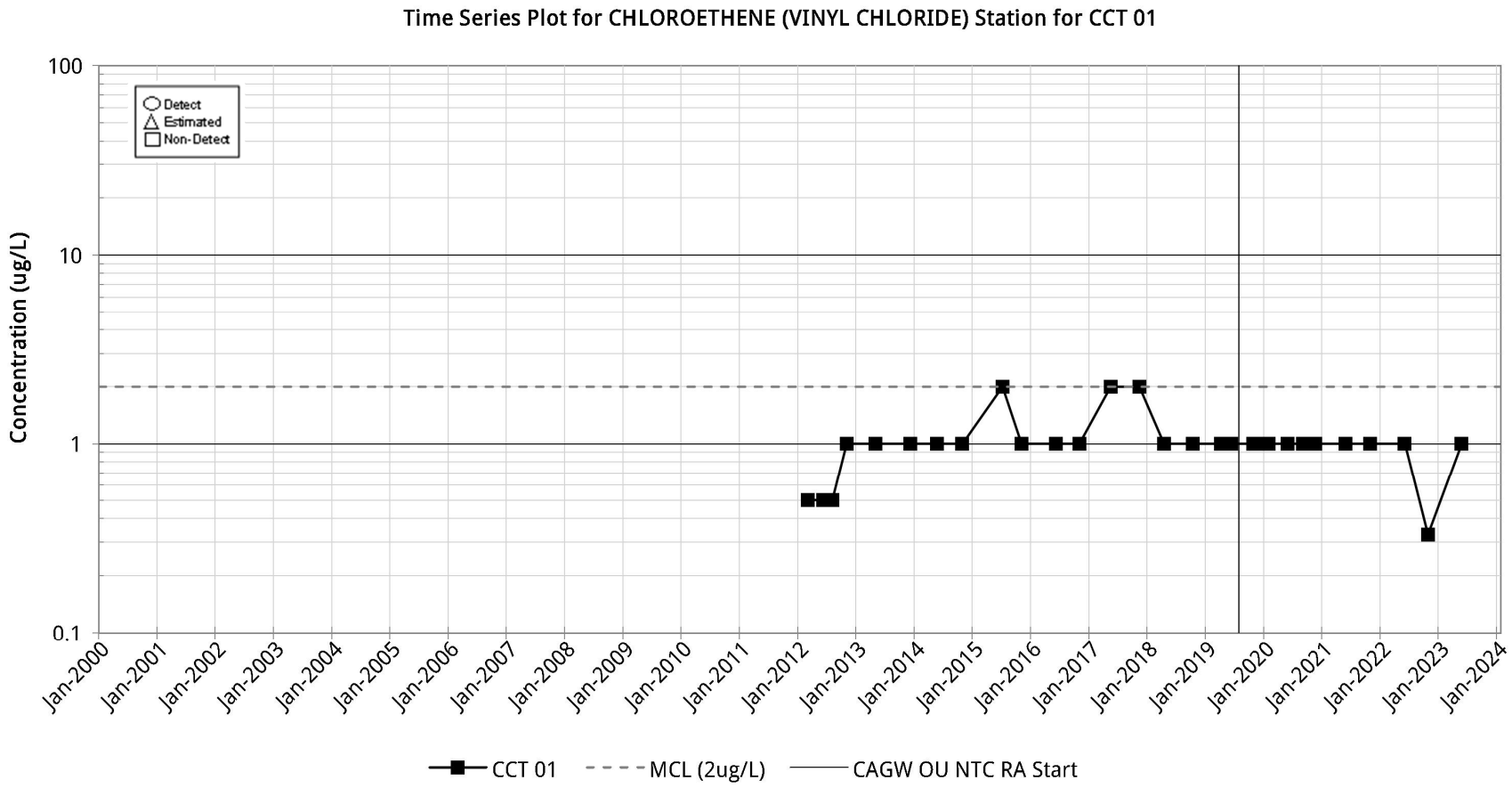

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCT 01
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-29.

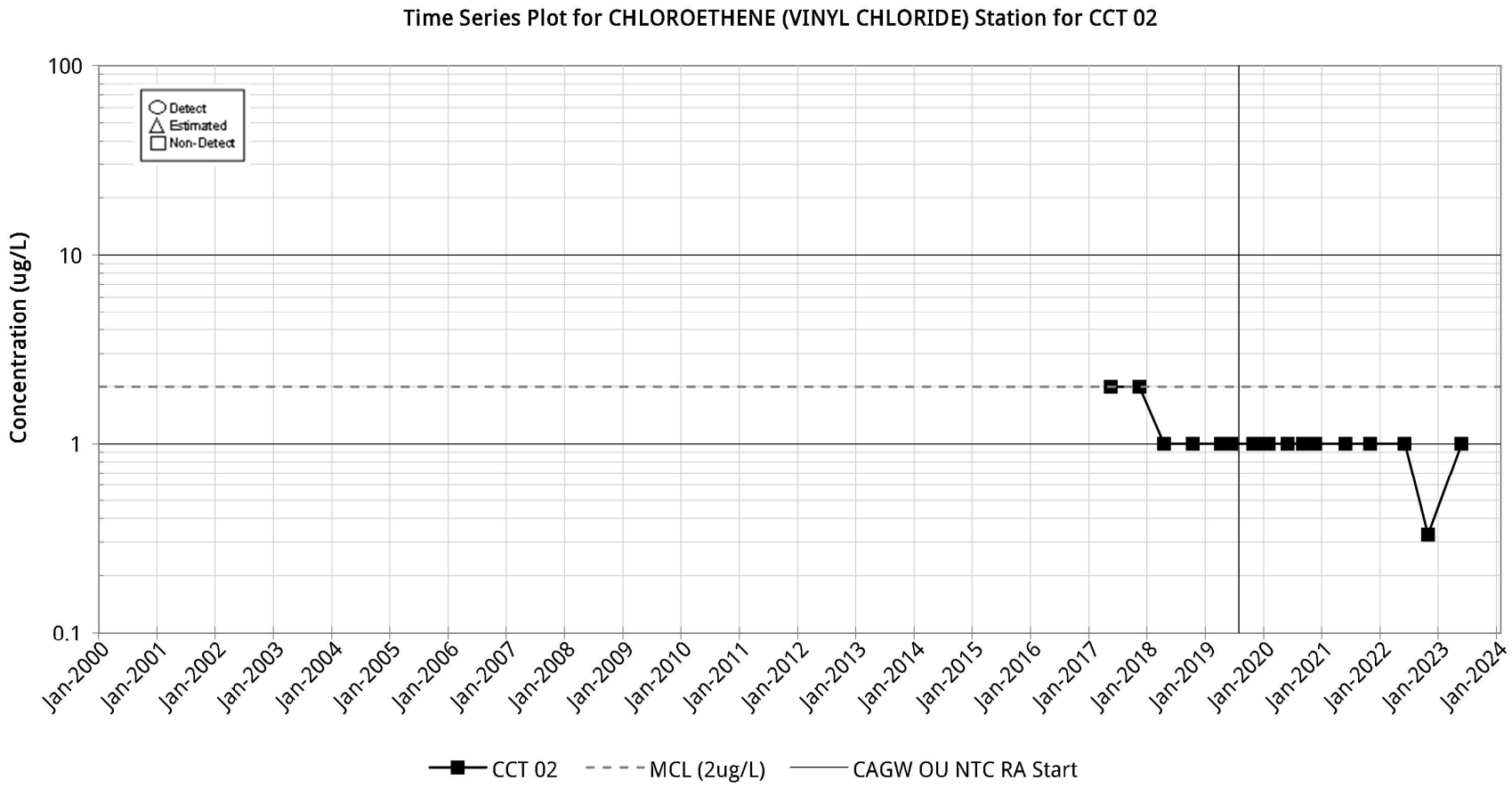

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCT 02
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-30.

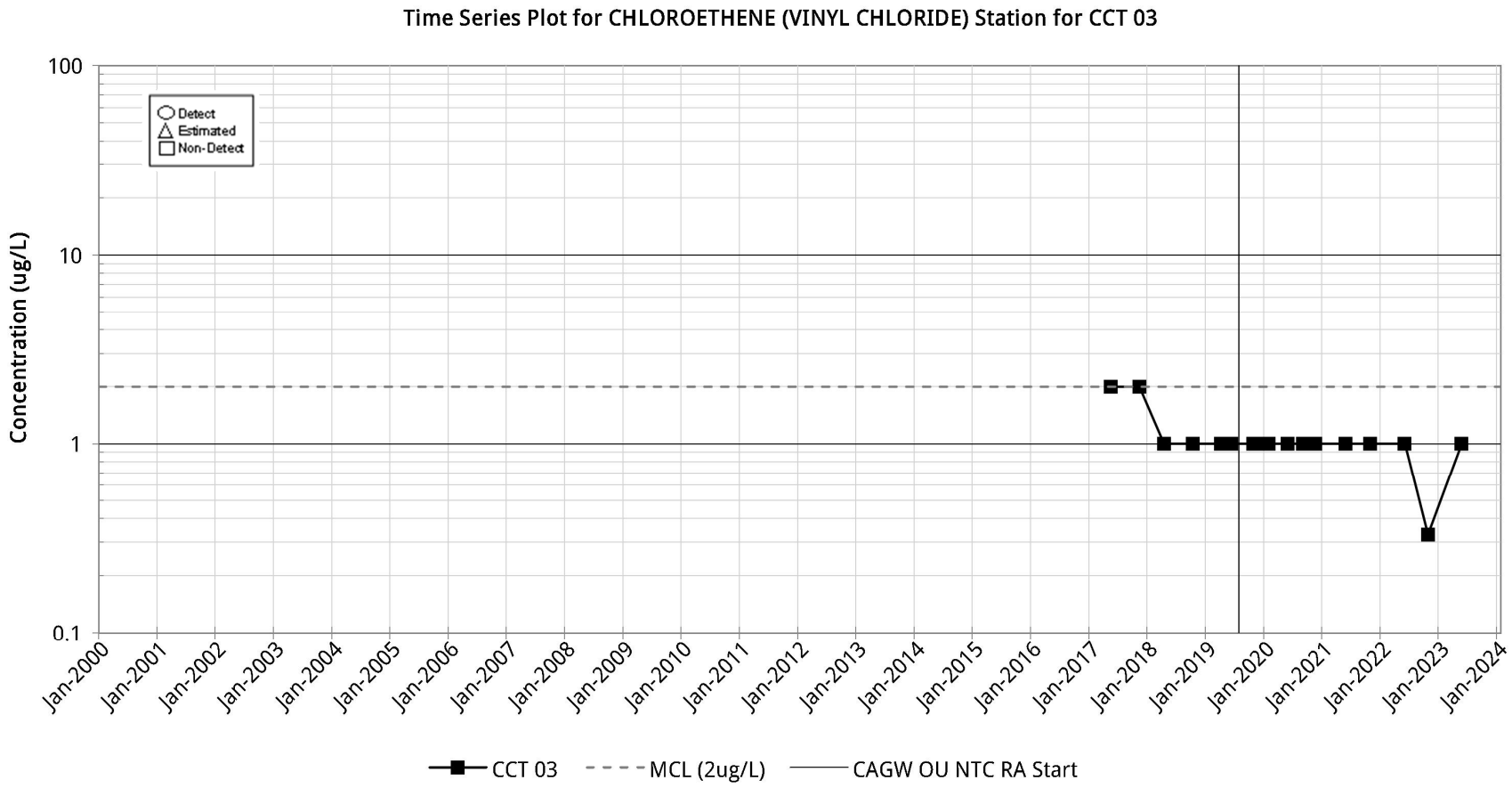

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CCT 03
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-31.

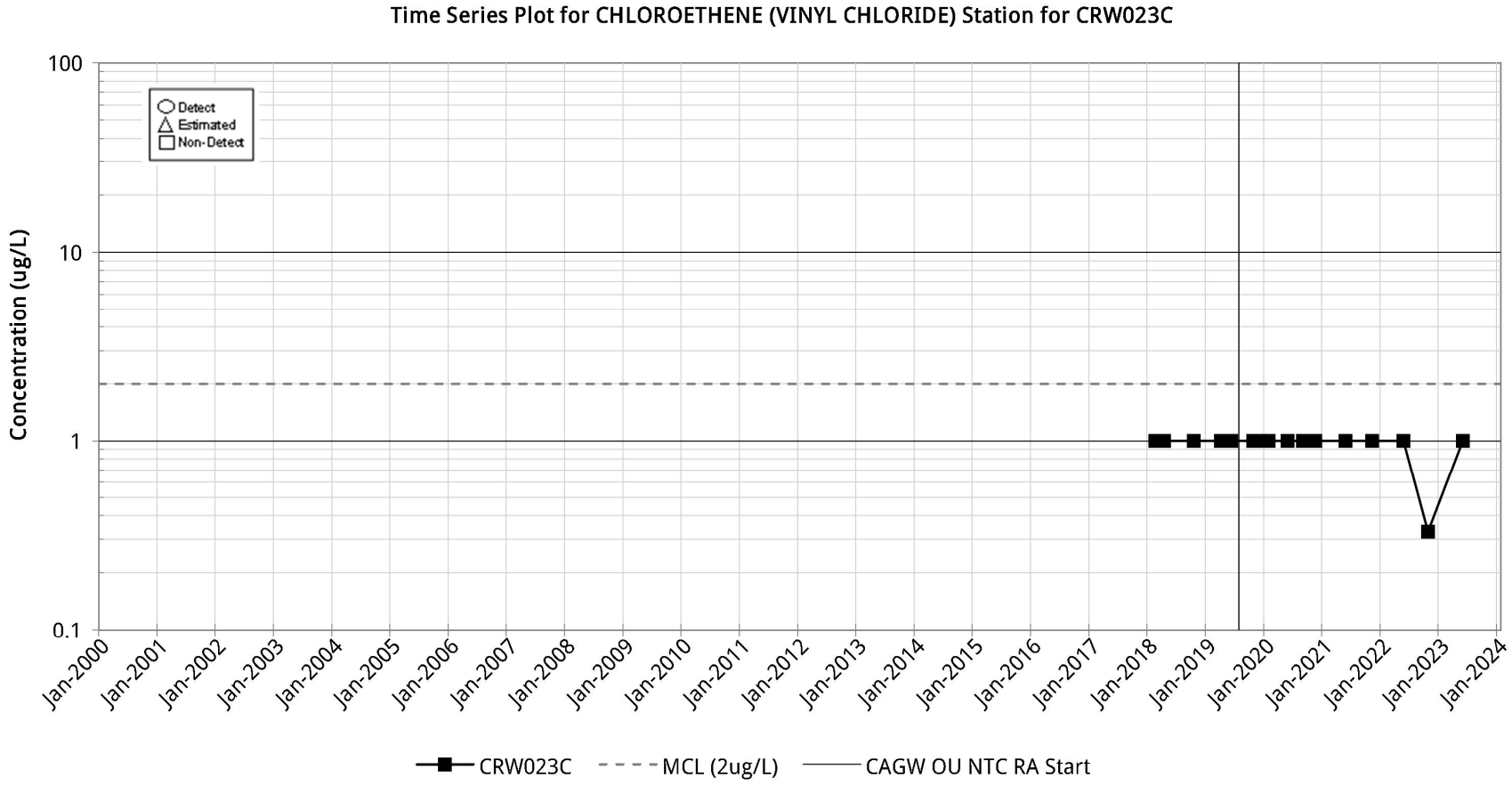

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW023C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-32.

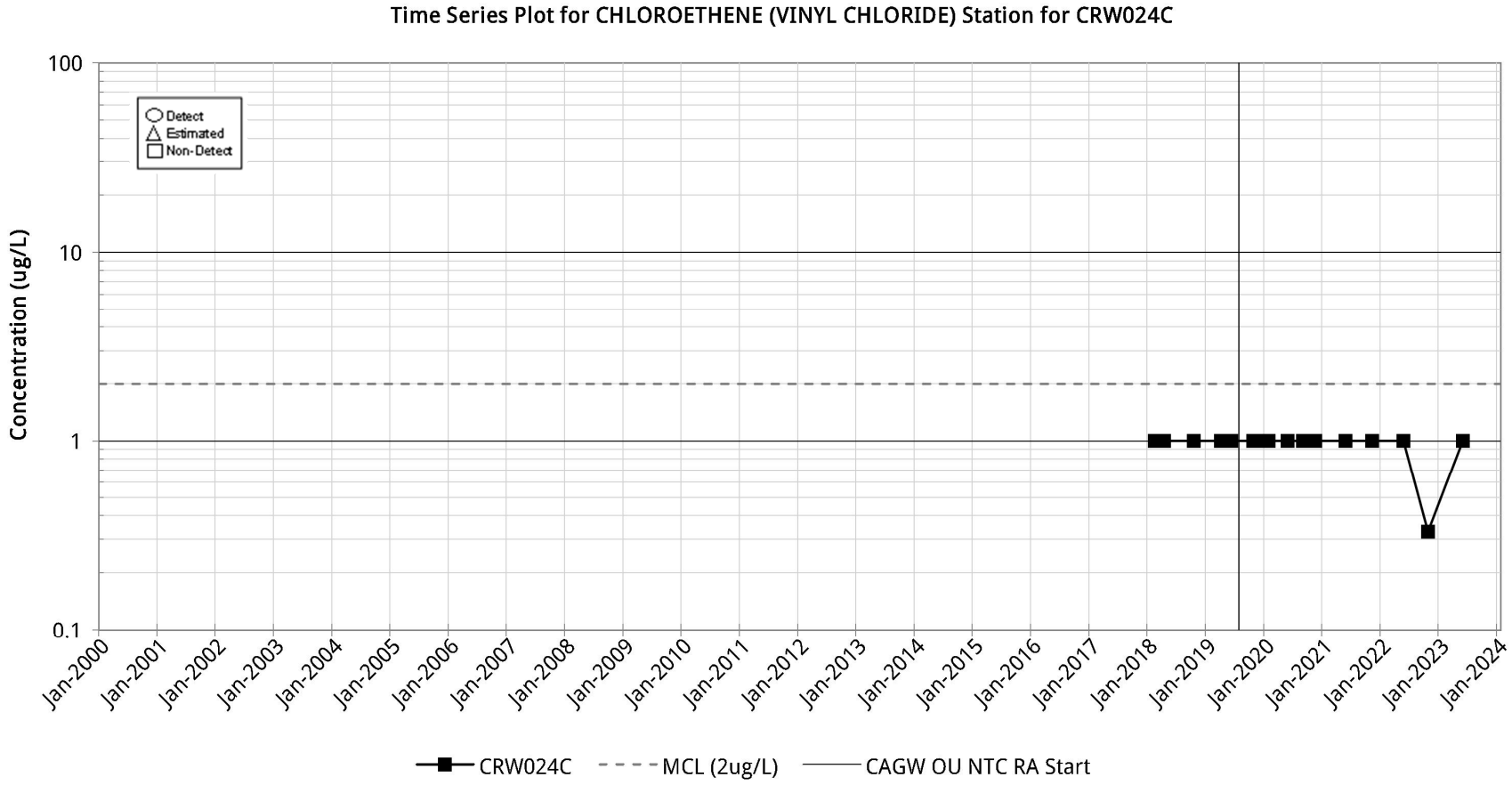

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW024C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-33.

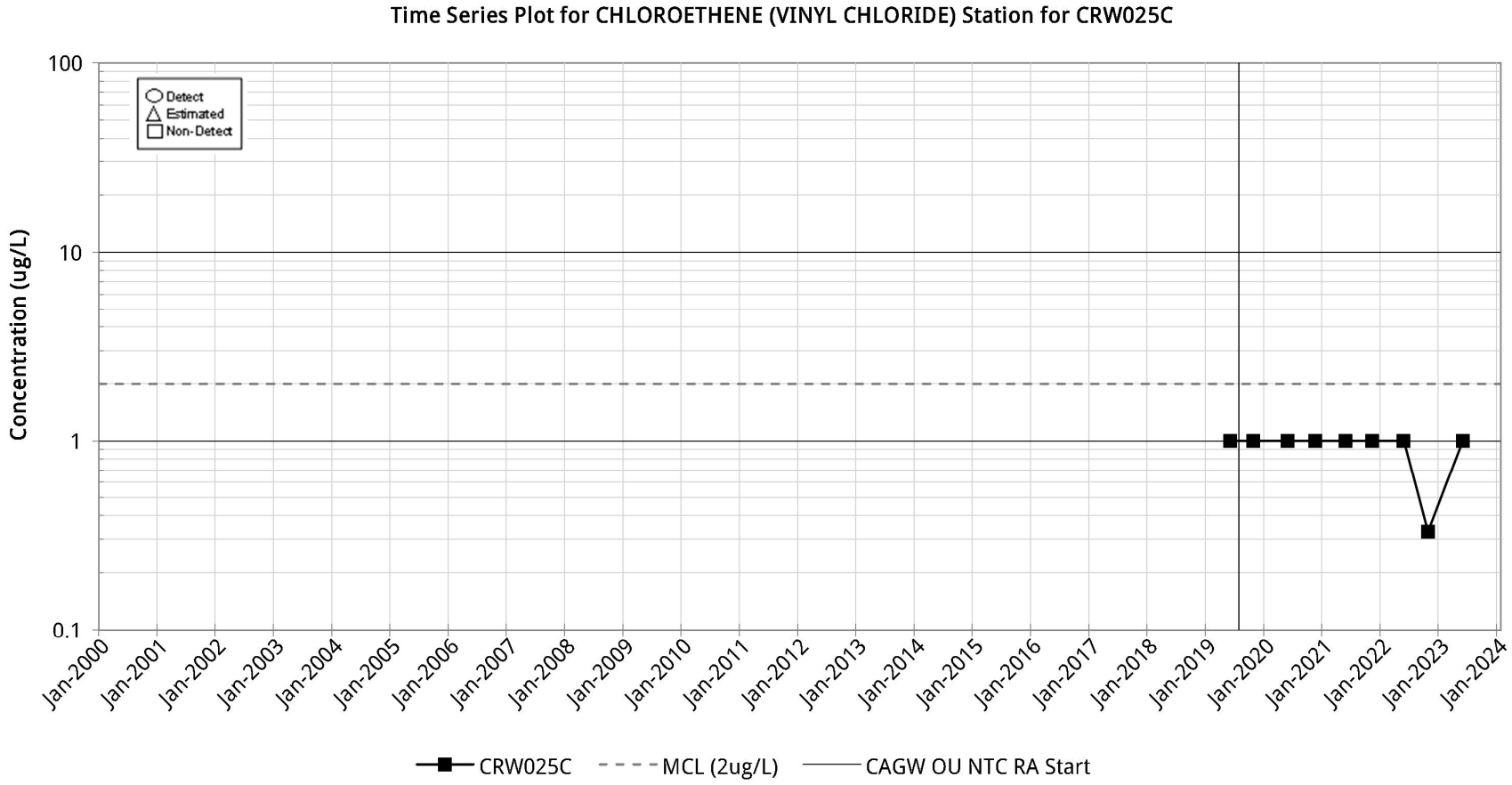

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW025C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-34.

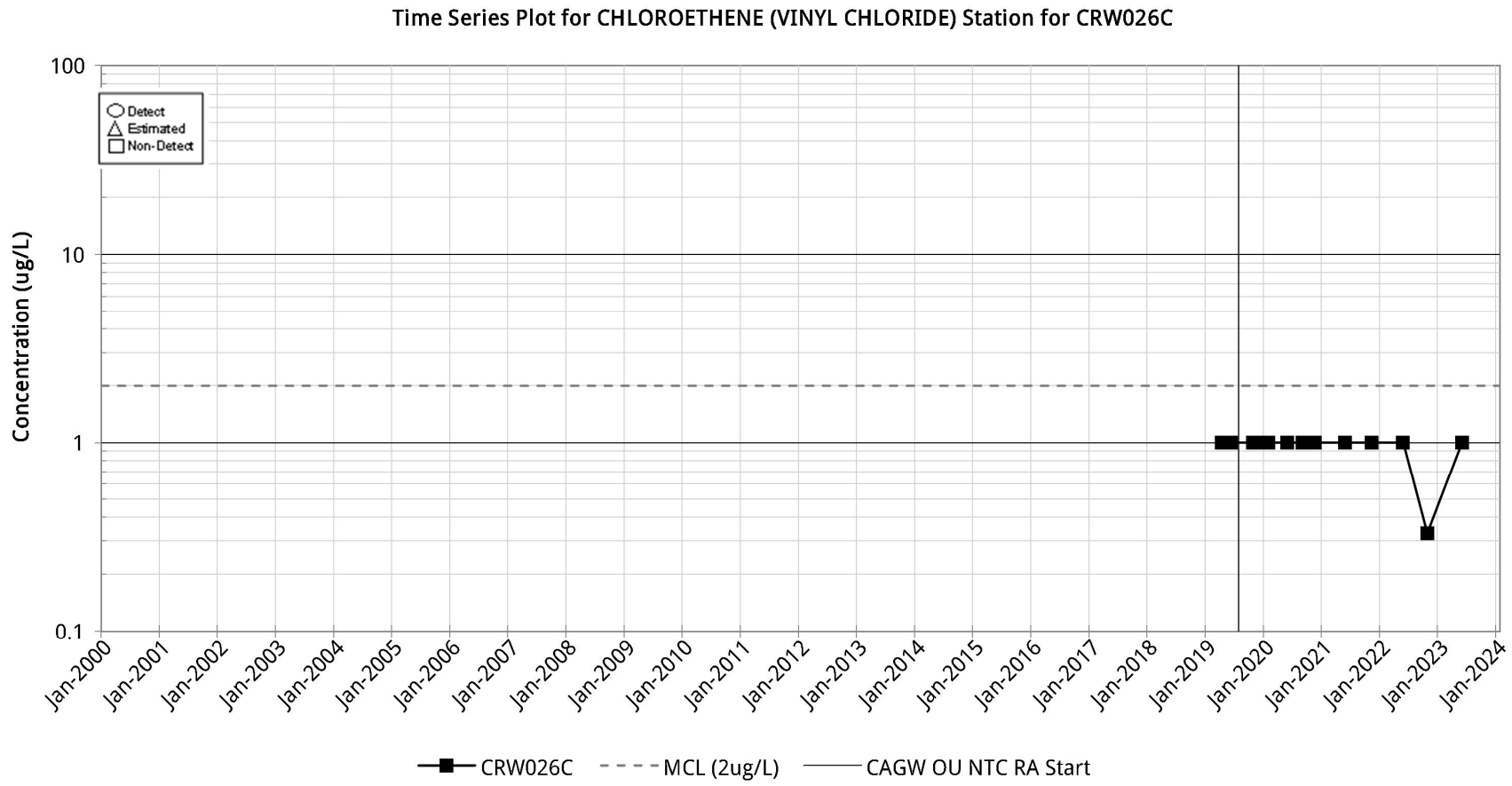

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW026C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-35.

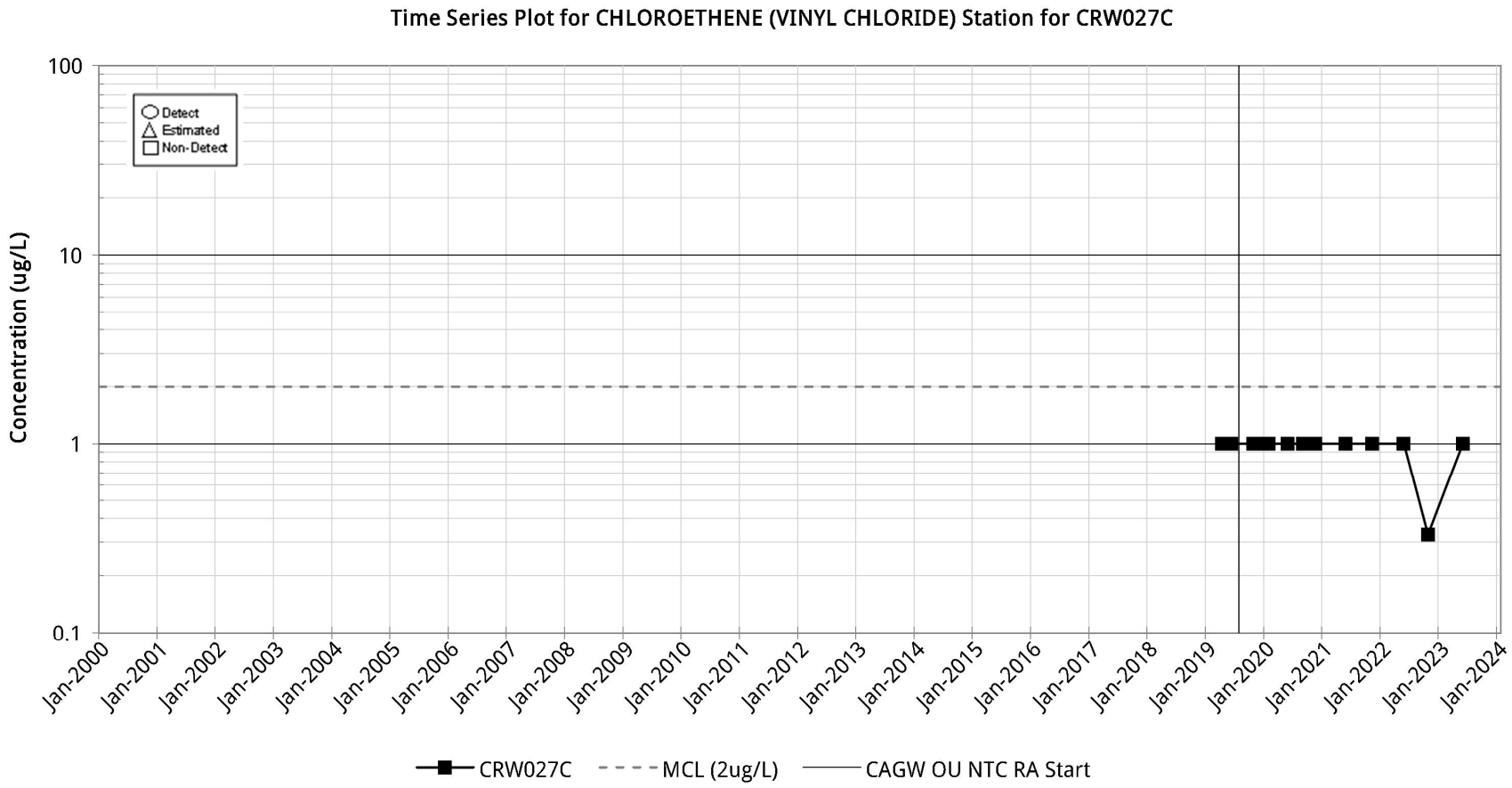

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW027C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-36.

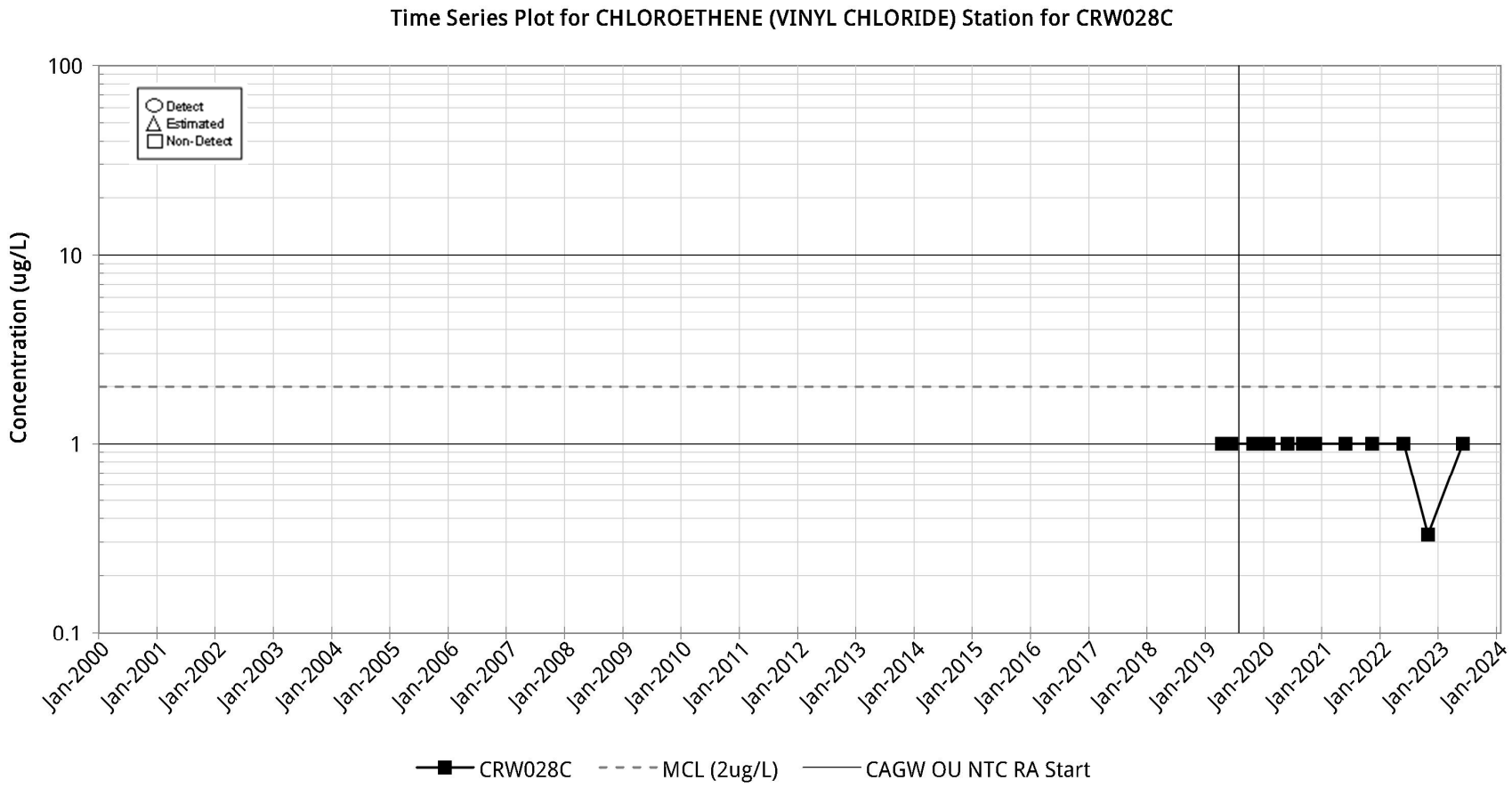

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW028C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-37.

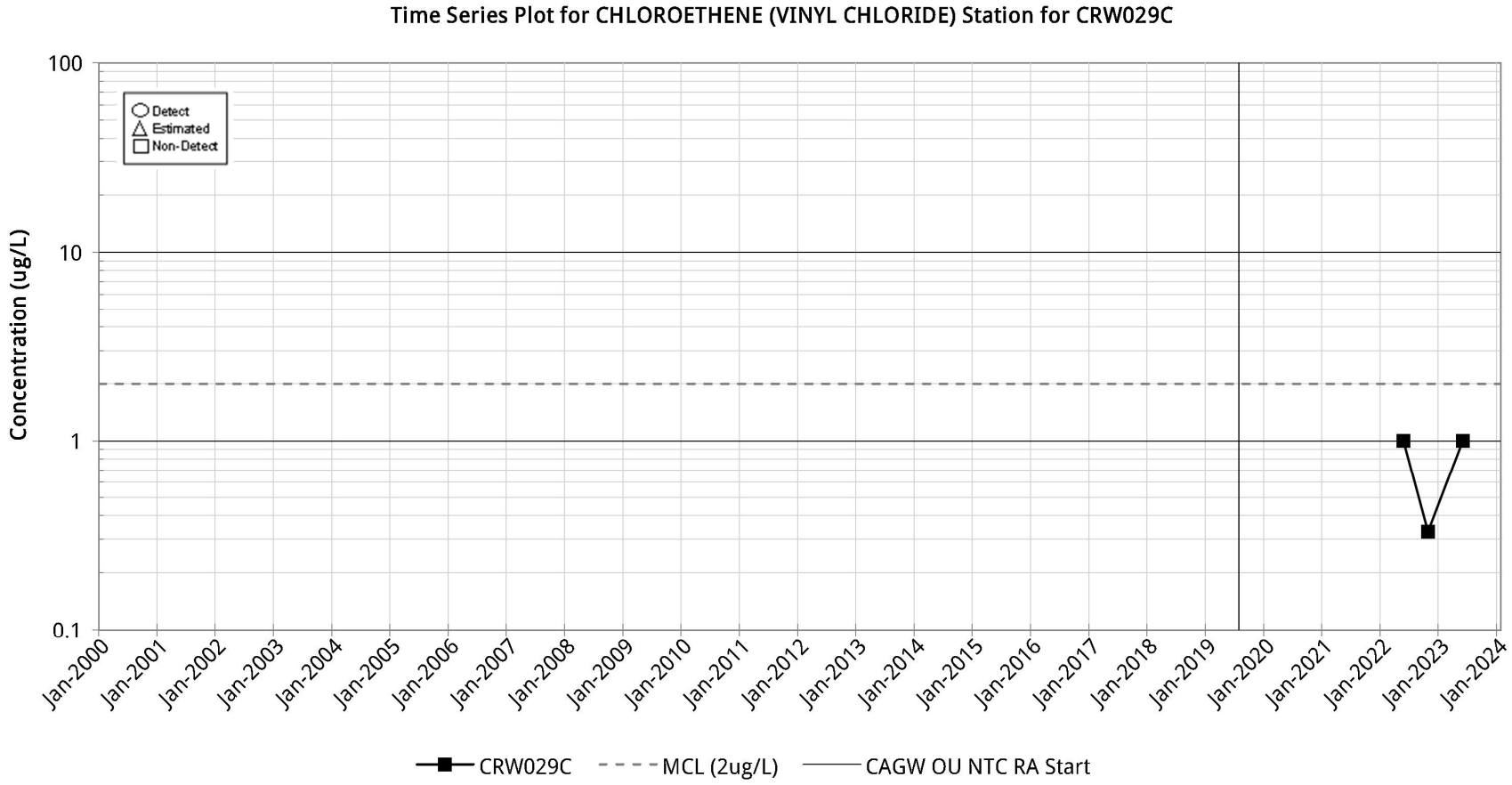

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW029C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-38.

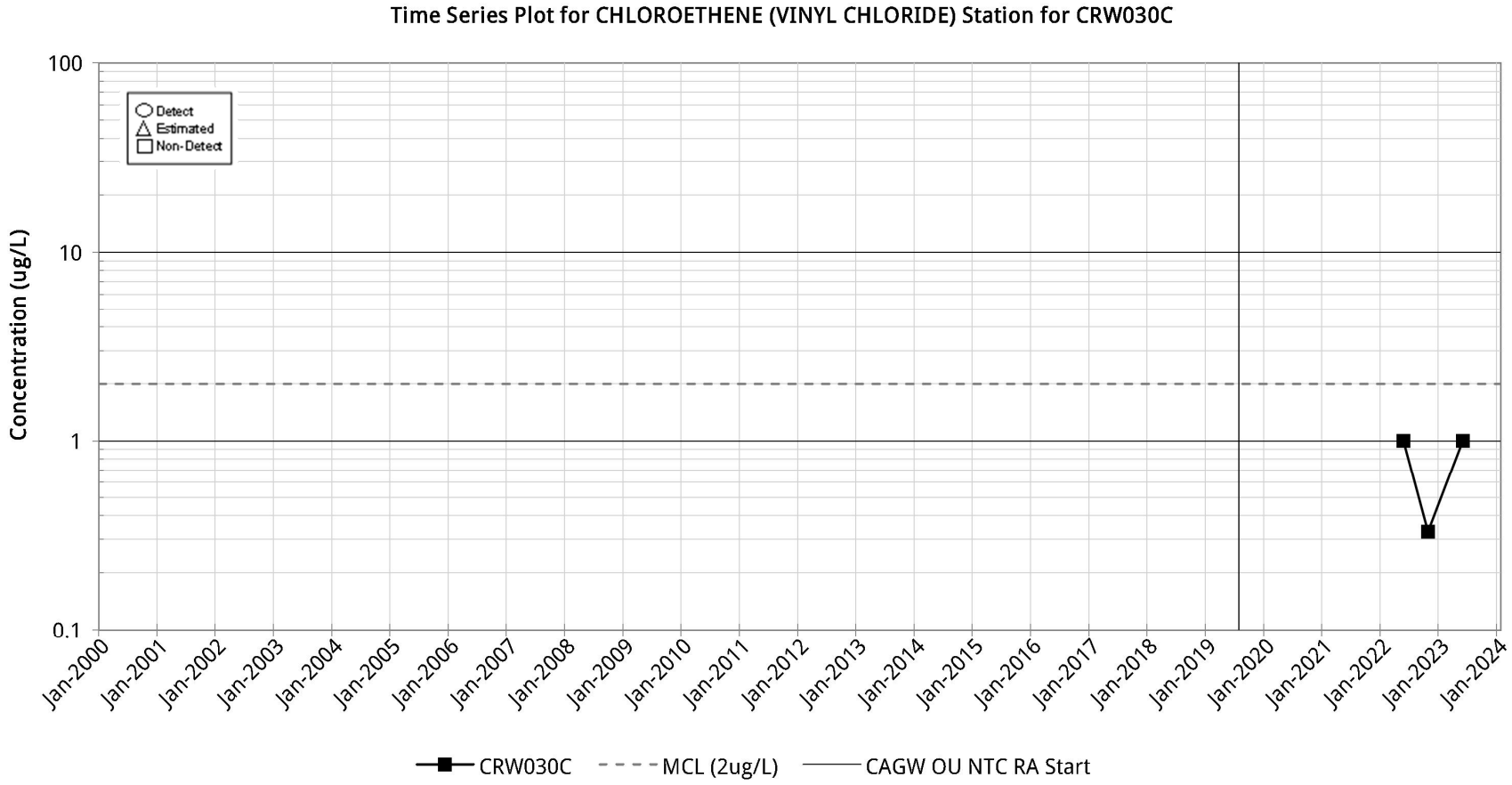

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CRW030C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-39.

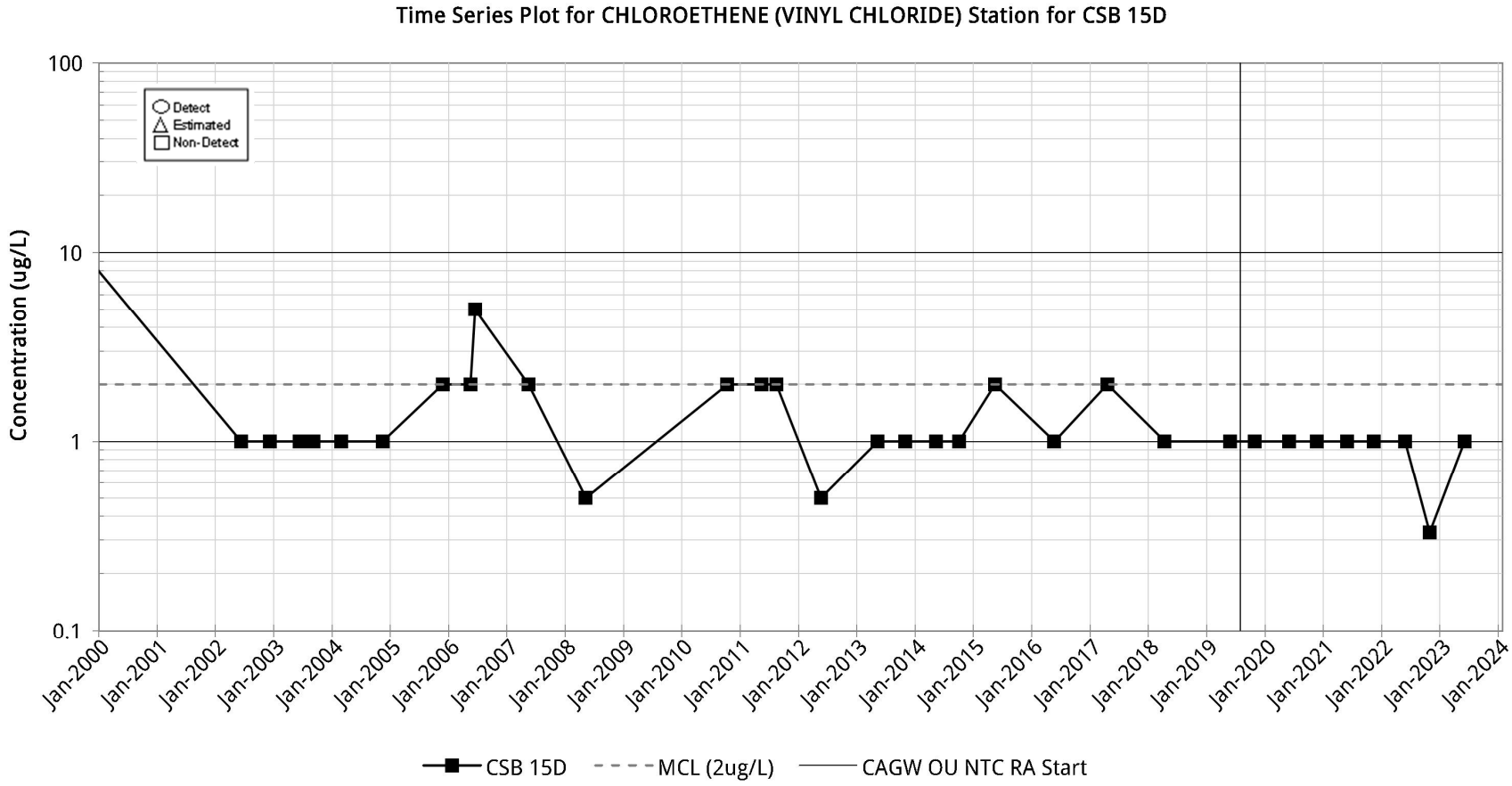

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CSB 15D
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-40.

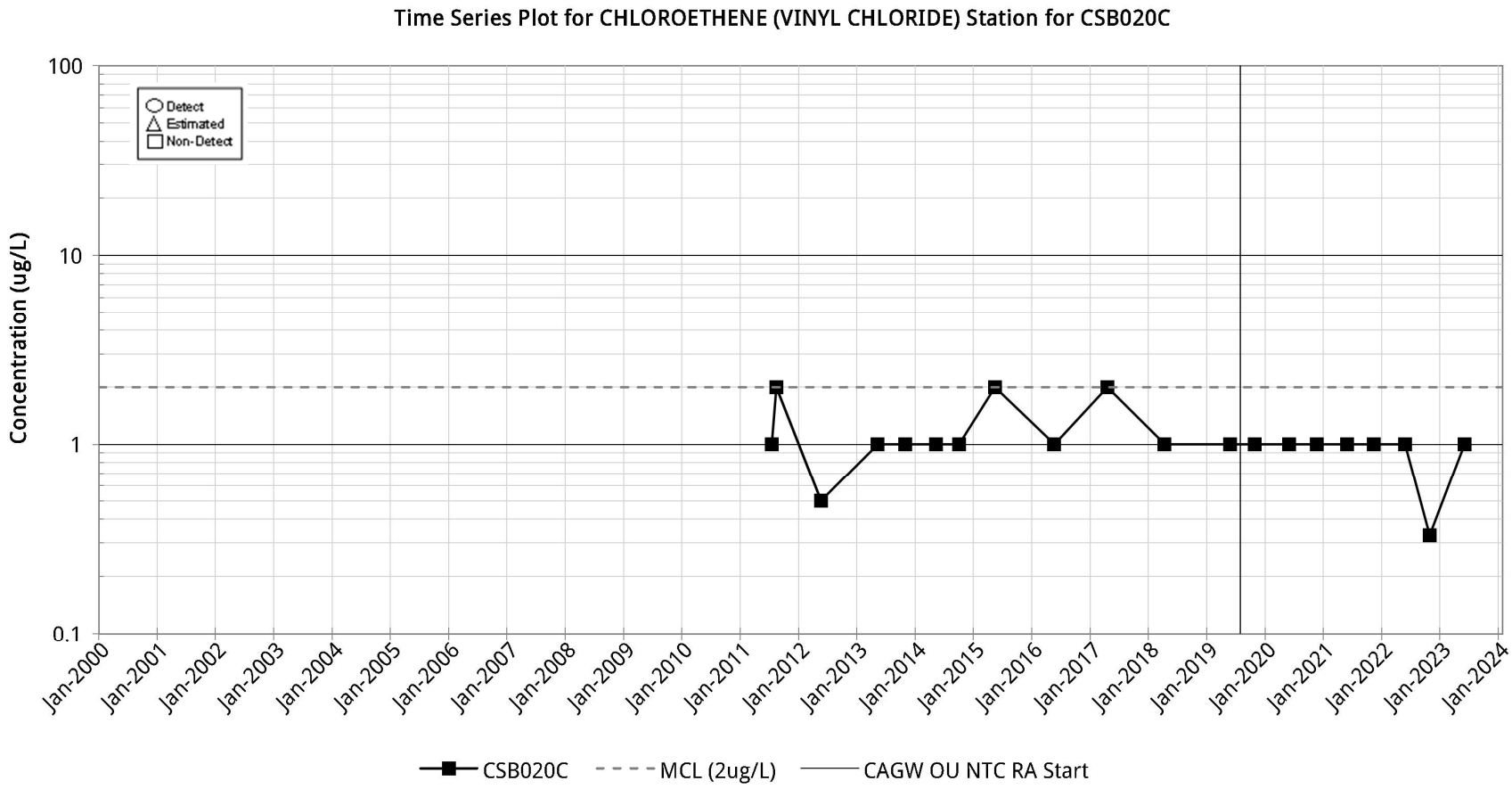

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for CSB020C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-41.

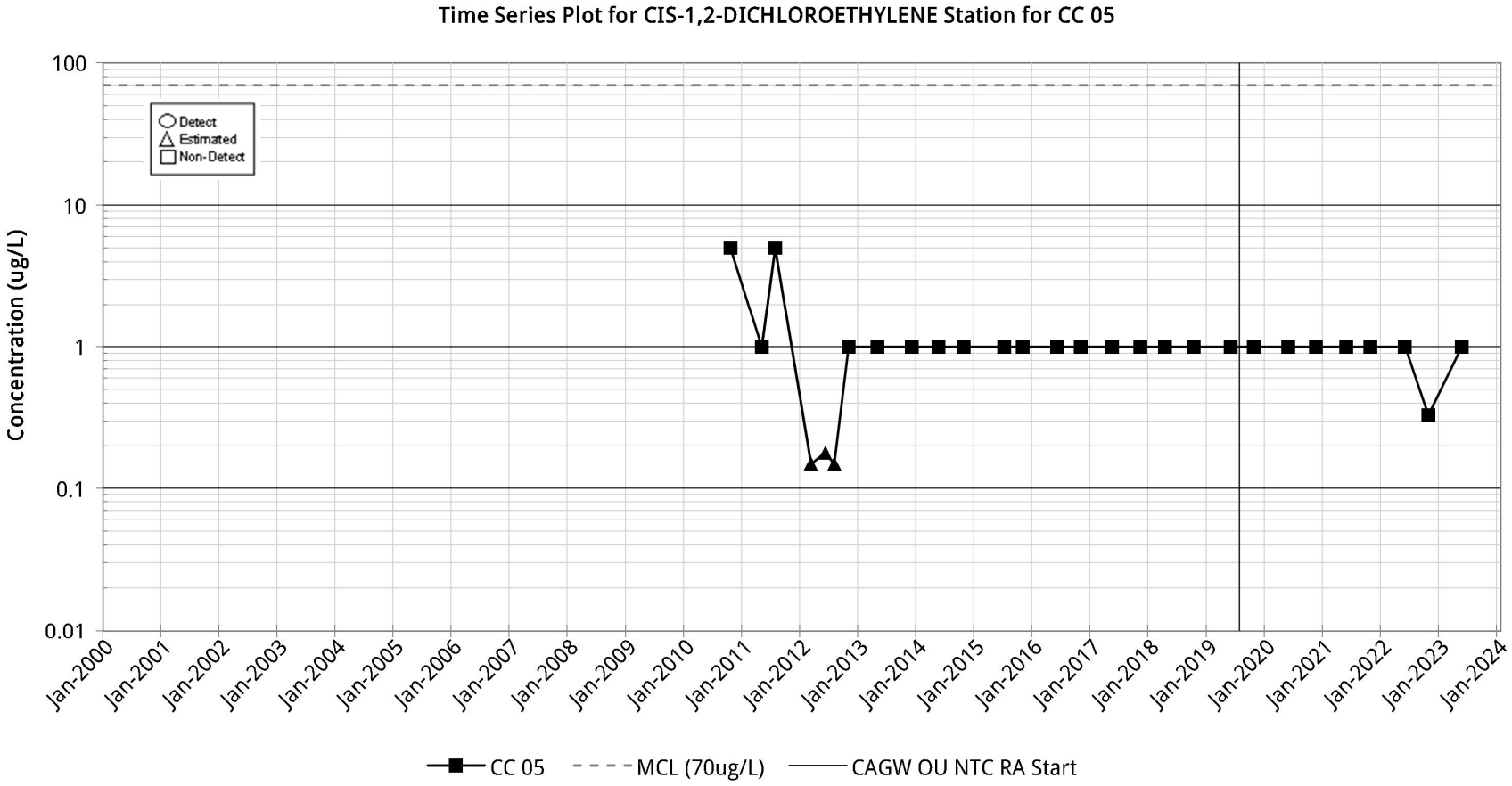

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CC 05
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-42.

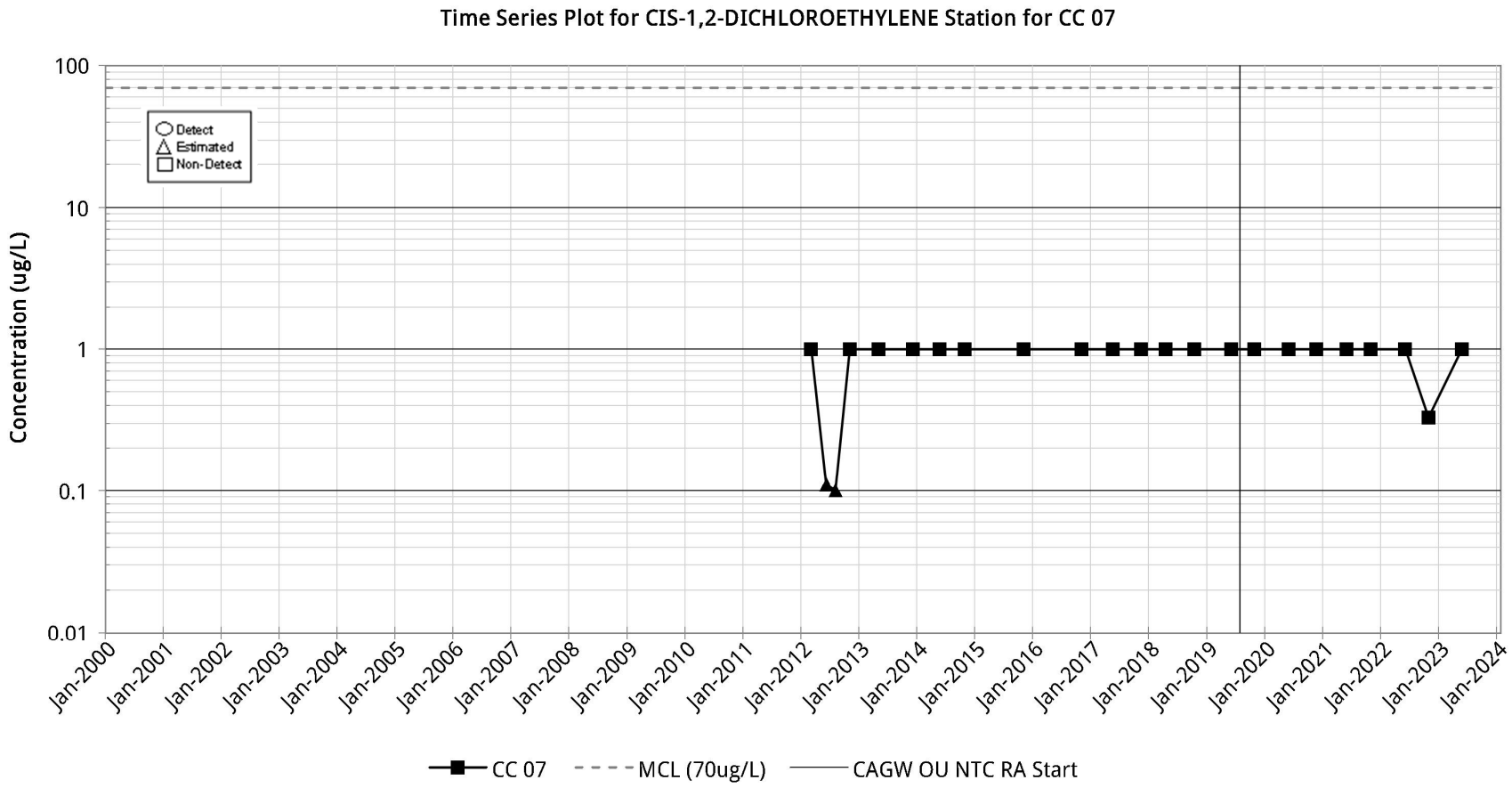

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CC 07
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-43.

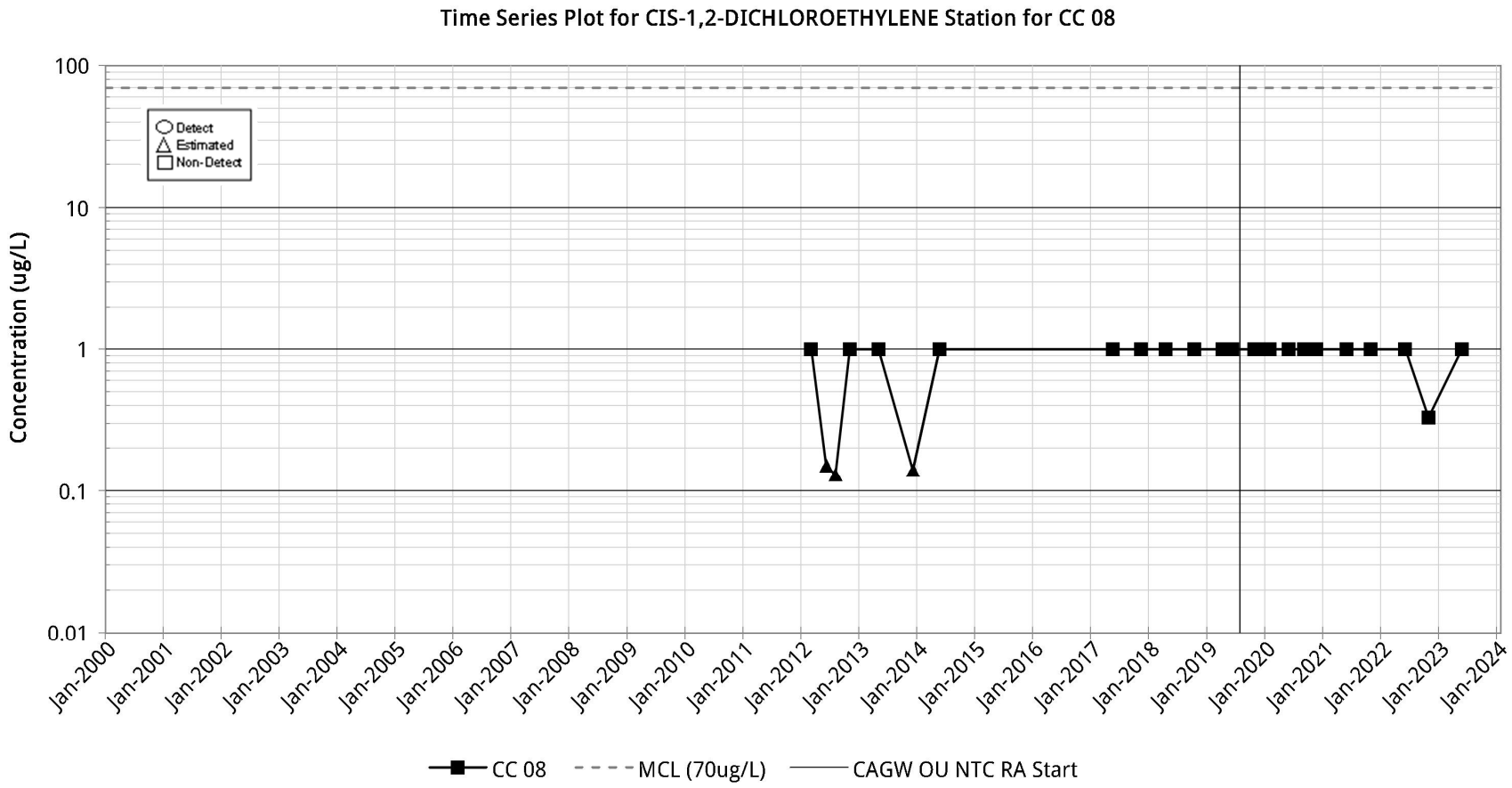

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CC 08
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-44.

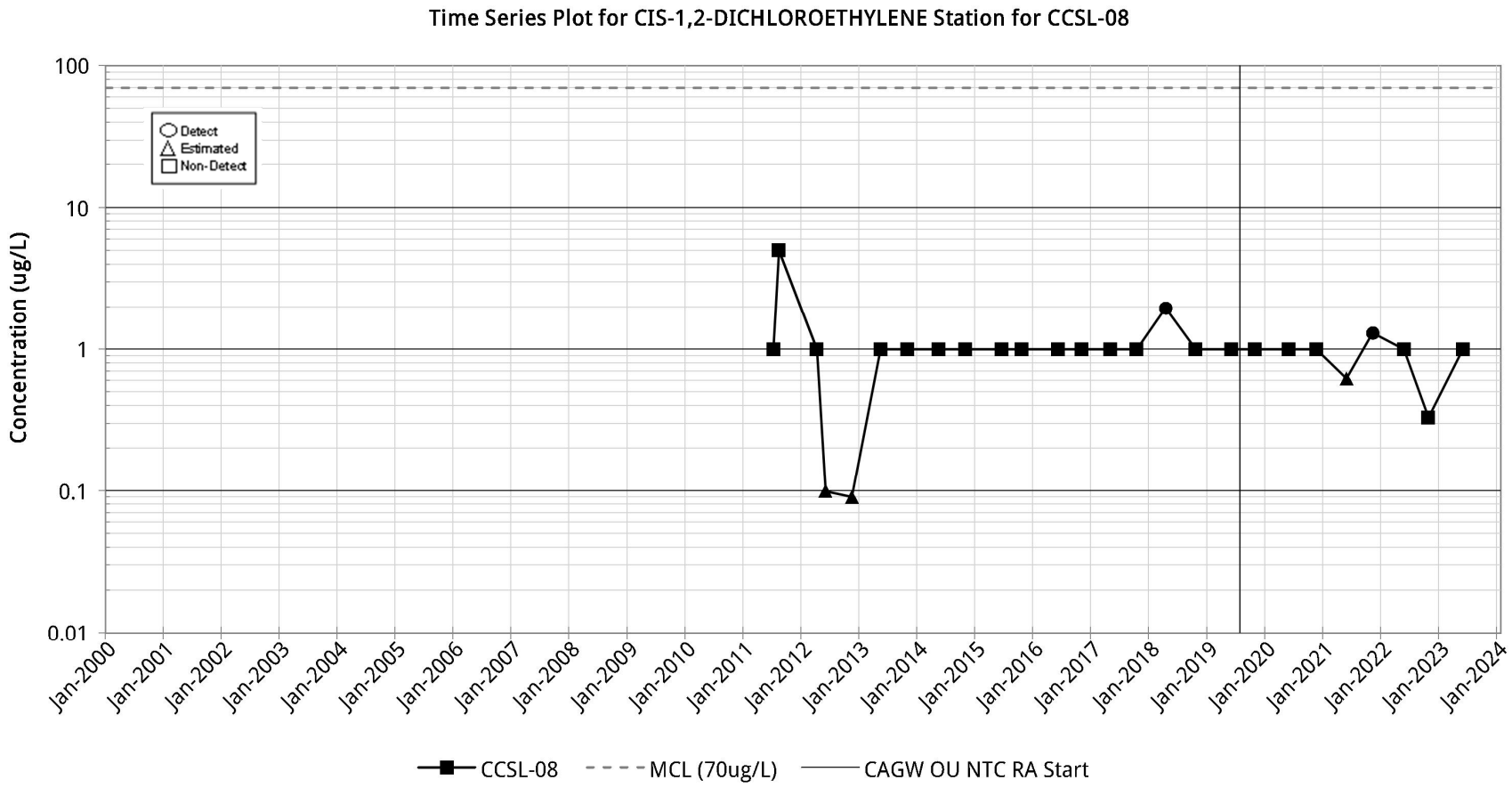

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-08
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-45.

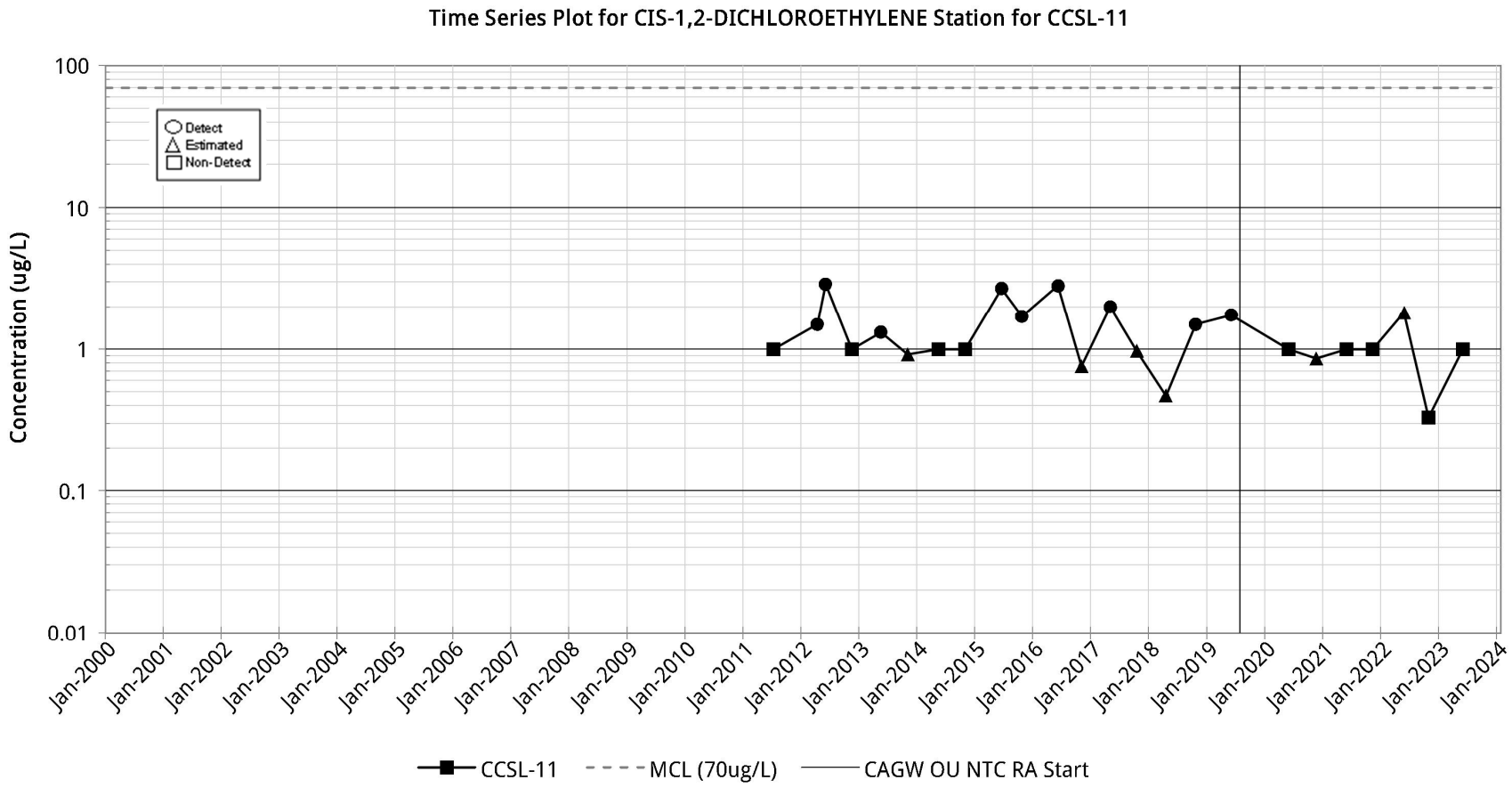

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-11
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-46.

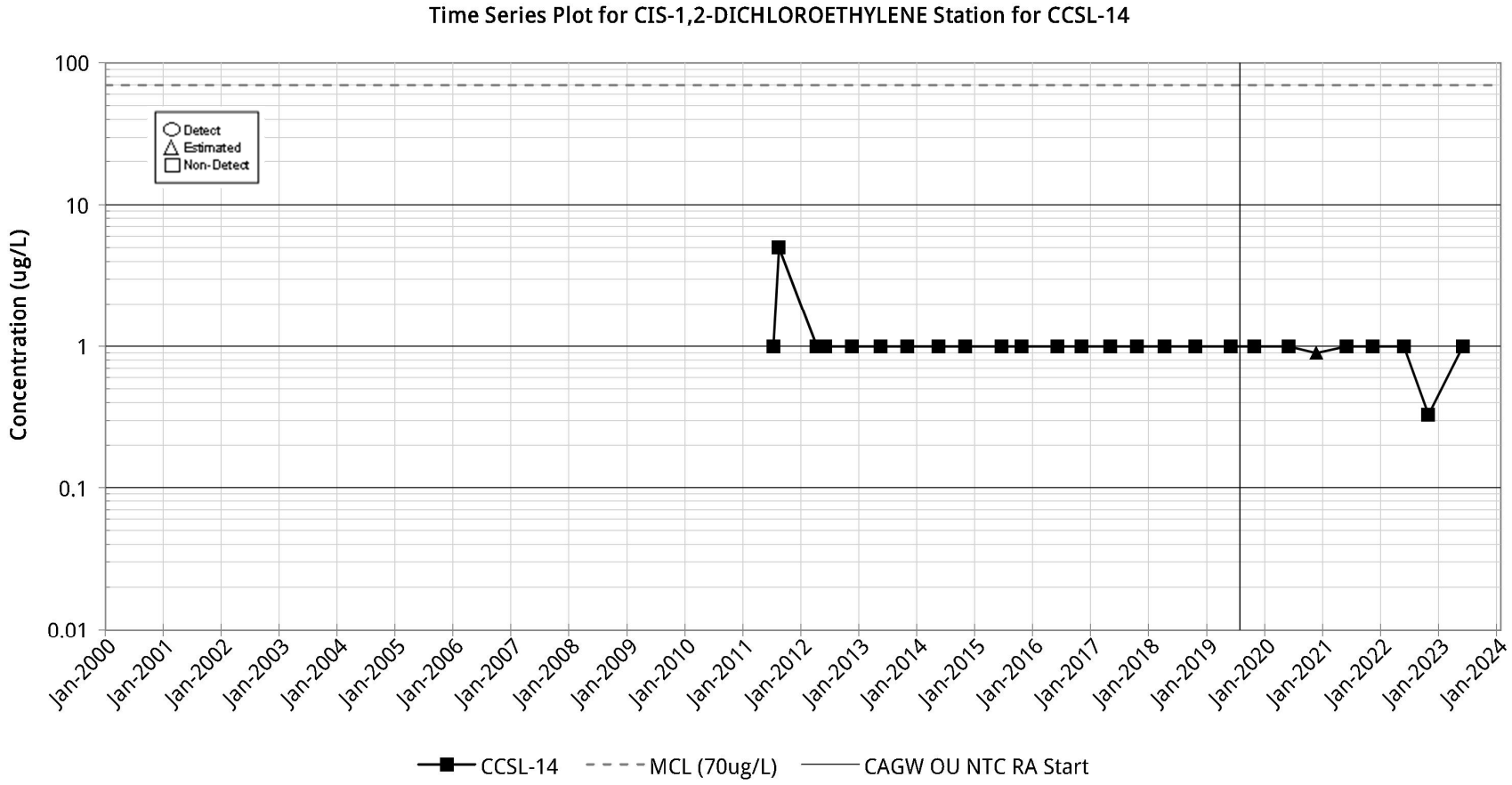

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-14
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-47.

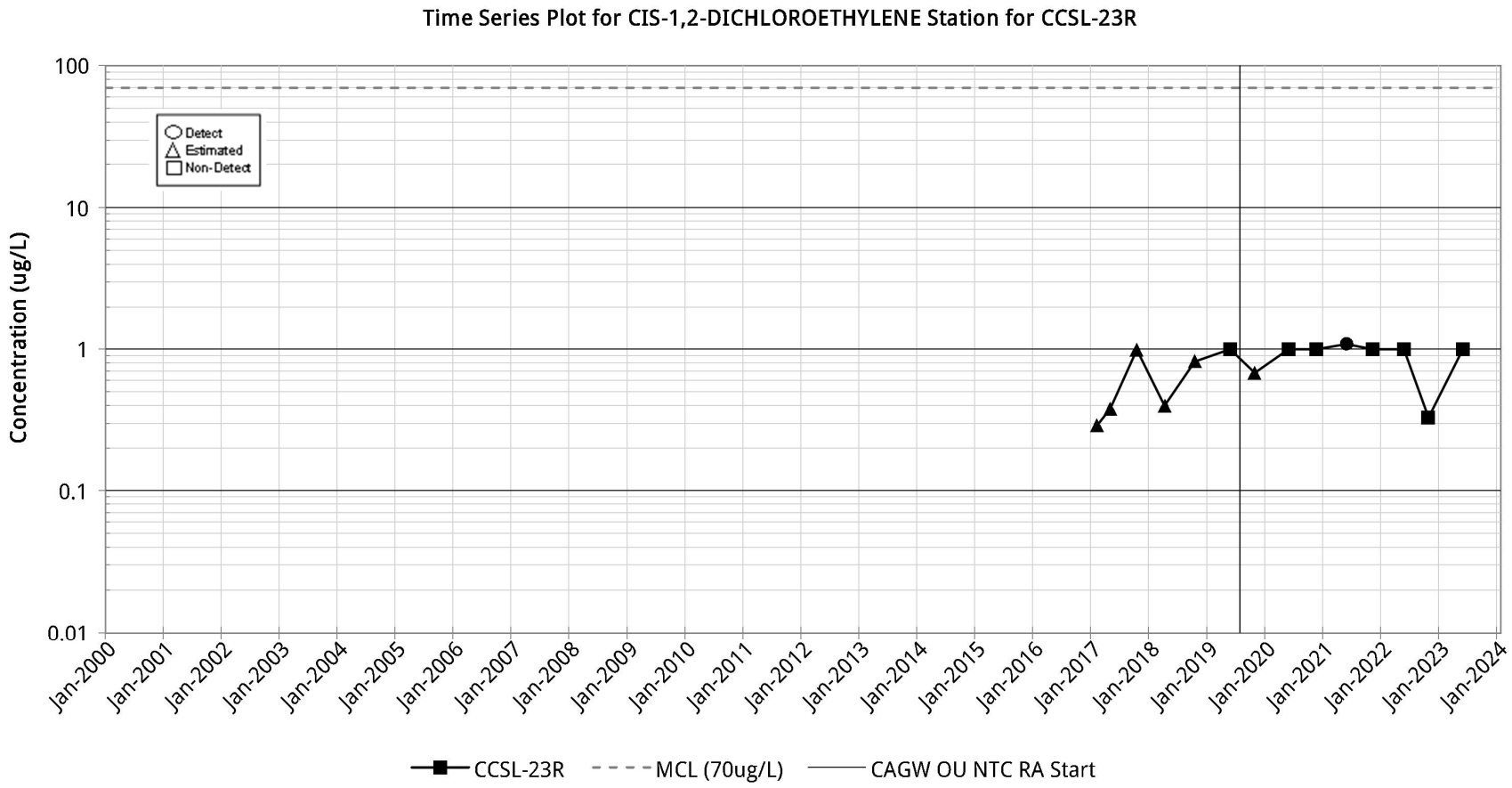

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-23R
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-48.

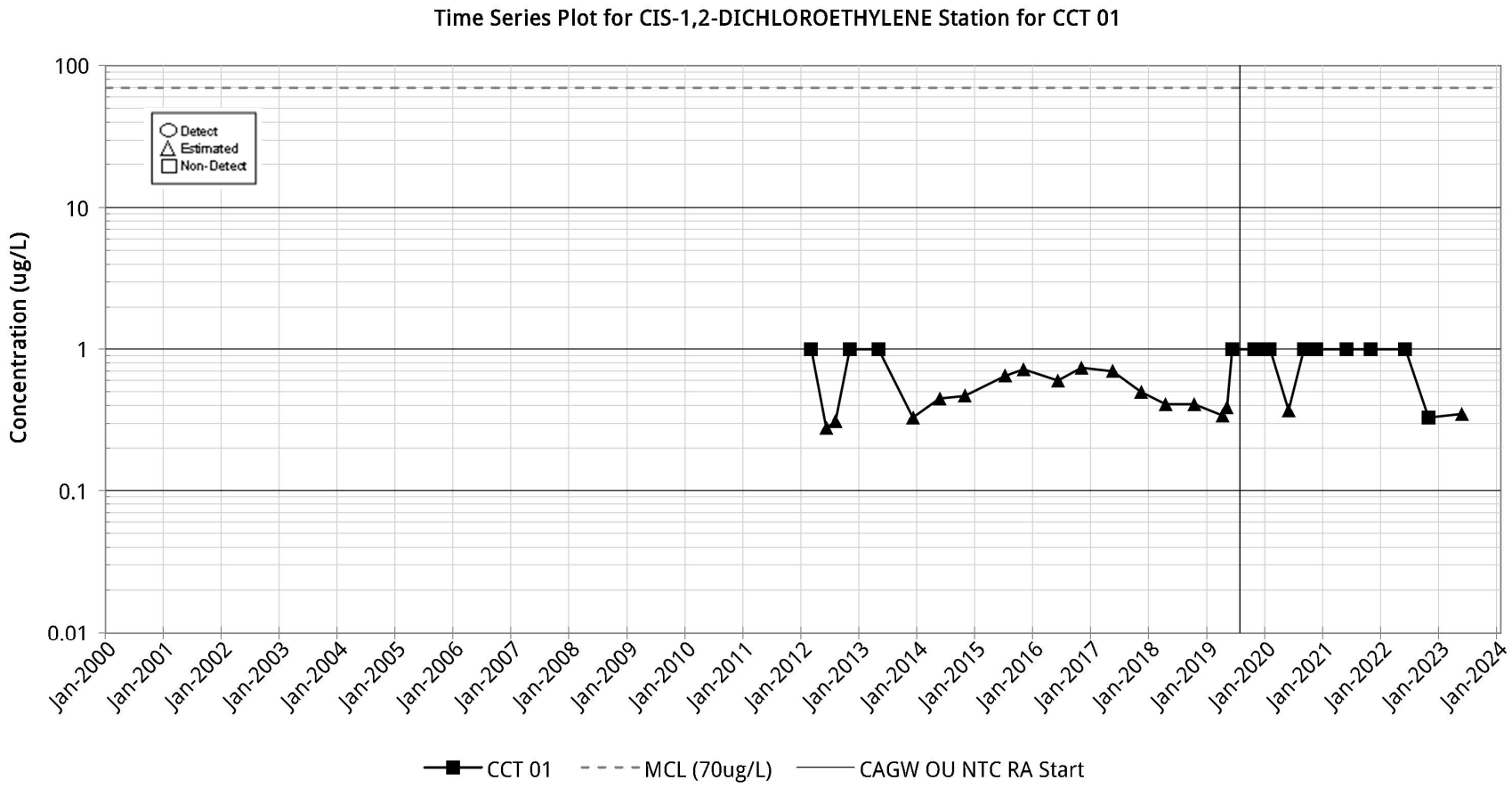

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCT 01
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-49.

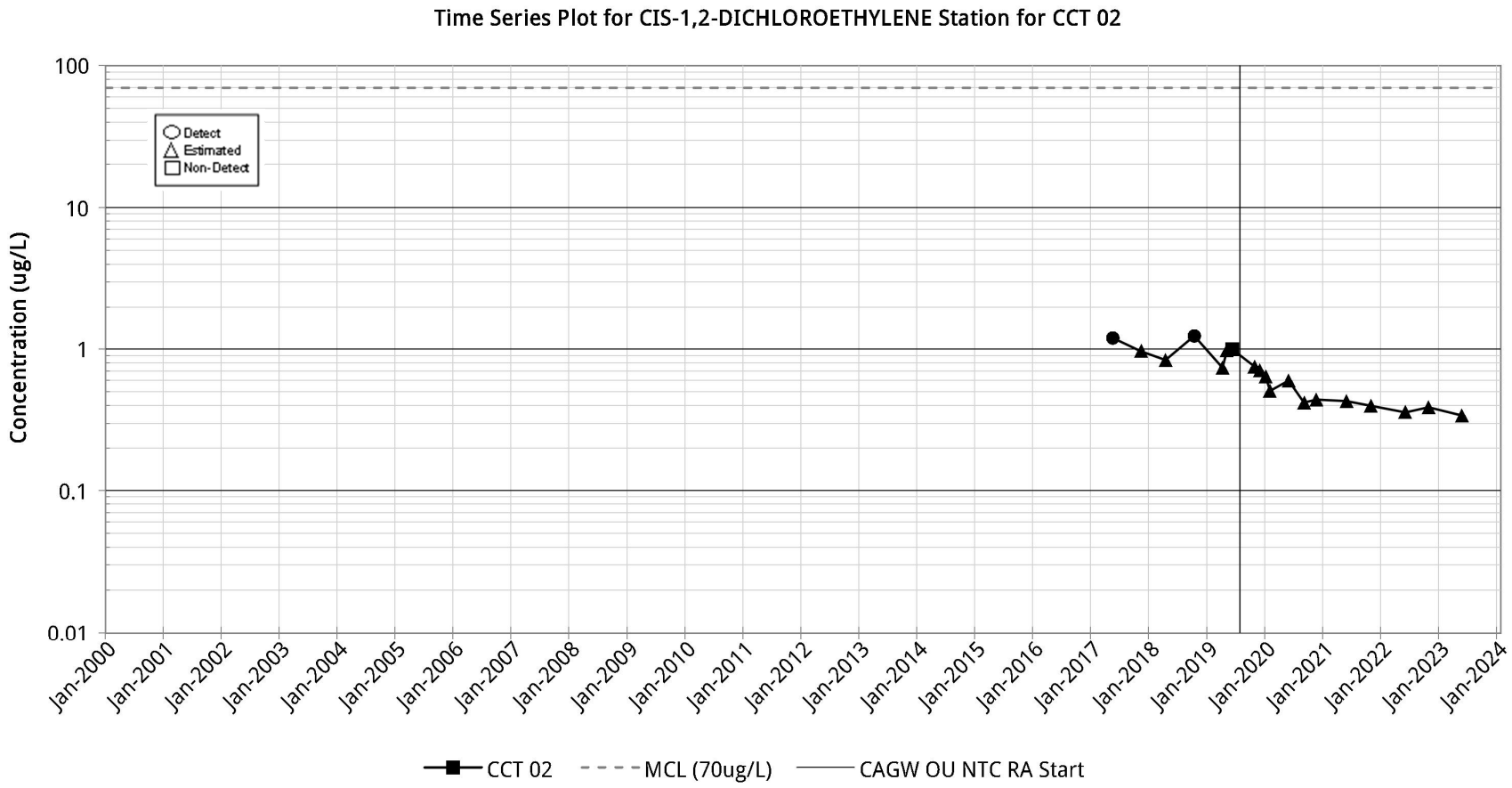

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCT 02
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-50.

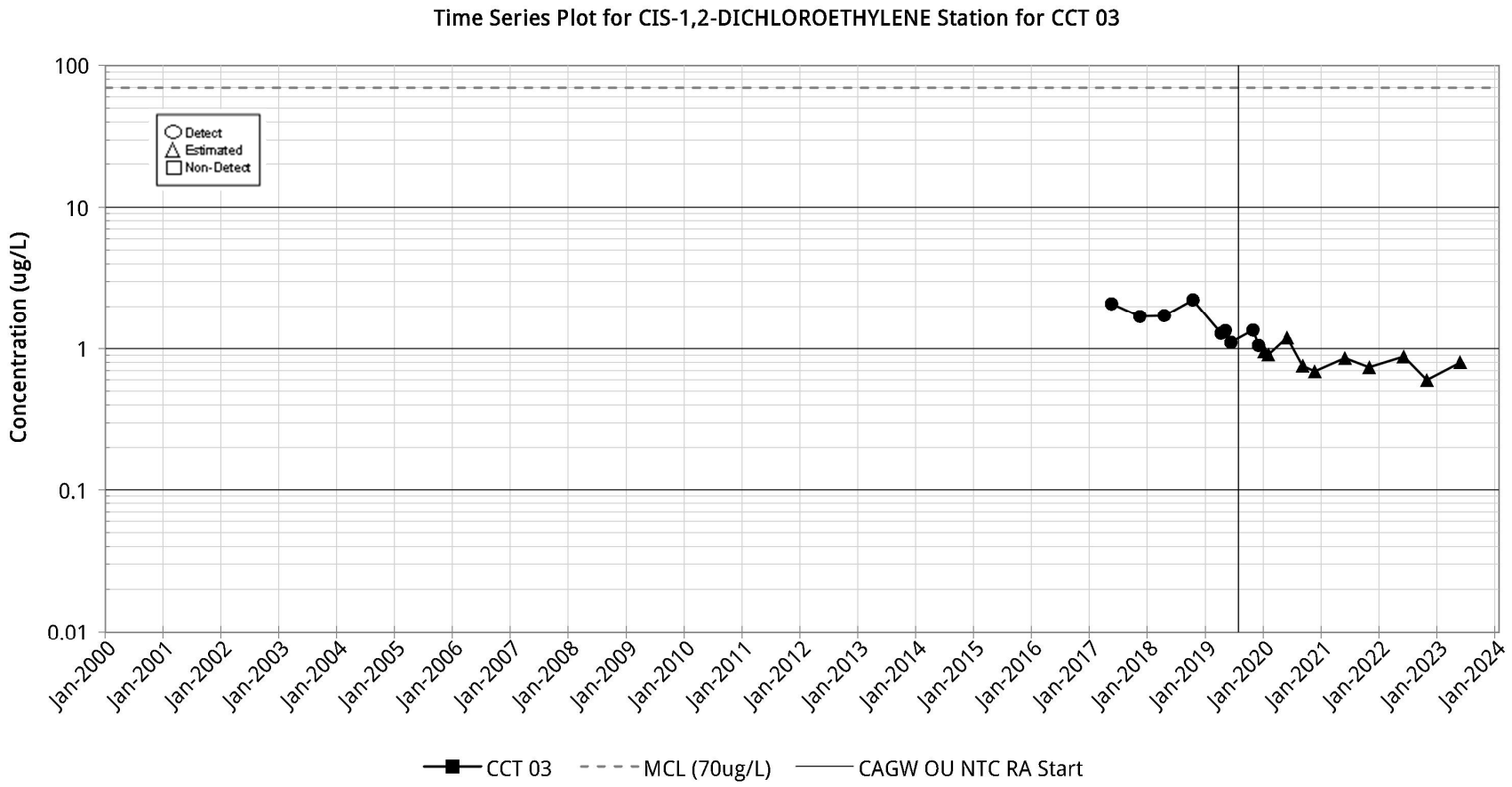

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCT 03
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-51.

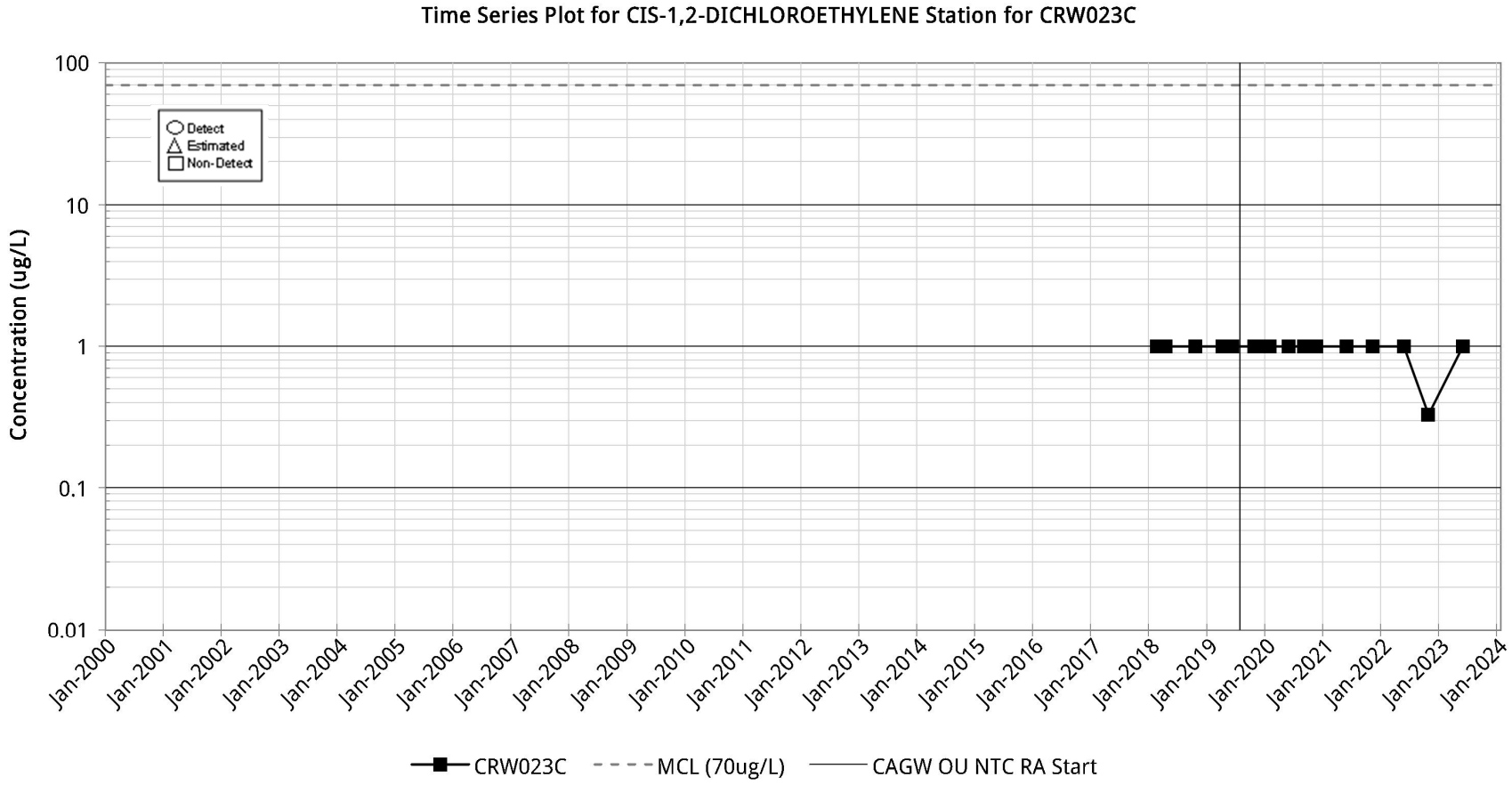

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW023C
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-52.

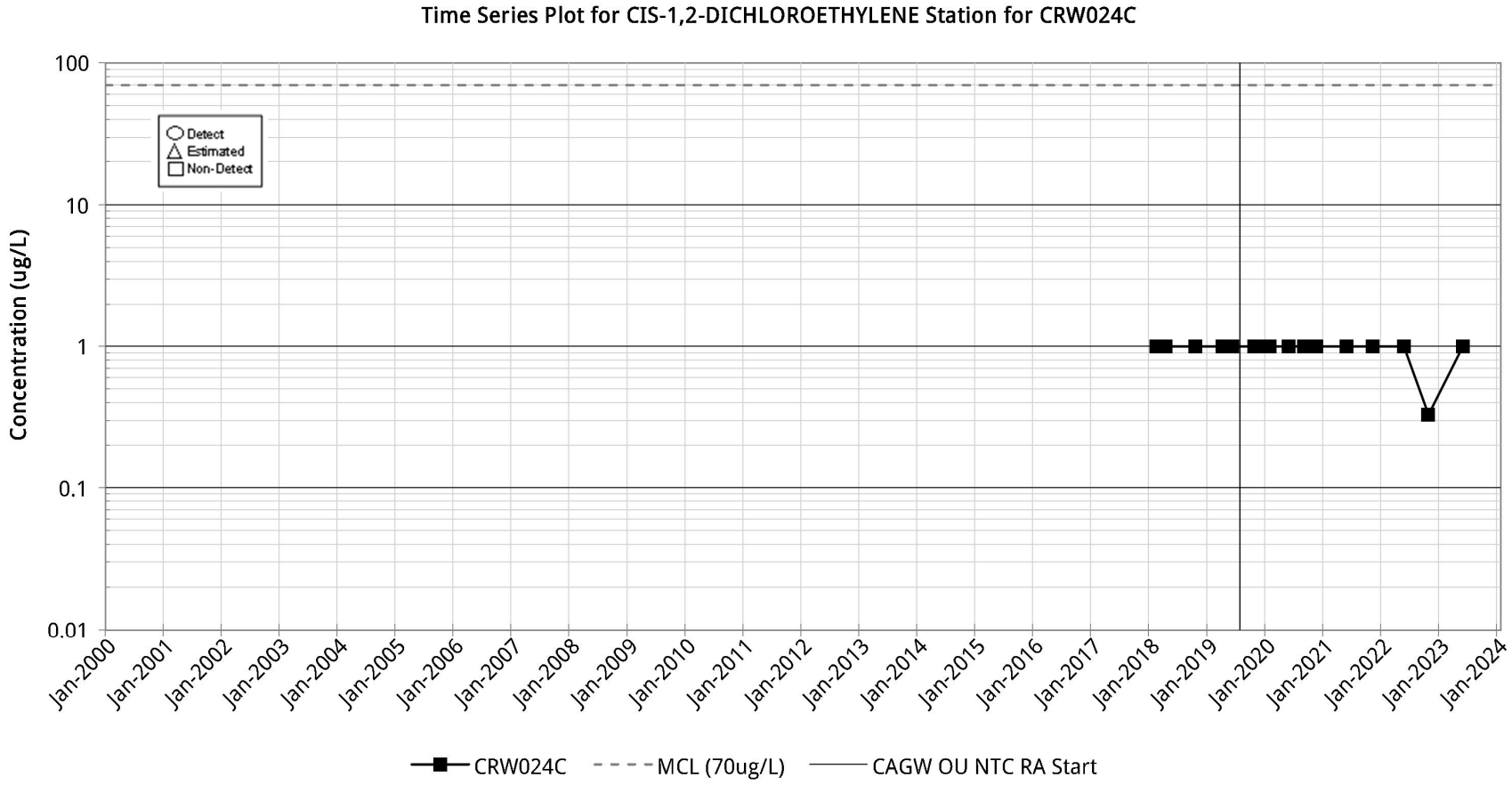

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW024C
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-53.

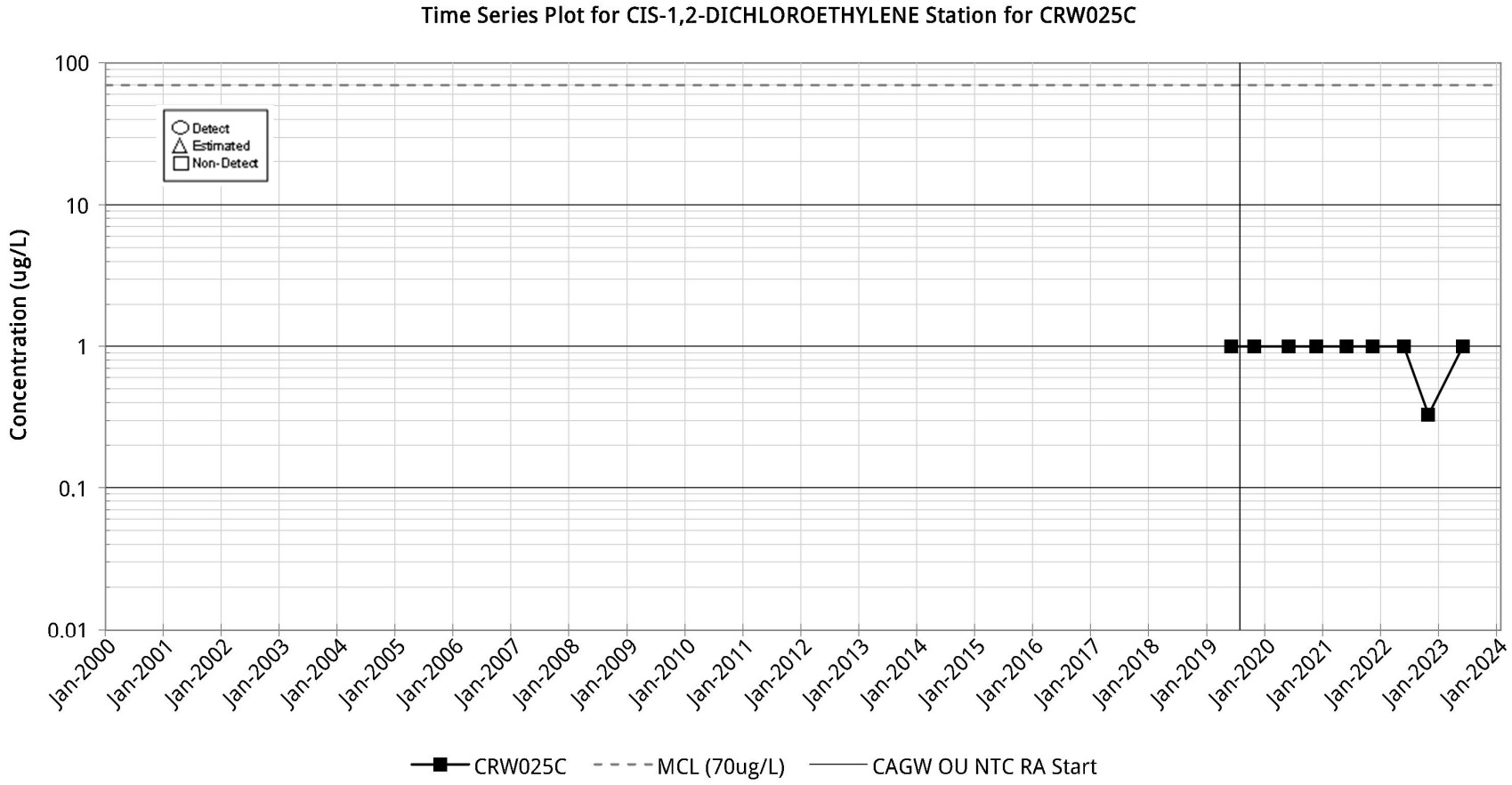

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW025C
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-54.

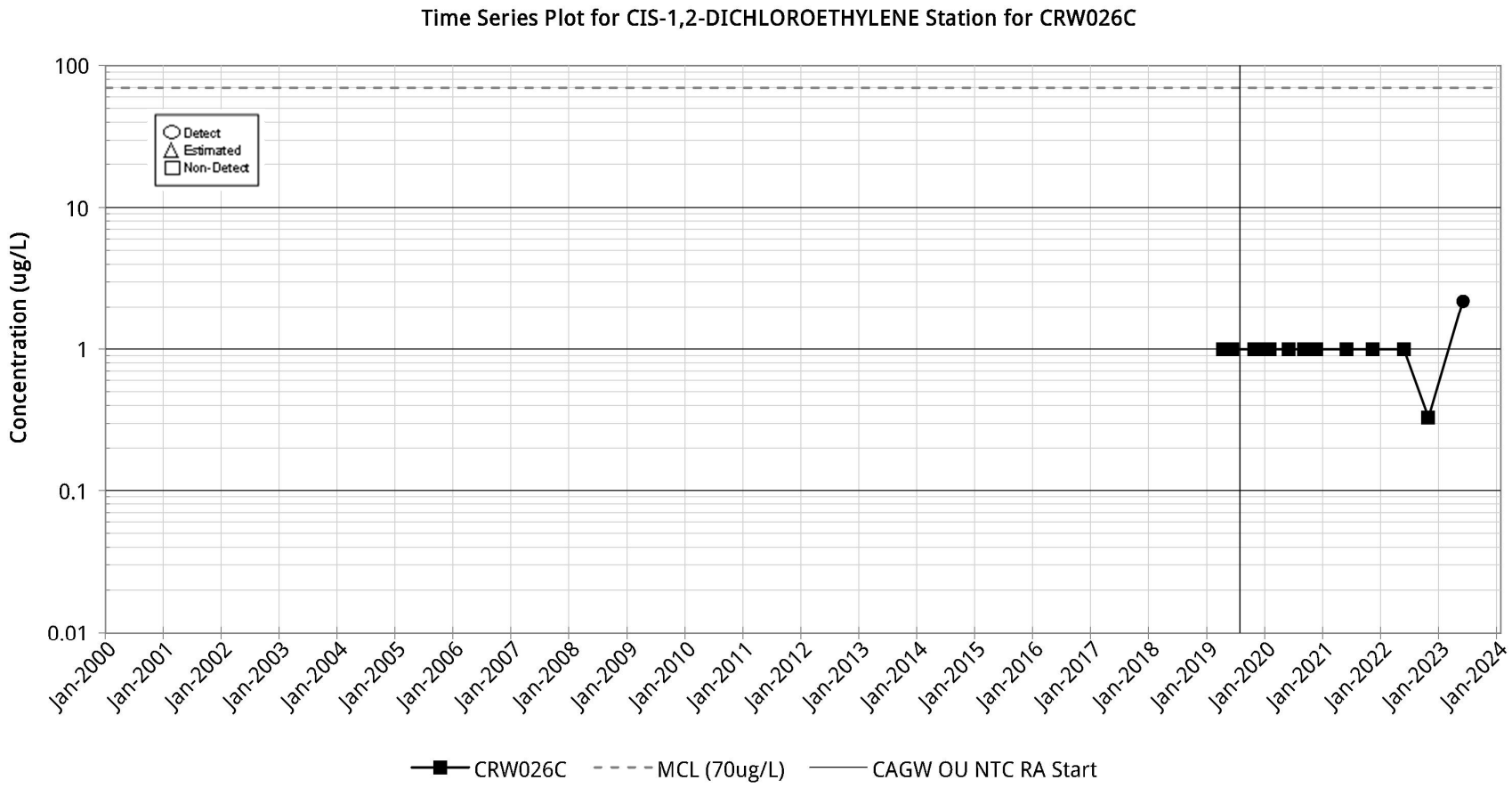

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW026C
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-55.

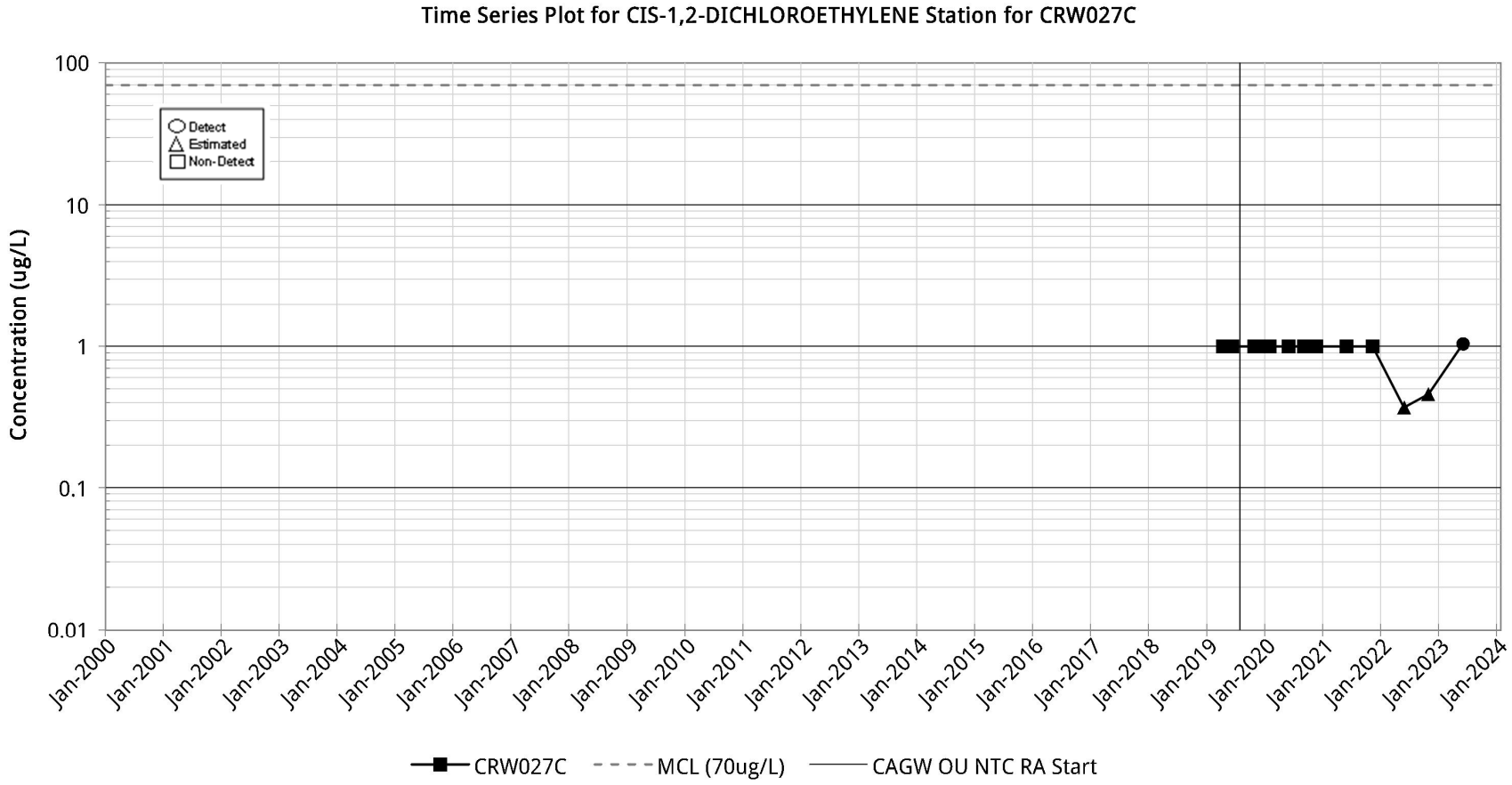

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW027C
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-56.

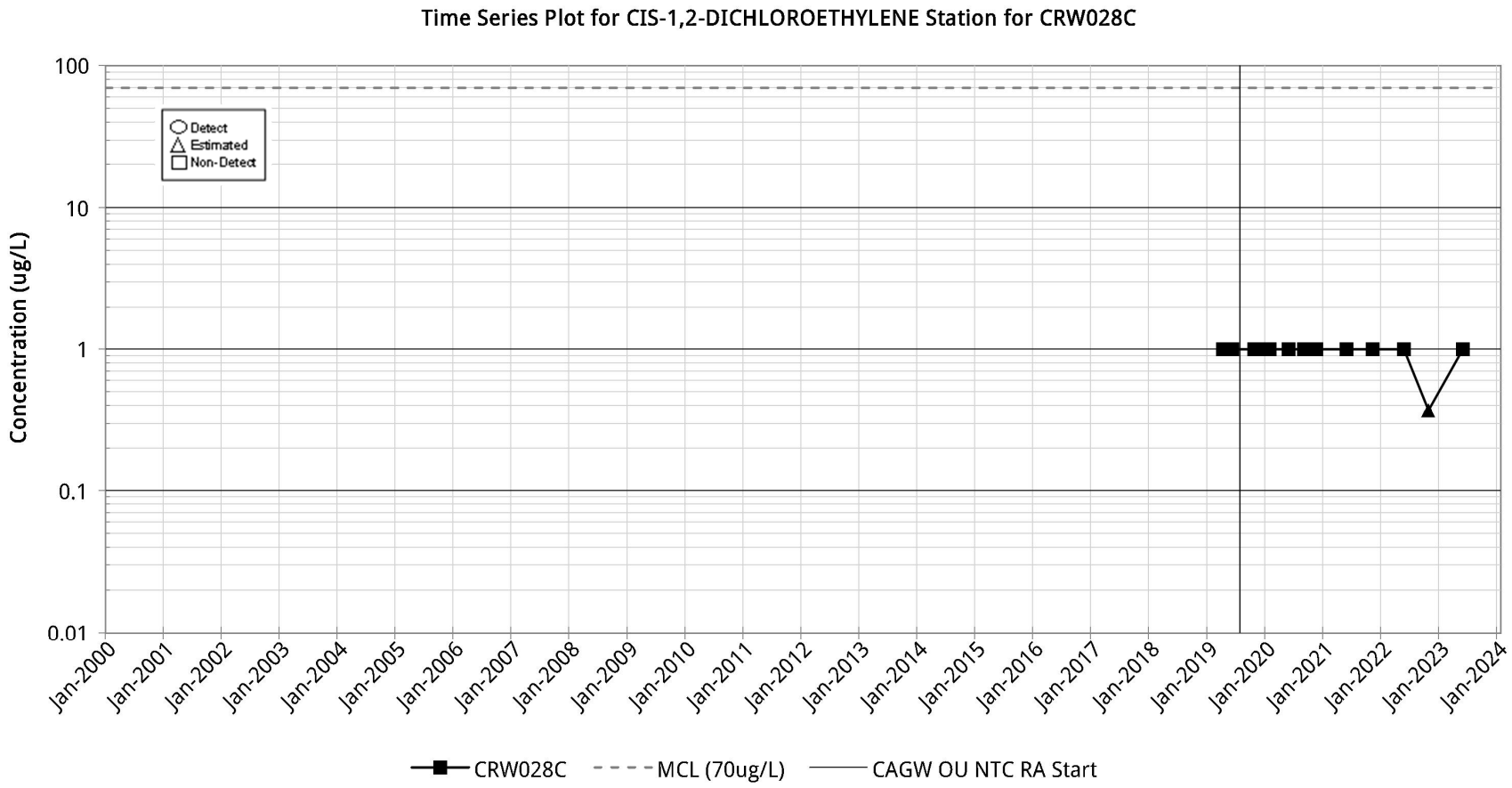

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW028C
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-57.

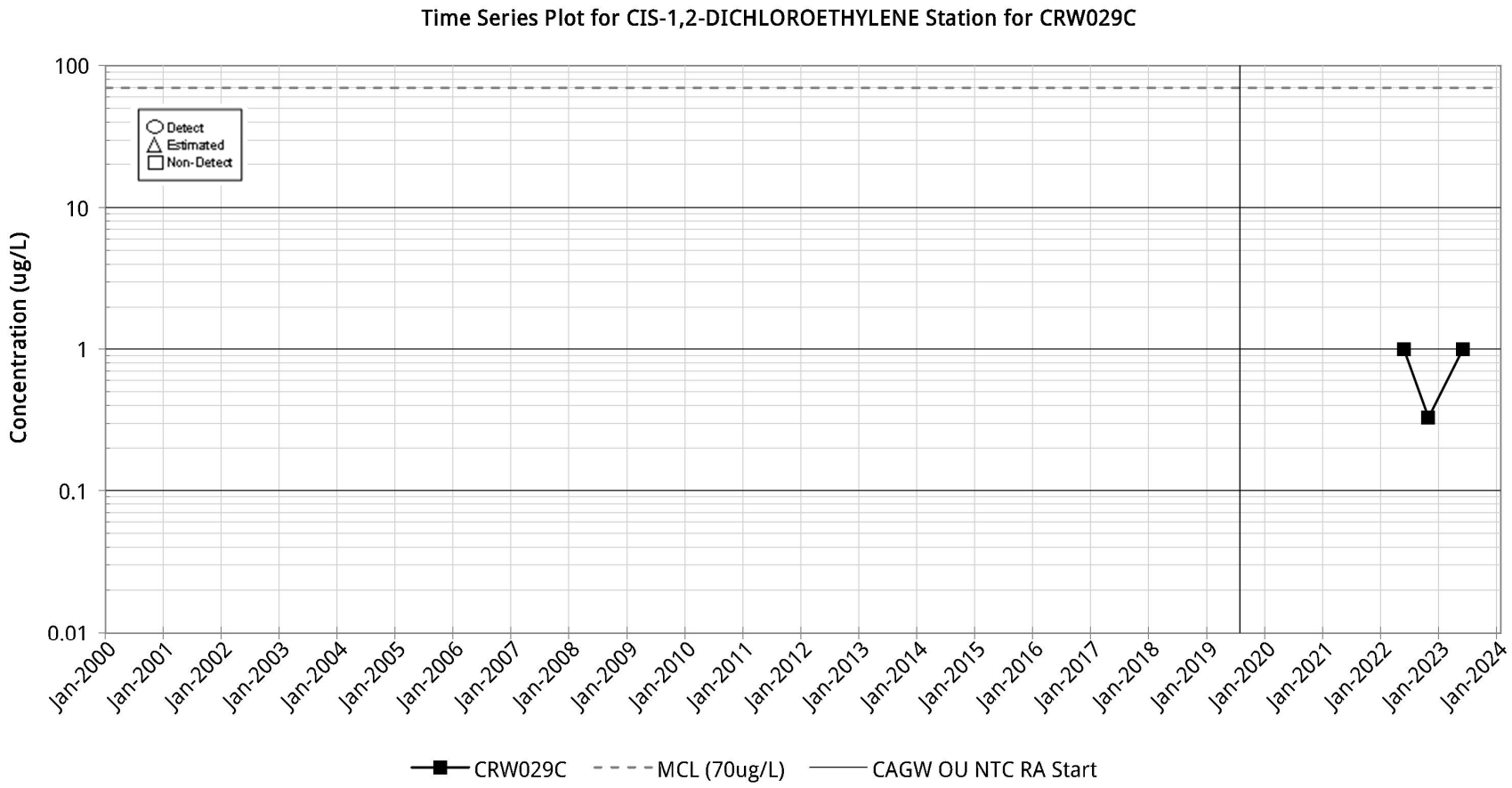

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW029C
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-58.

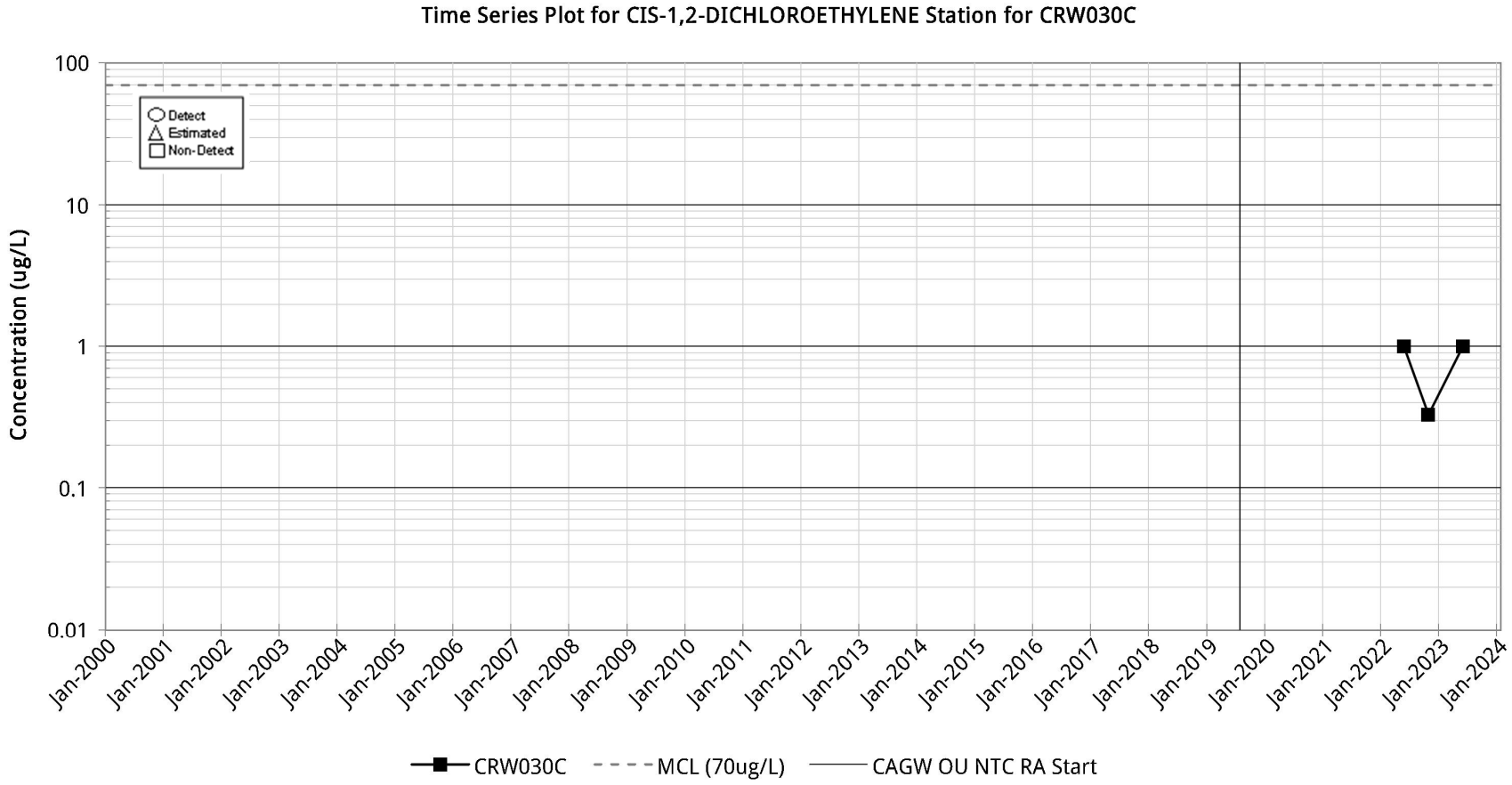

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW030C
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-59.

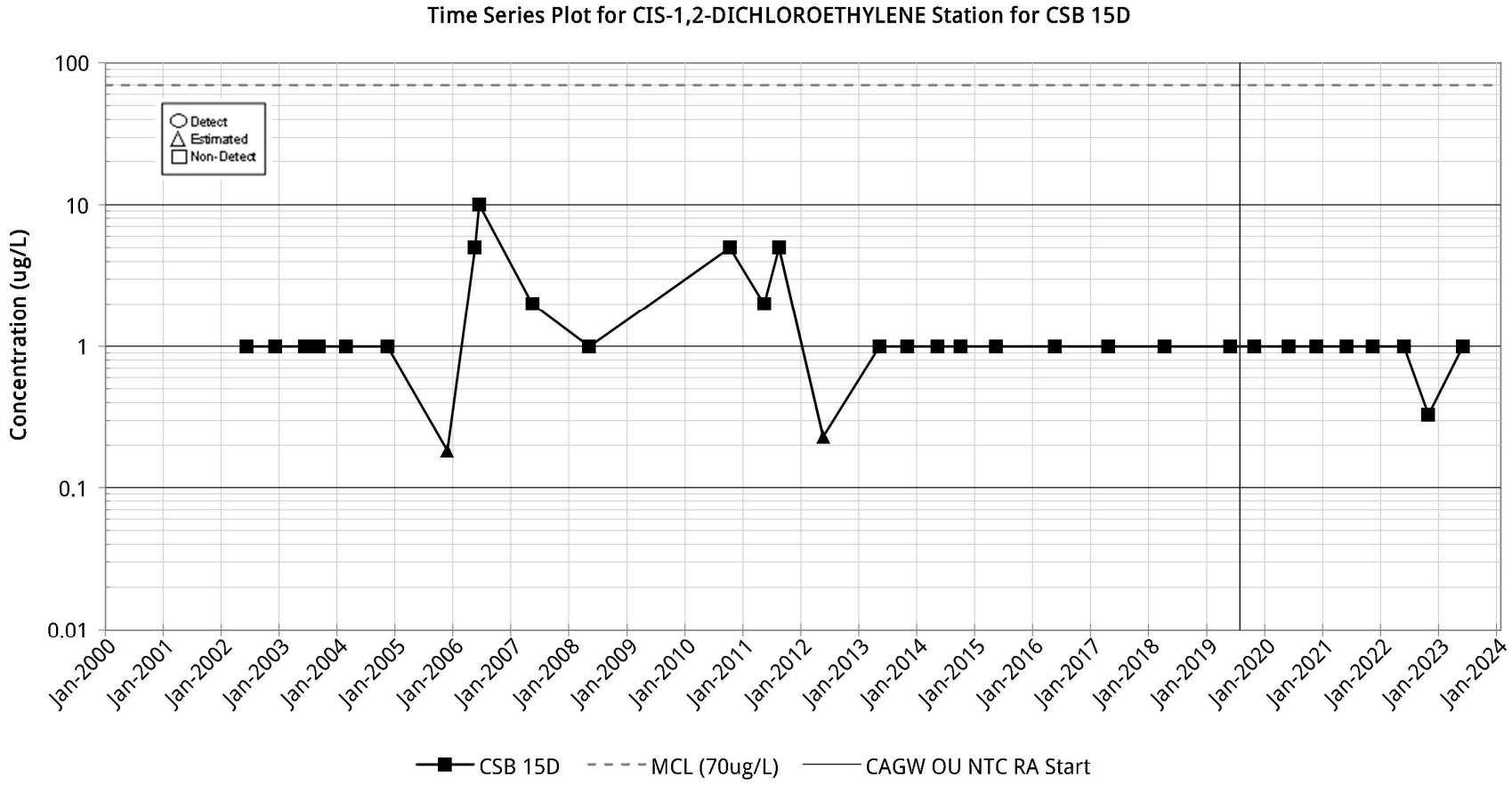

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CSB 15D
Concentration (ug/L)
100
10
1
0.1
0.01
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-60.

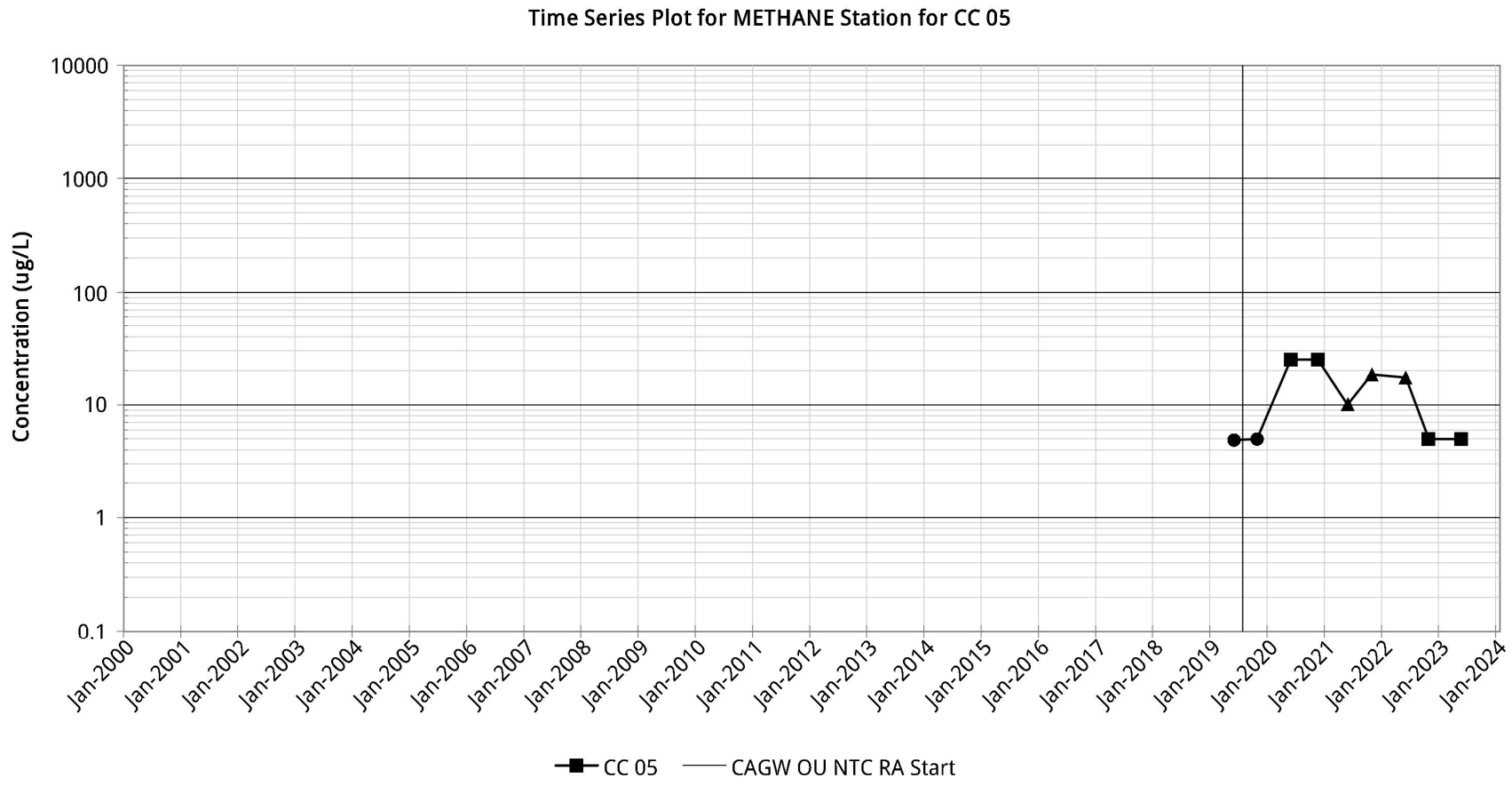

Time Series Plot for METHANE Station for CC 05
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023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

Figure C-61.

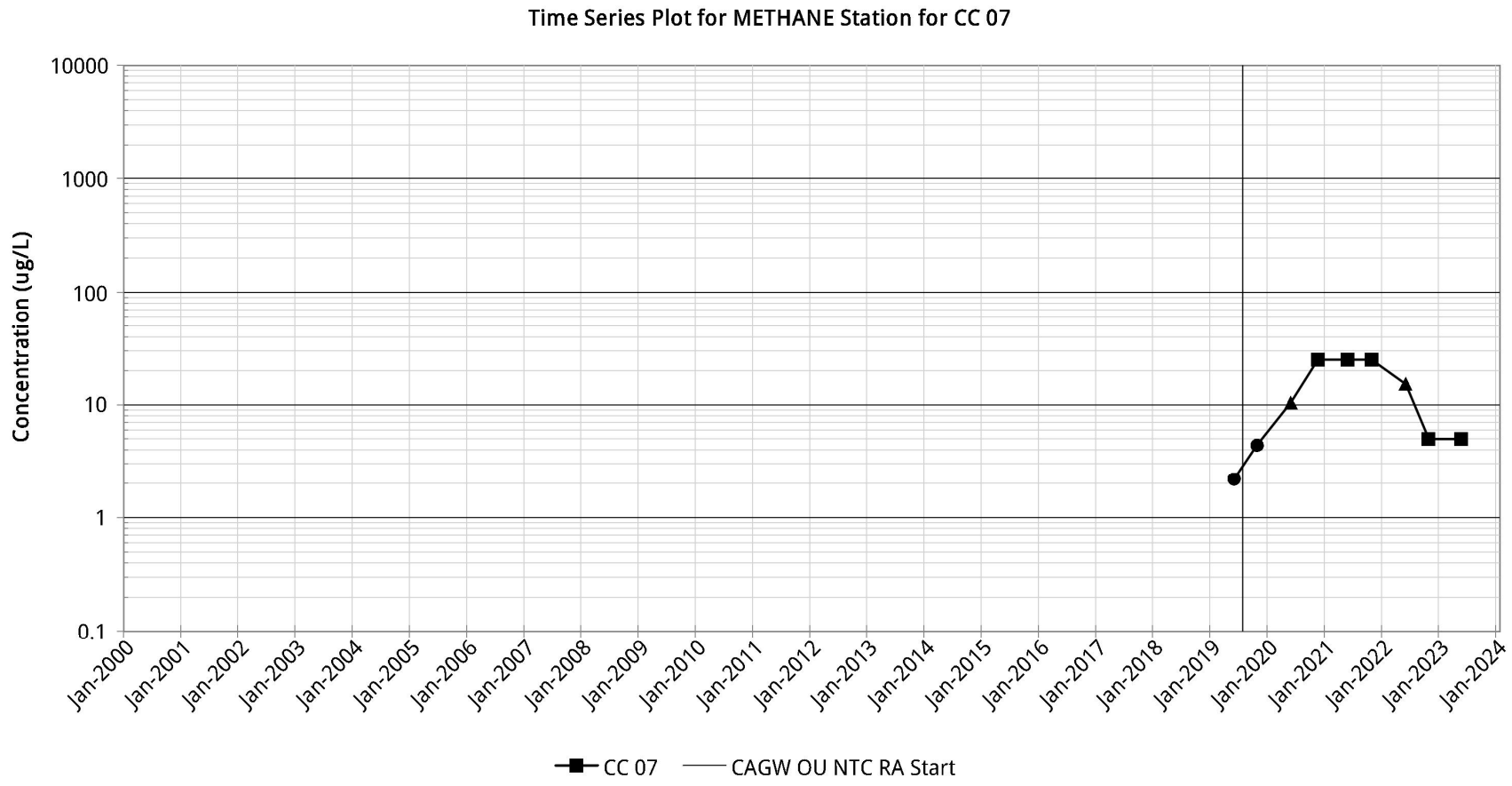

Time Series Plot for METHANE Station for CC 07
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023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

Figure C-62.

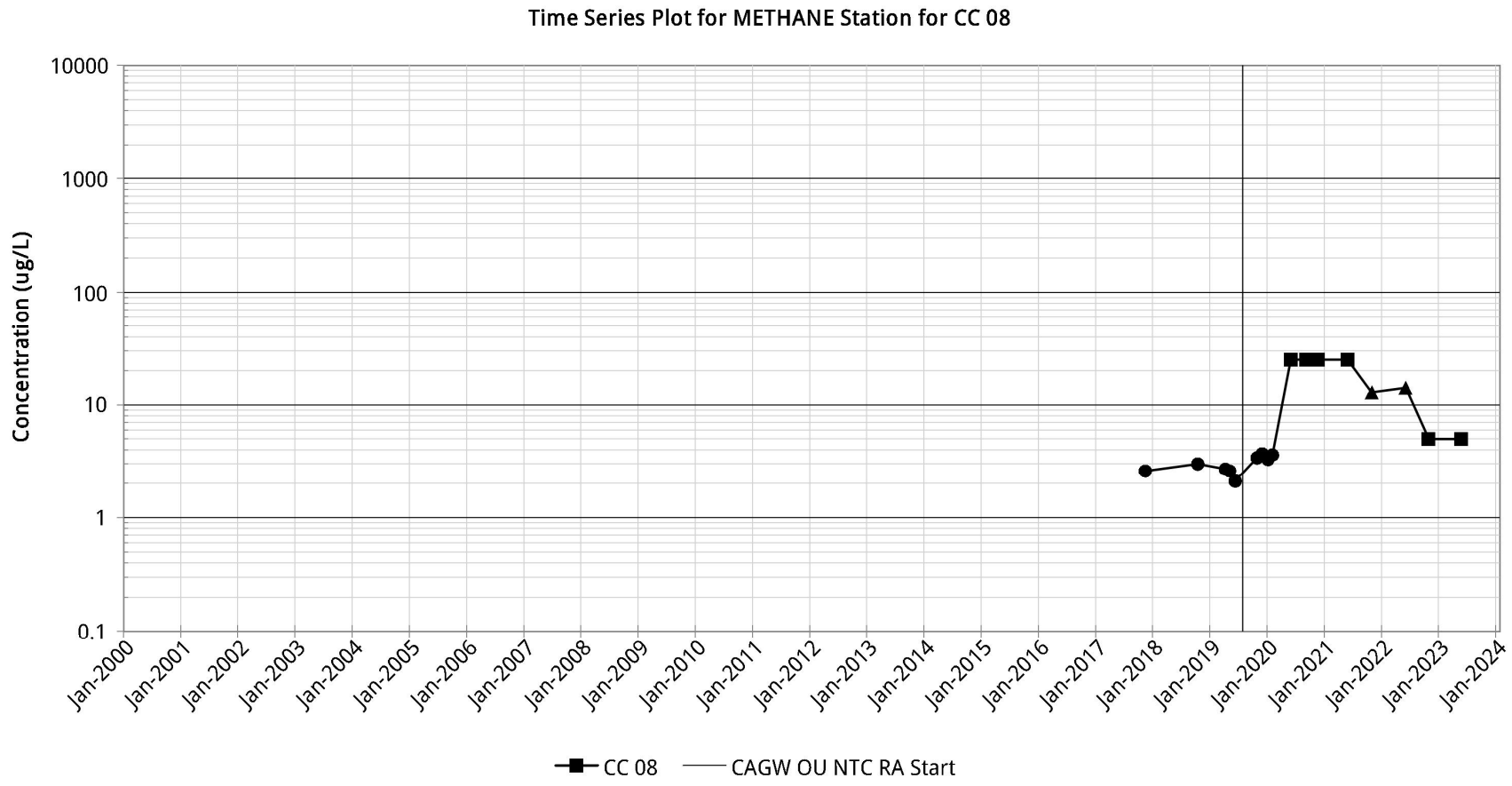

Time Series Plot for METHANE Station for CC 08
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023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

Figure C-63.

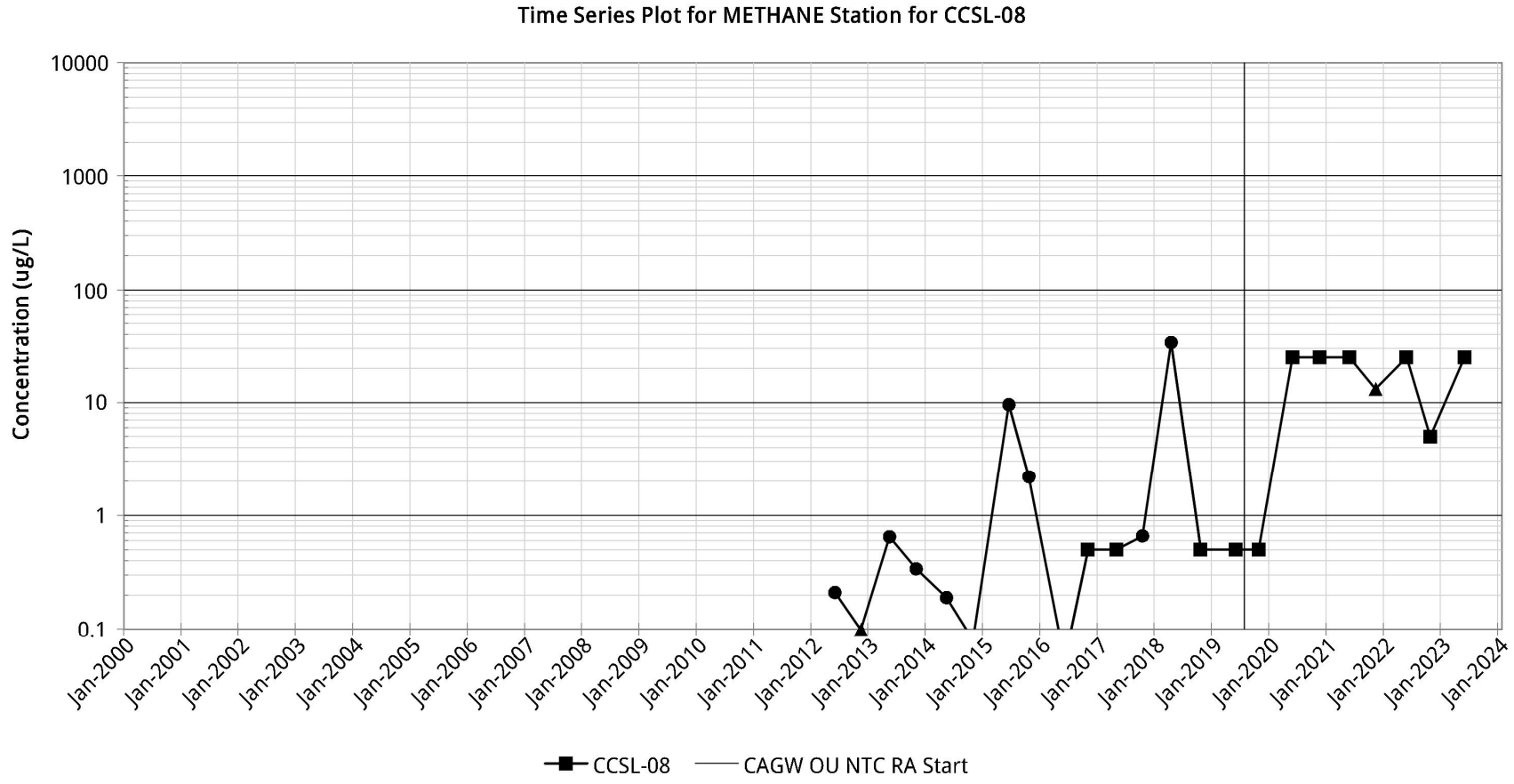

Time Series Plot for METHANE Station for CCSL-08
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-64.

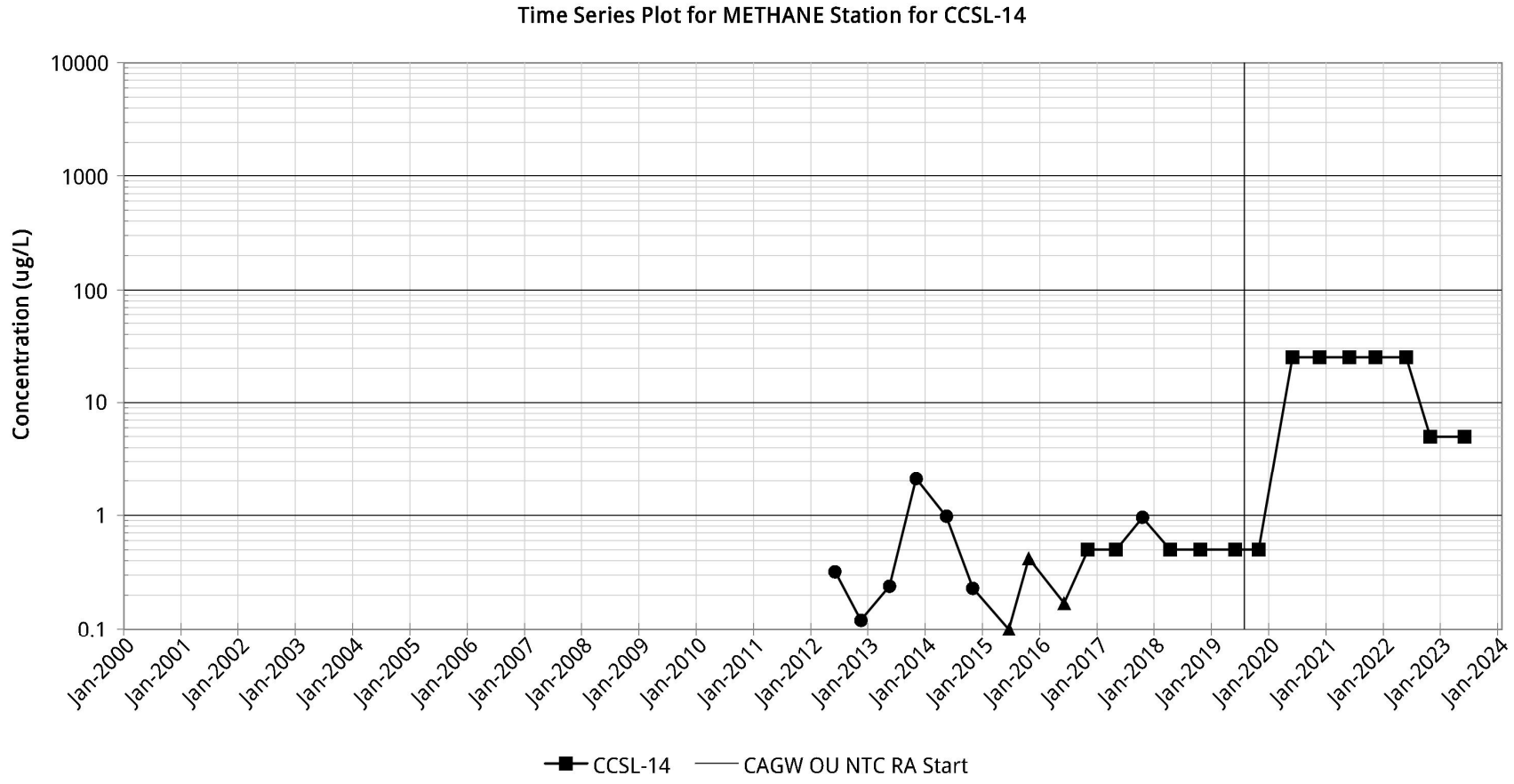

Time Series Plot for METHANE Station for CCSL-14
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-65.

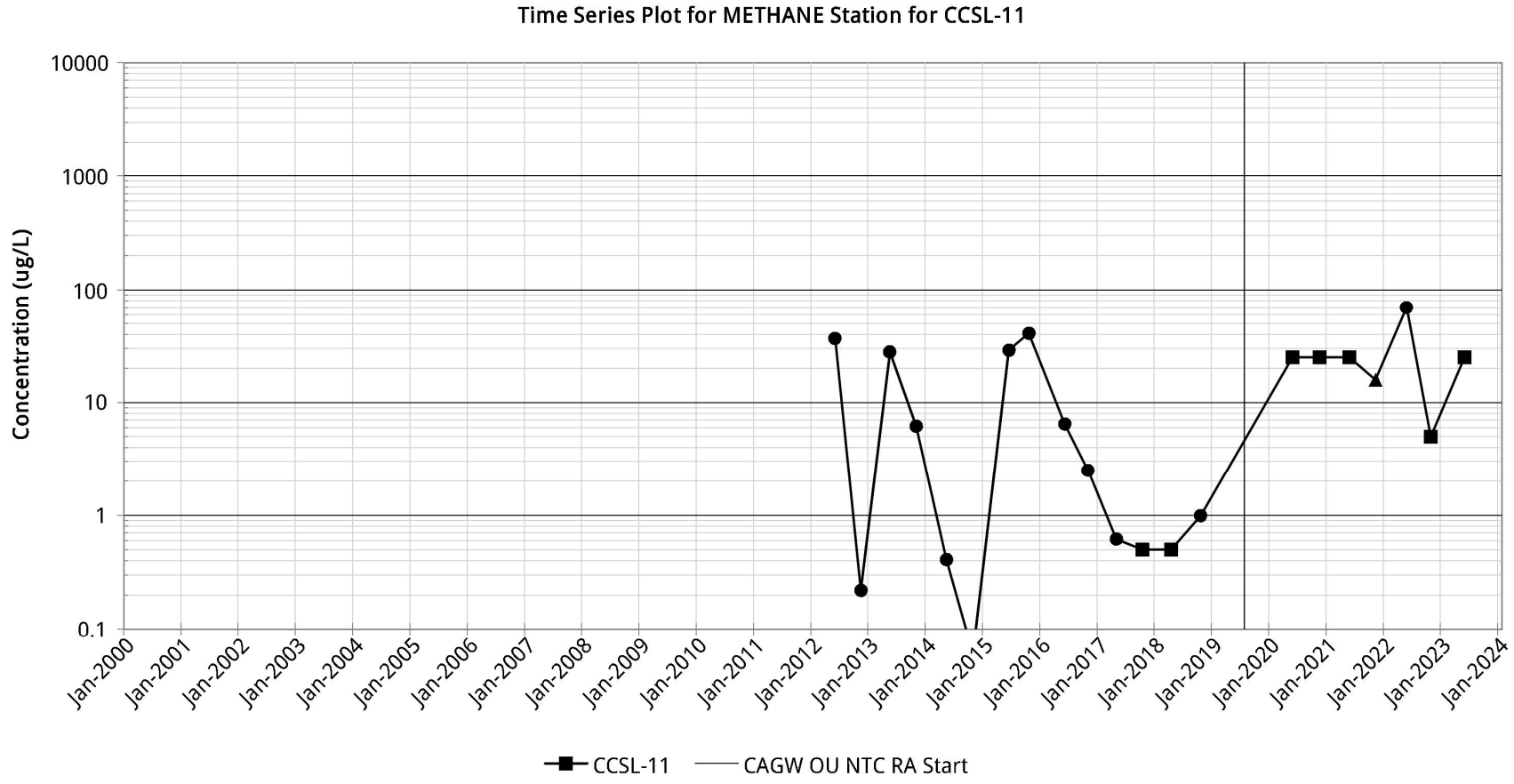

Time Series Plot for METHANE Station for CCSL-11
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-66.

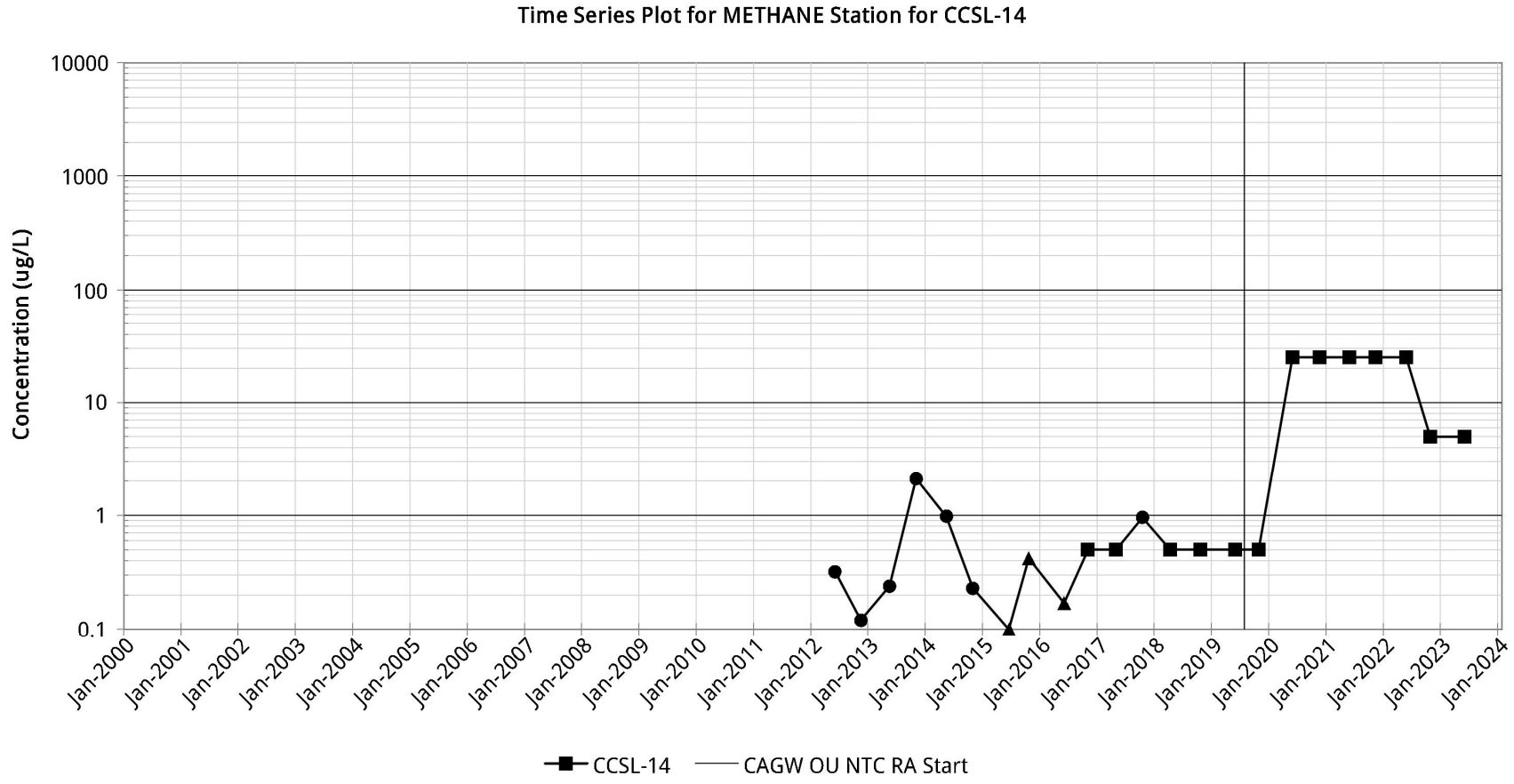

Time Series Plot for METHANE Station for CCSL-14
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-67.

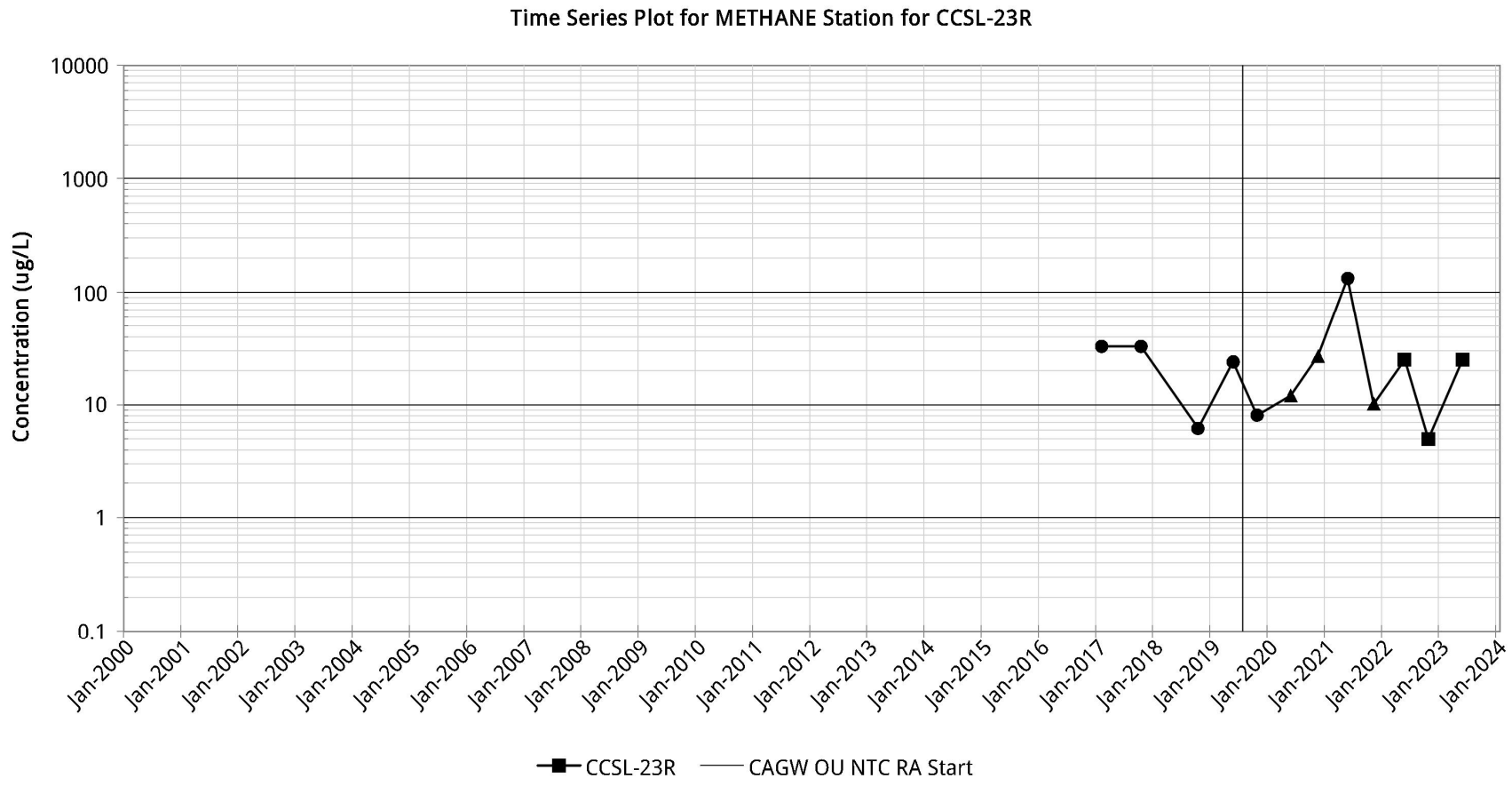

Time Series Plot for METHANE Station for CCSL-23R
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-68.

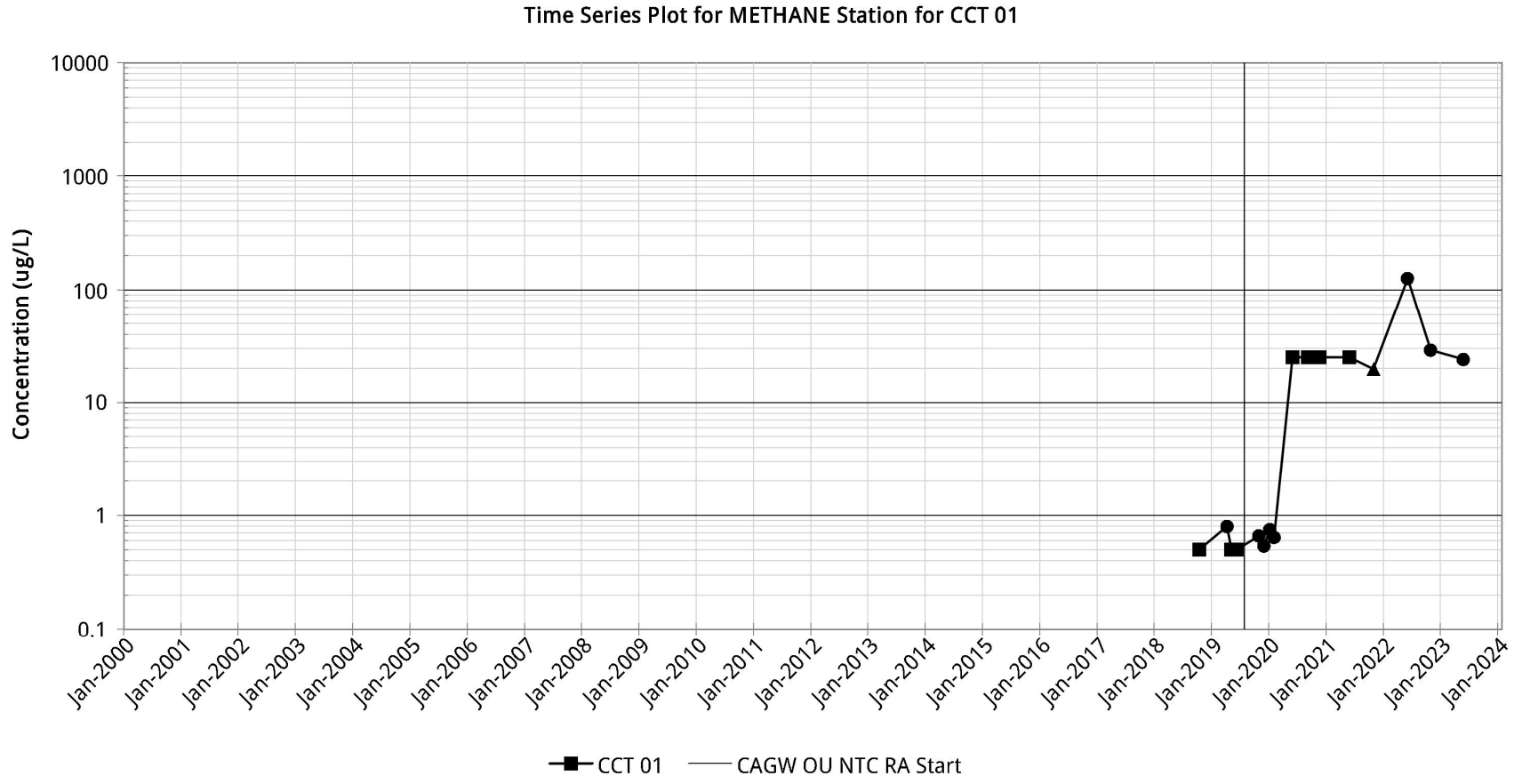

Time Series Plot for METHANE Station for CCT 01
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023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

Figure C-69.

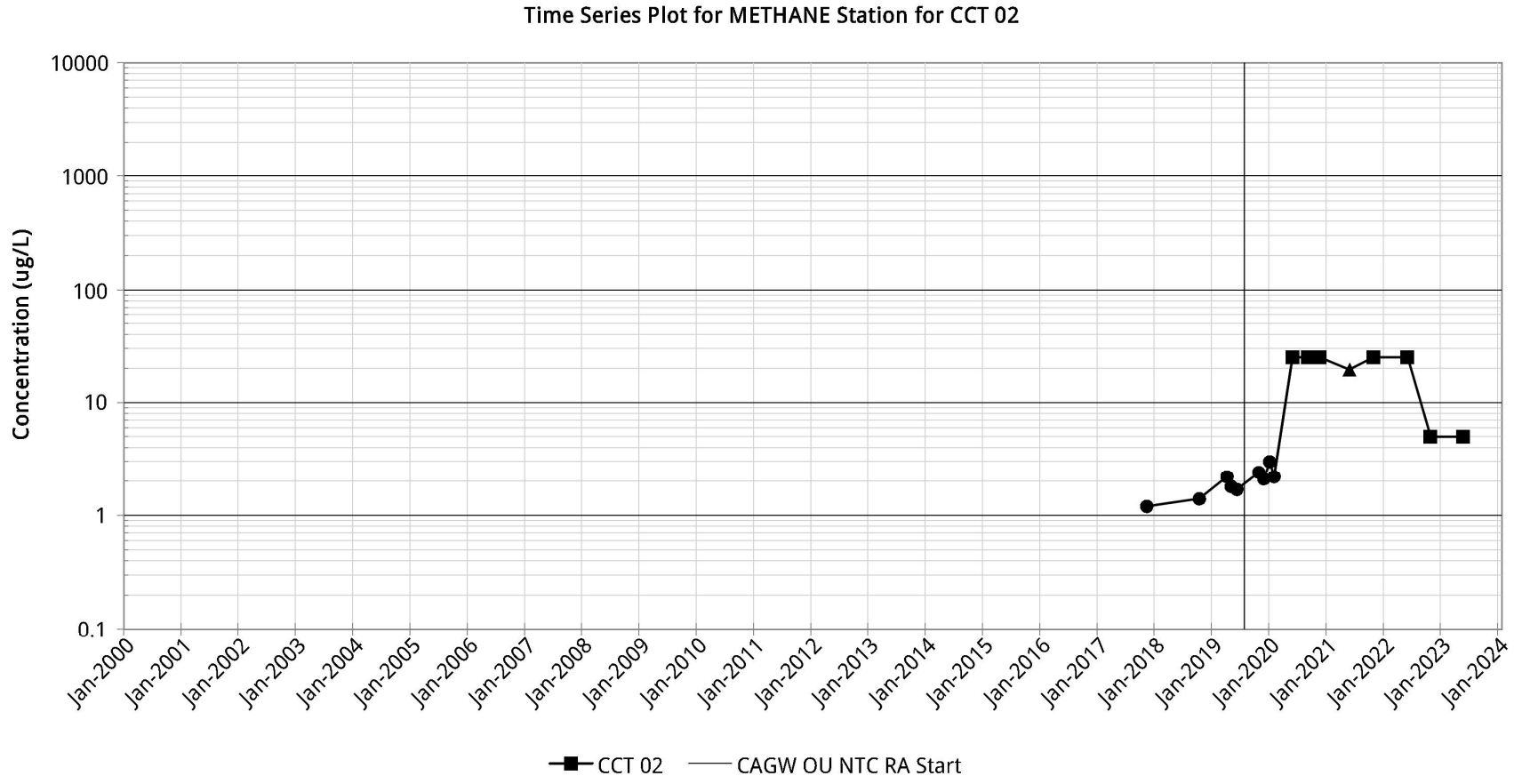

Time Series Plot for METHANE Station for CCT 02
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023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

Figure C-70.

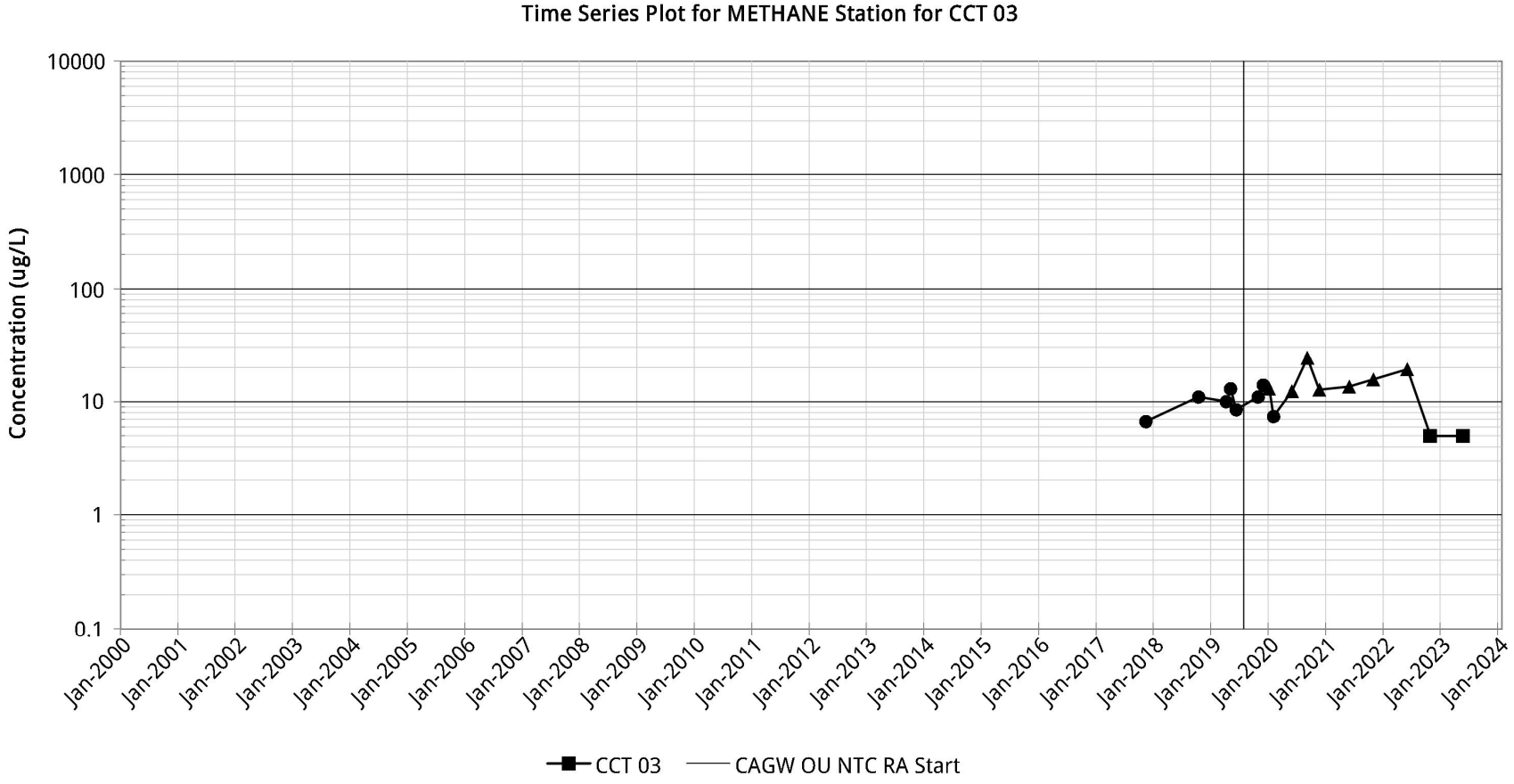

Time Series Plot for METHANE Station for CCT 03
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023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

Figure C-71.

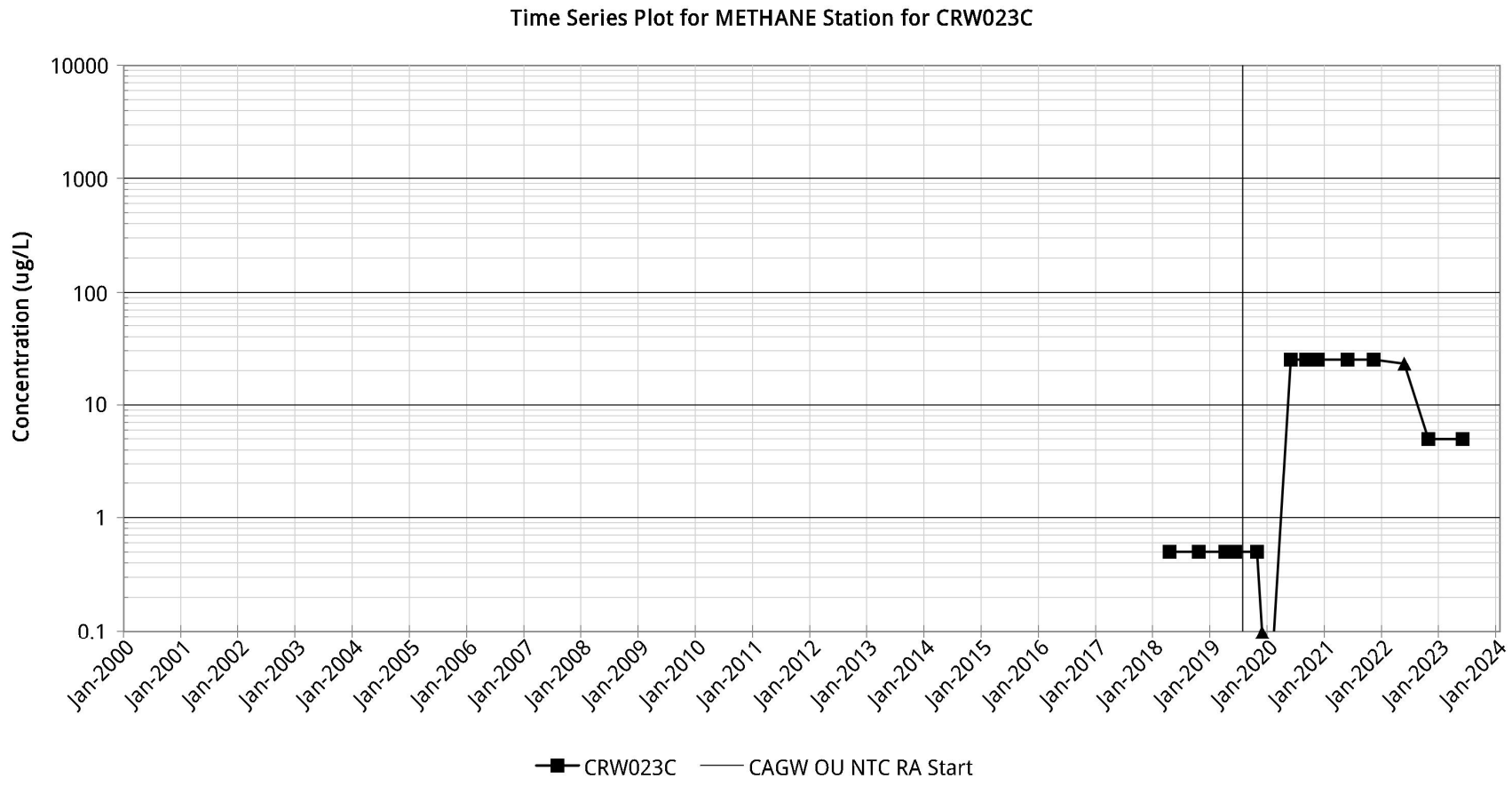

Time Series Plot for METHANE Station for CRW023C
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-72.

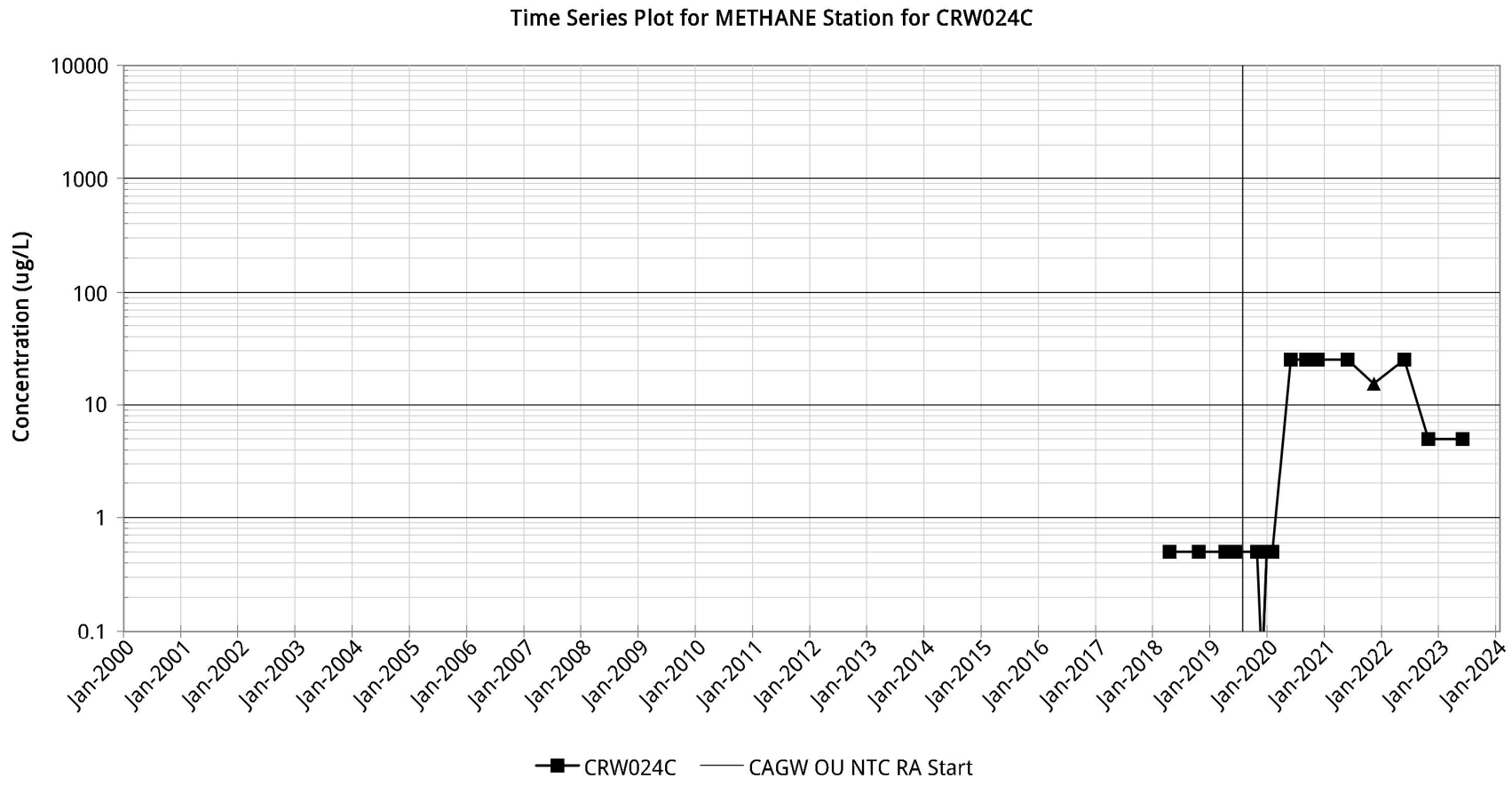

Time Series Plot for METHANE Station for CRW024C
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-73.

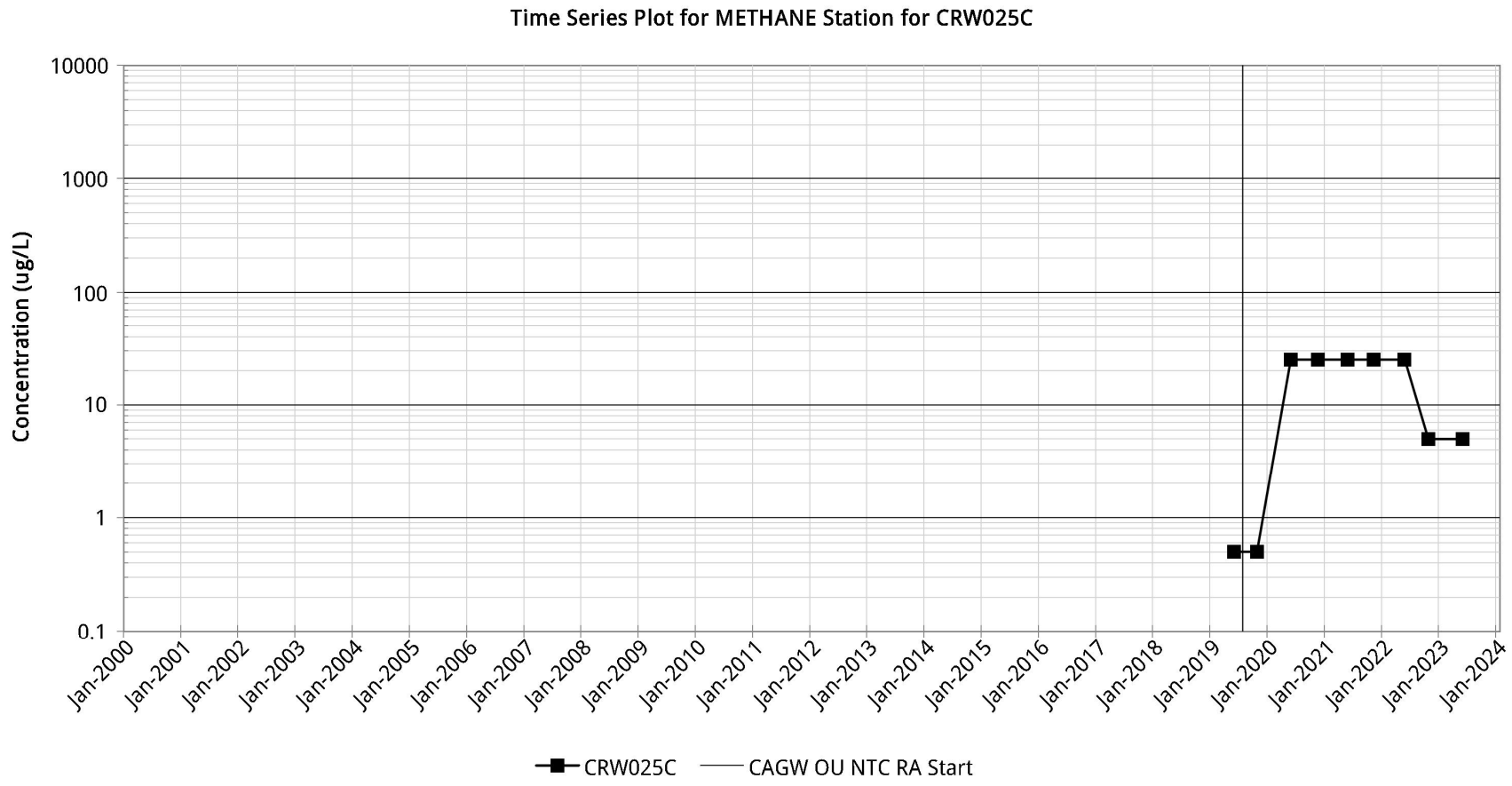

Time Series Plot for METHANE Station for CRW025C
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-74.

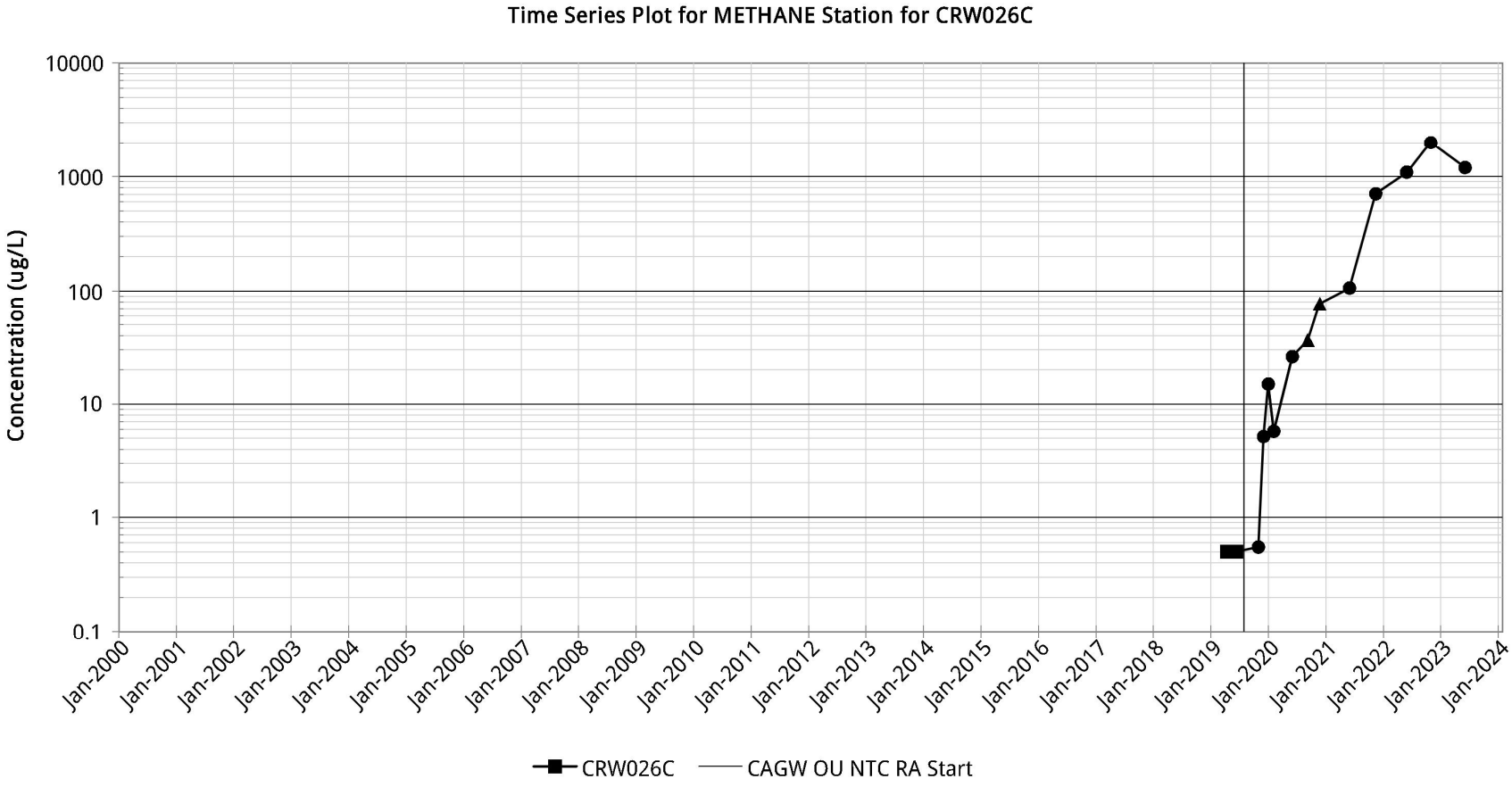

Time Series Plot for METHANE Station for CRW026C
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-75.

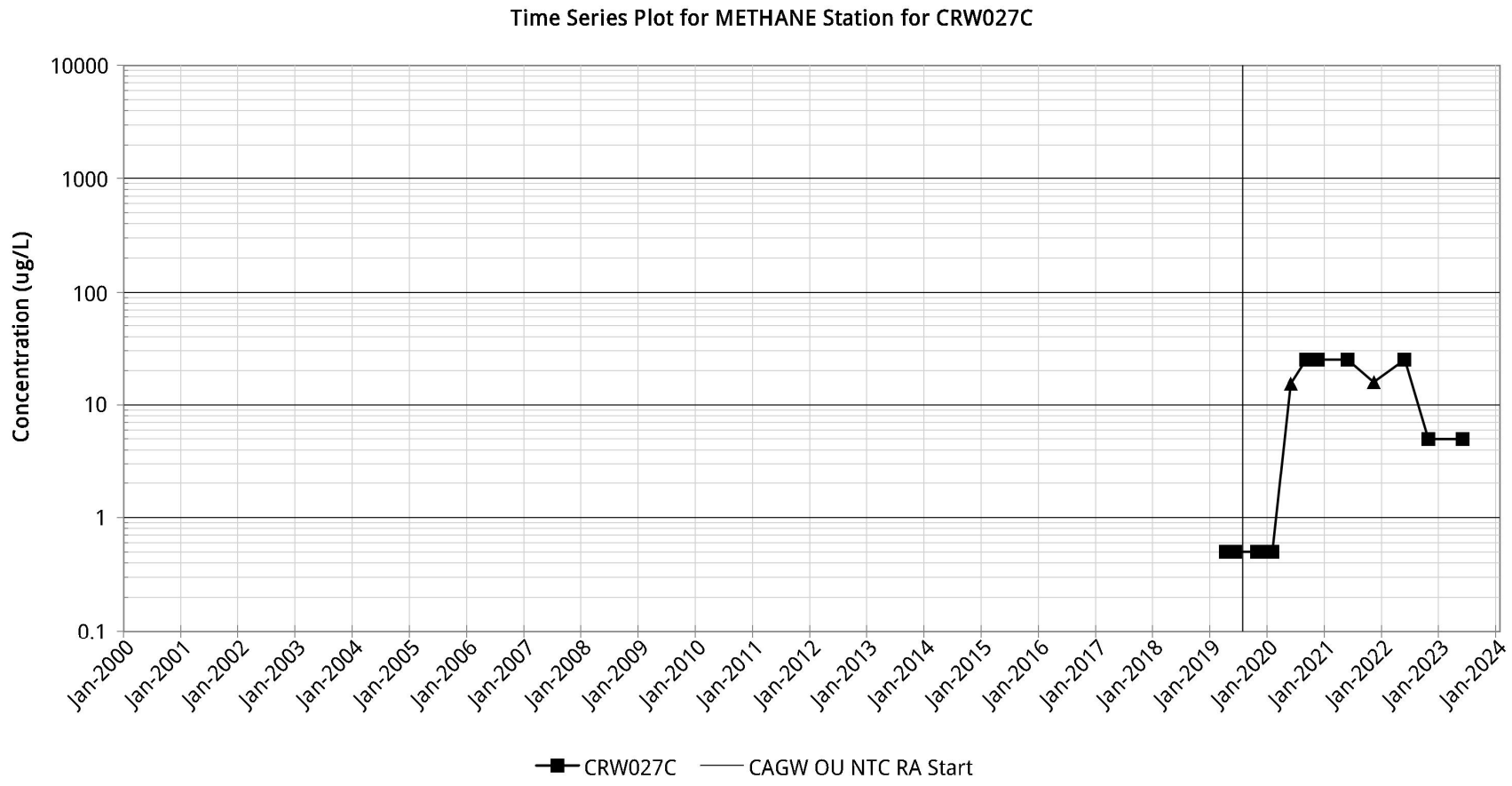

Time Series Plot for METHANE Station for CRW027C
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-76.

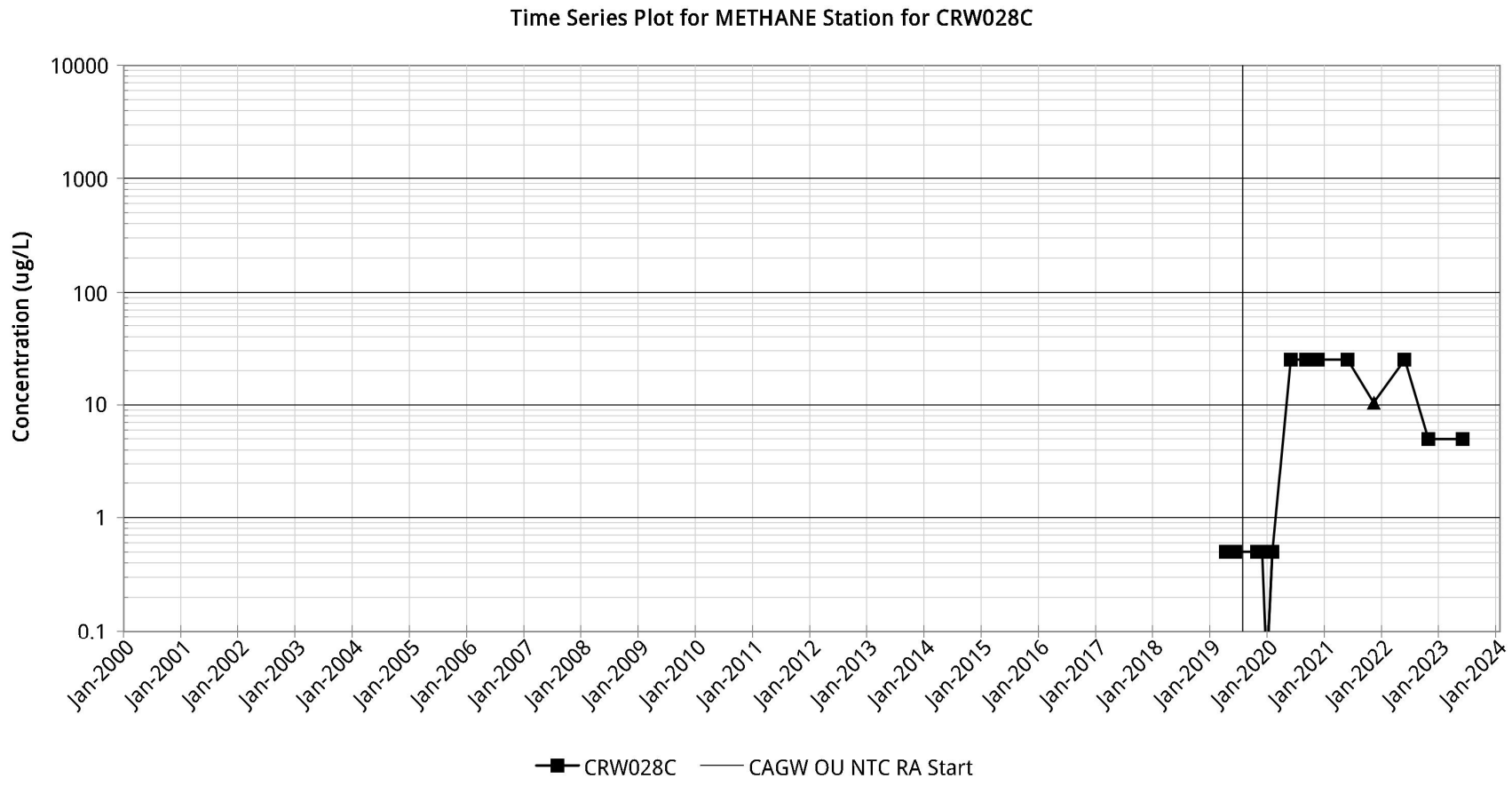

Time Series Plot for METHANE Station for CRW028C
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-77.

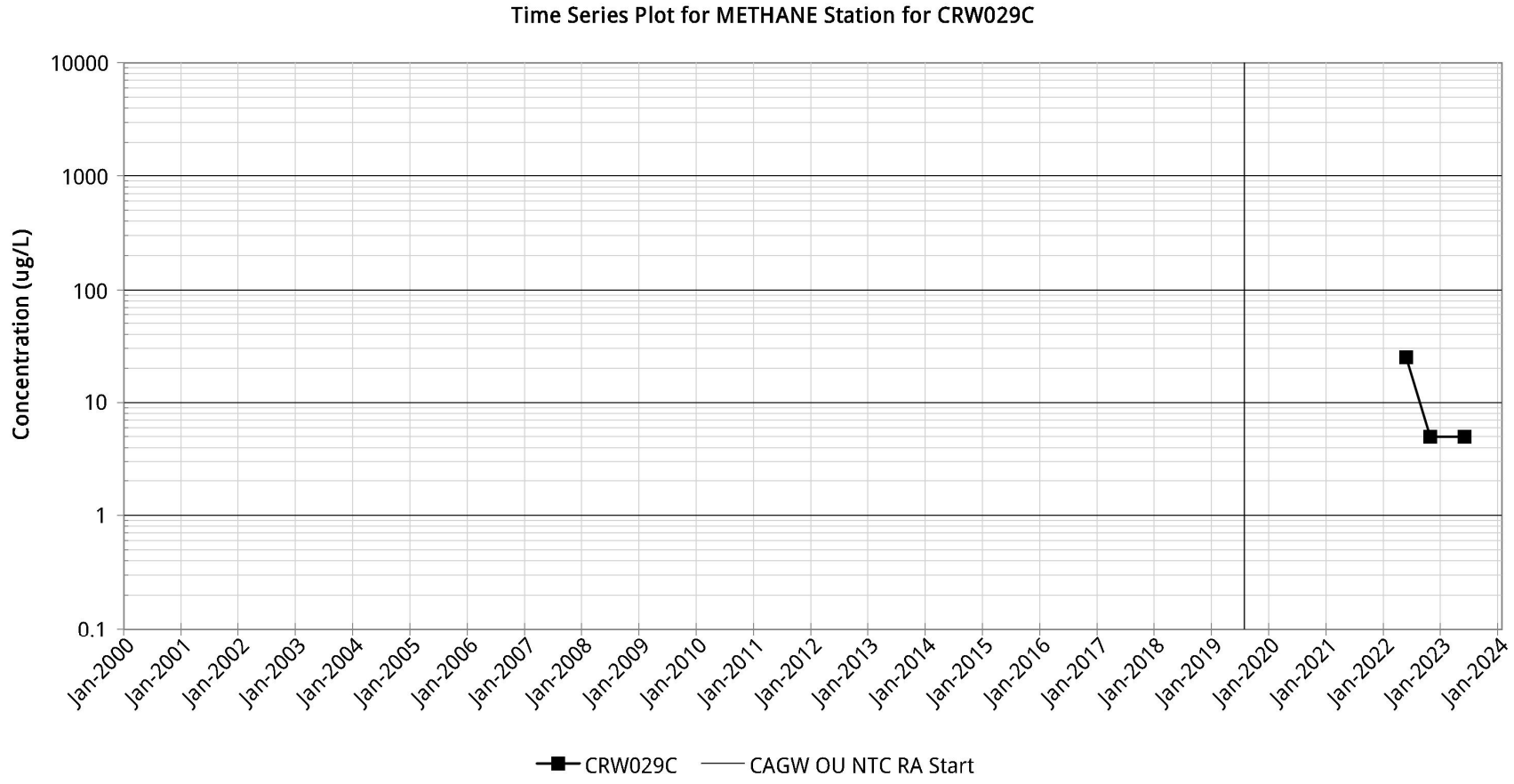

Time Series Plot for METHANE Station for CRW029C
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-78.

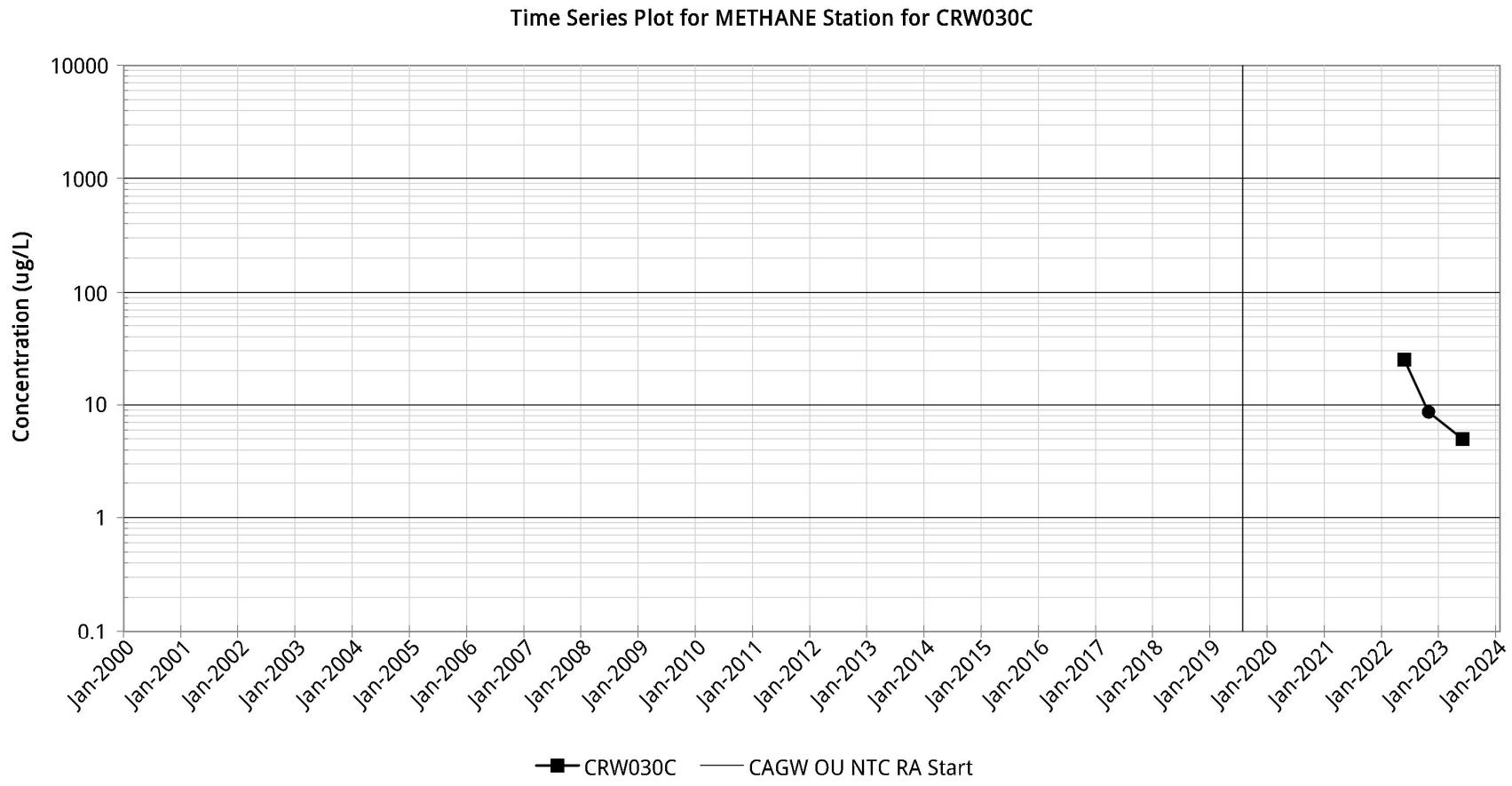

Time Series Plot for METHANE Station for CRW030C
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-79.

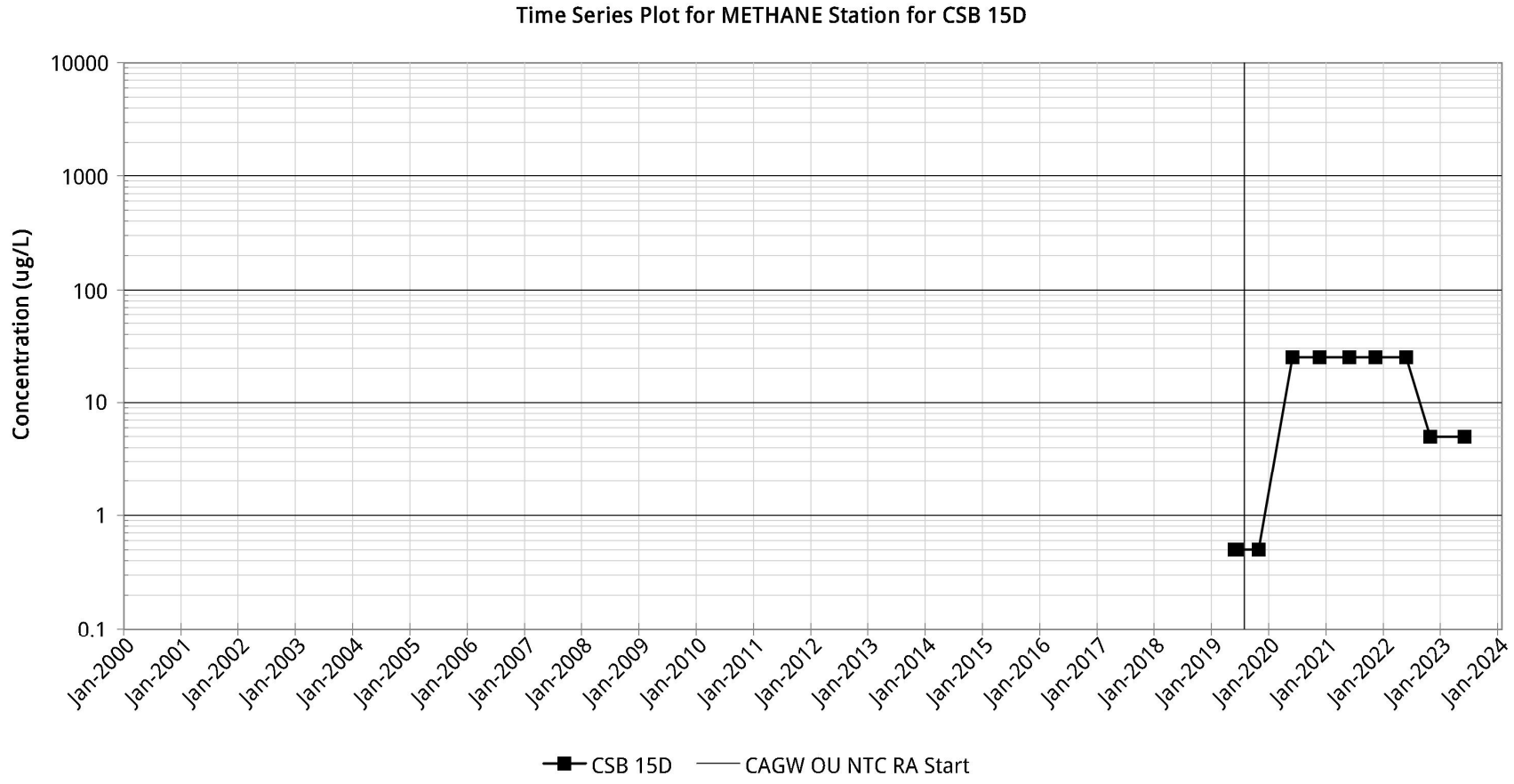

Time Series Plot for METHANE Station for CSB 15D
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-80.

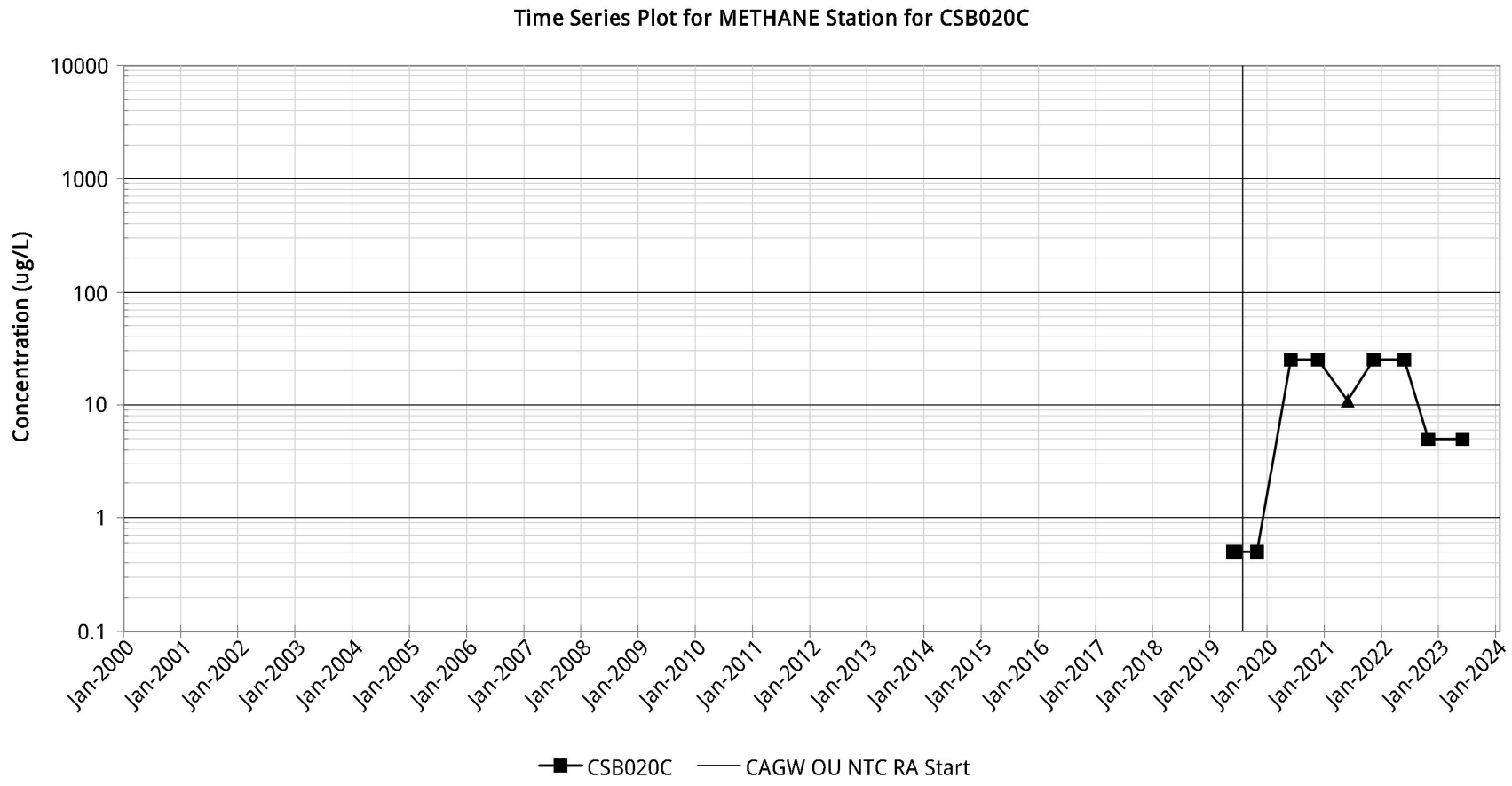

Time Series Plot for METHANE Station for CSB020C
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022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

Figure C-81.

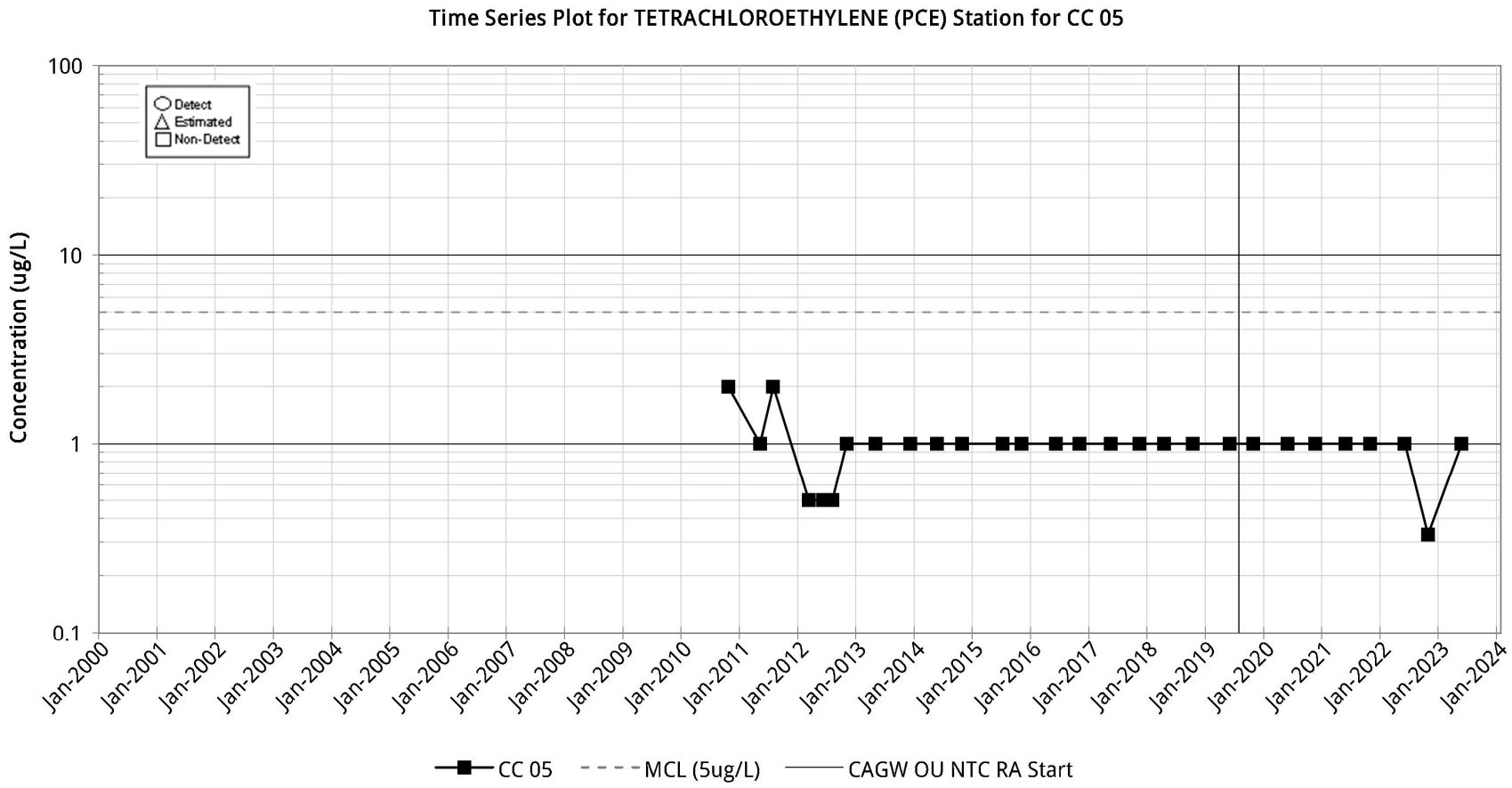

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CC 05
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-82.

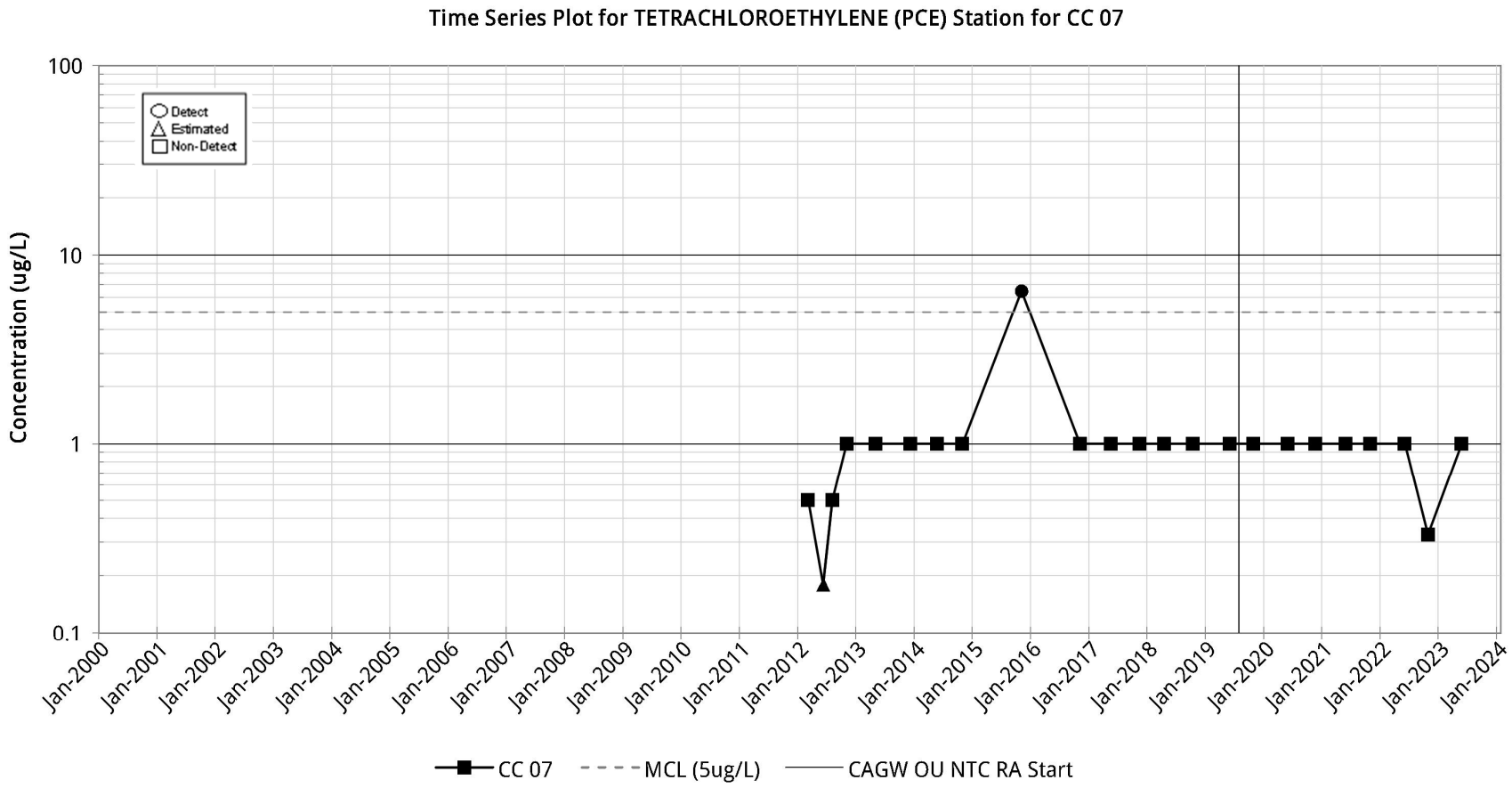

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CC 07
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-83.

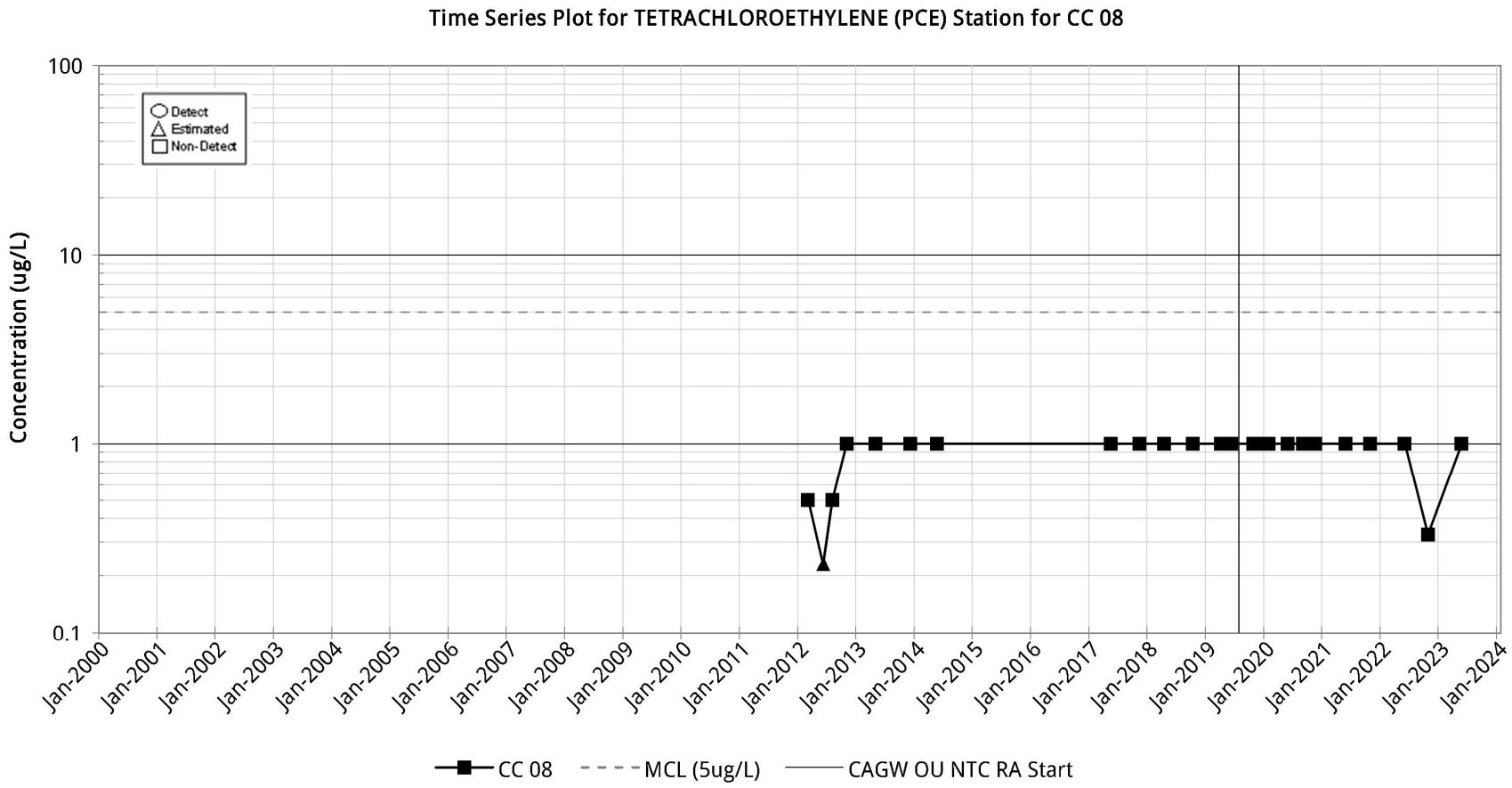

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CC 08
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-84.

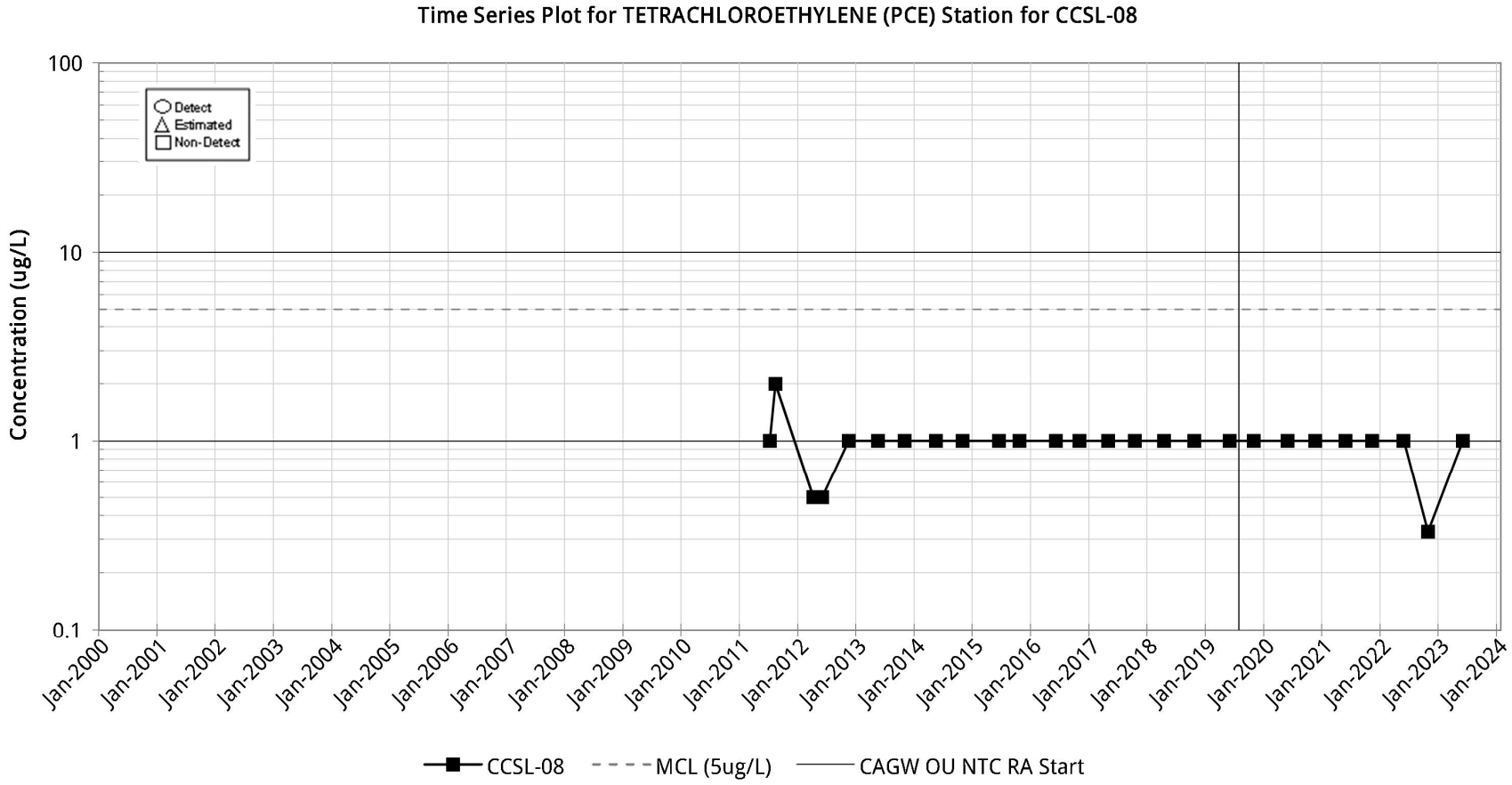

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCSL-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-85.

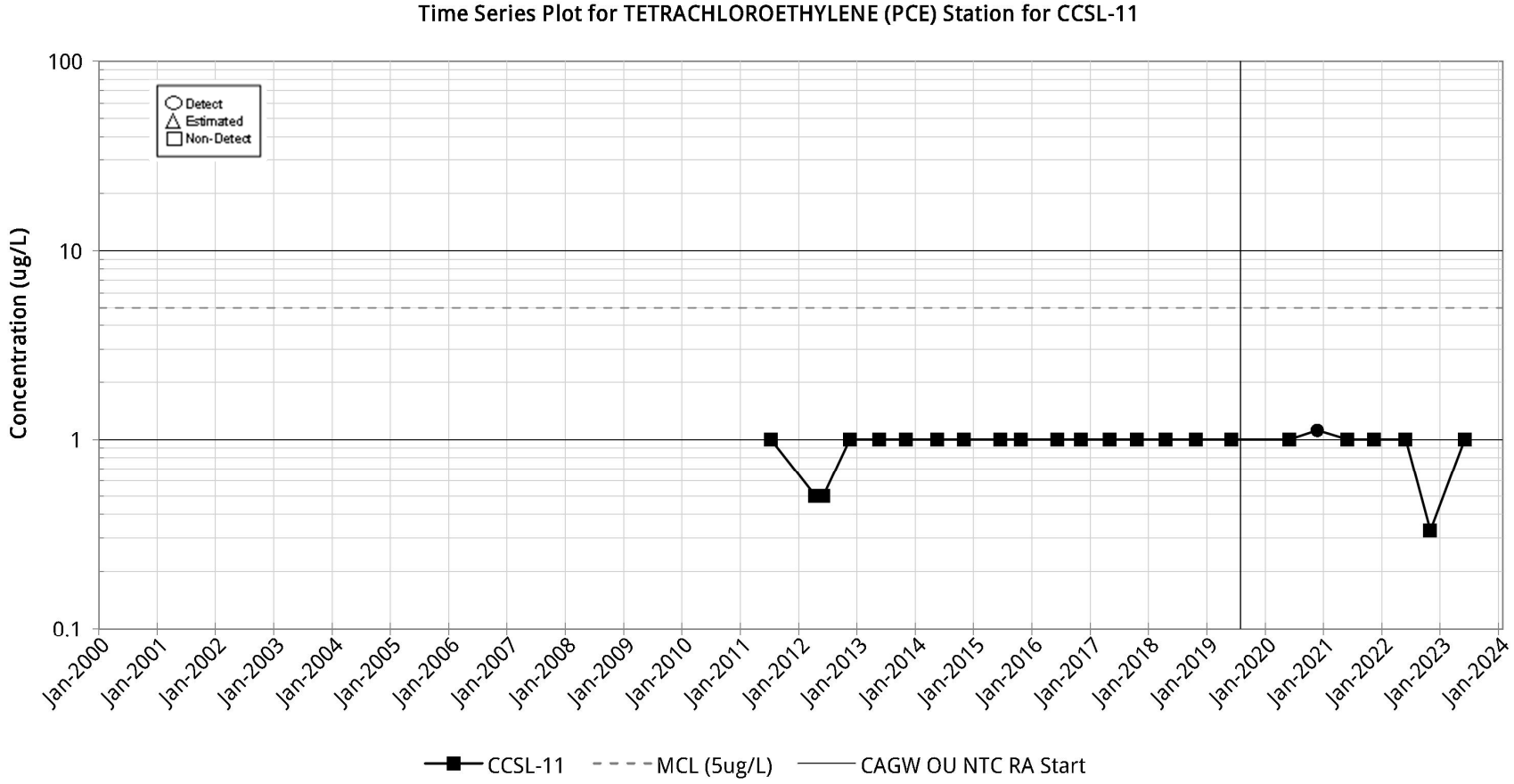

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCSL-11
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-86.

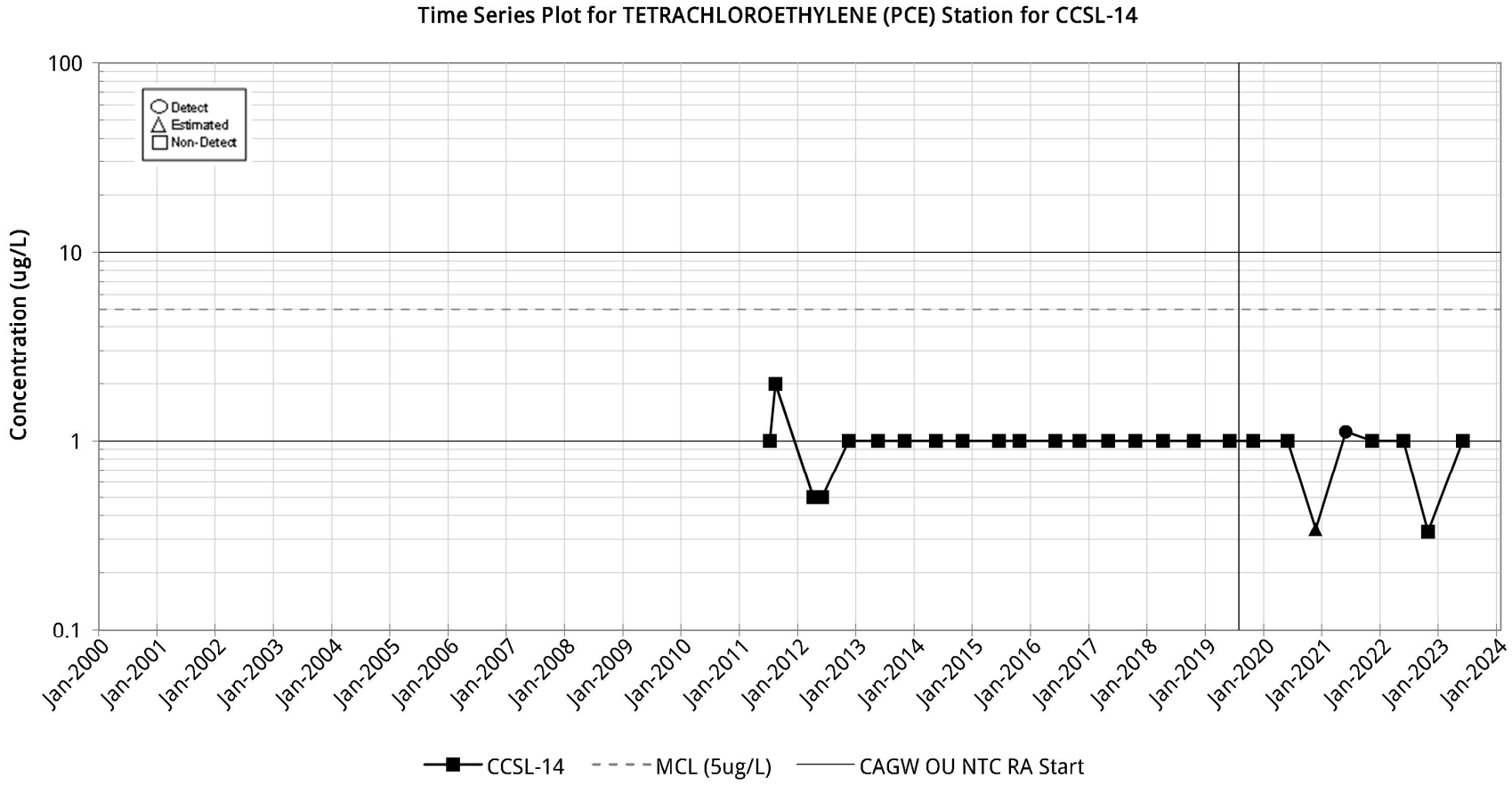

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCSL-14
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-87.

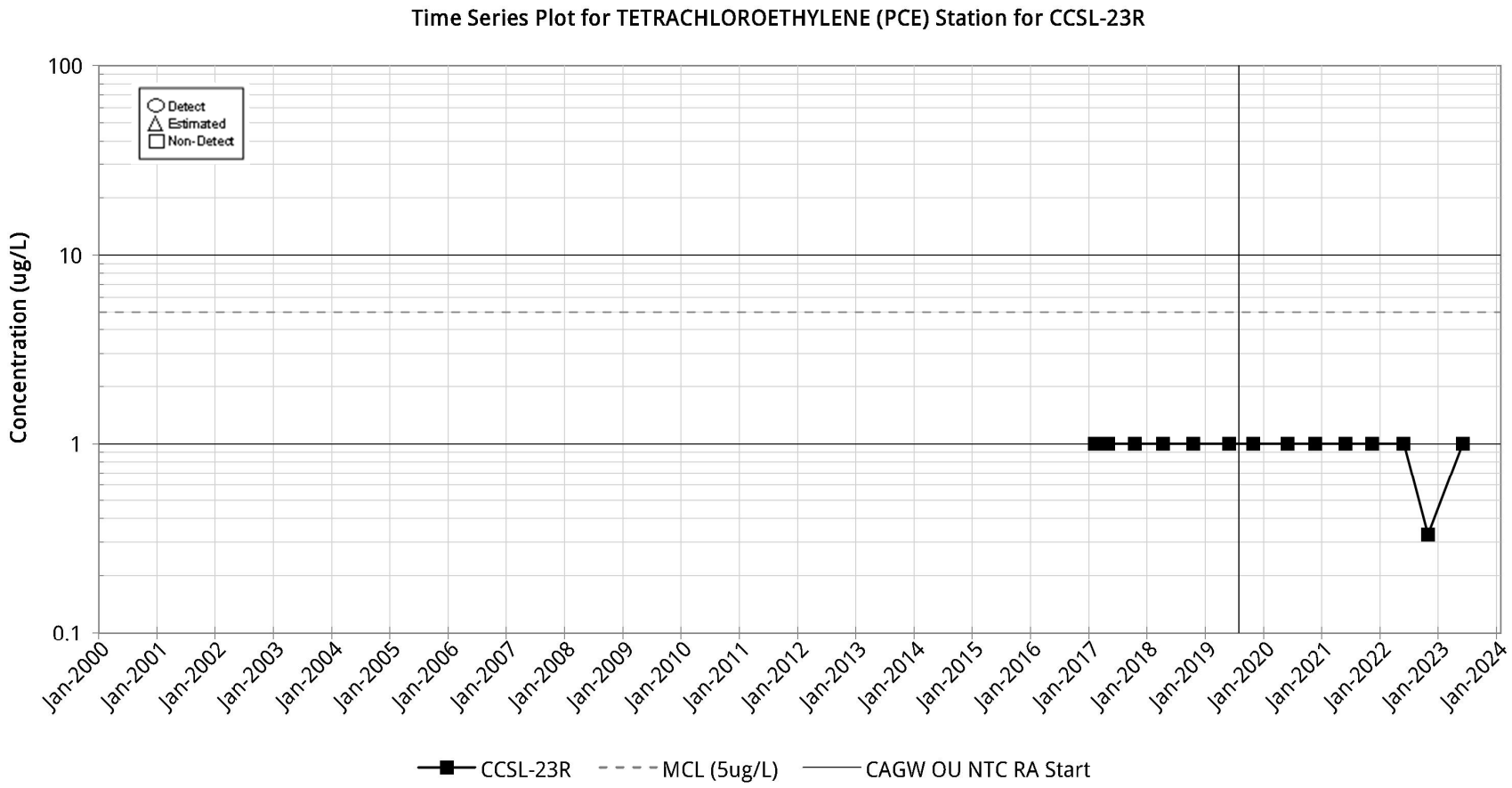

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCSL-23R
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-88.

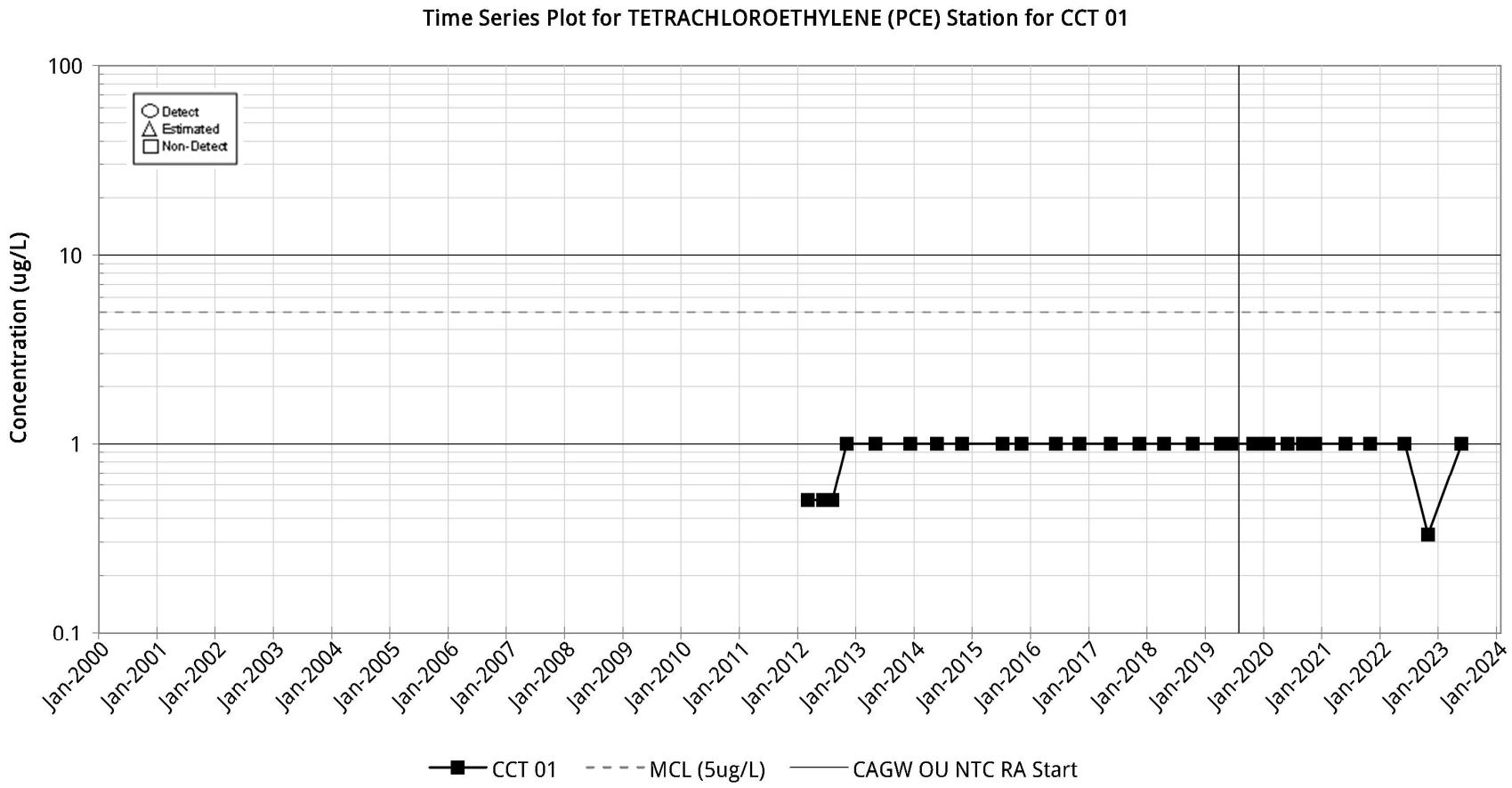

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCT 01
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-89.

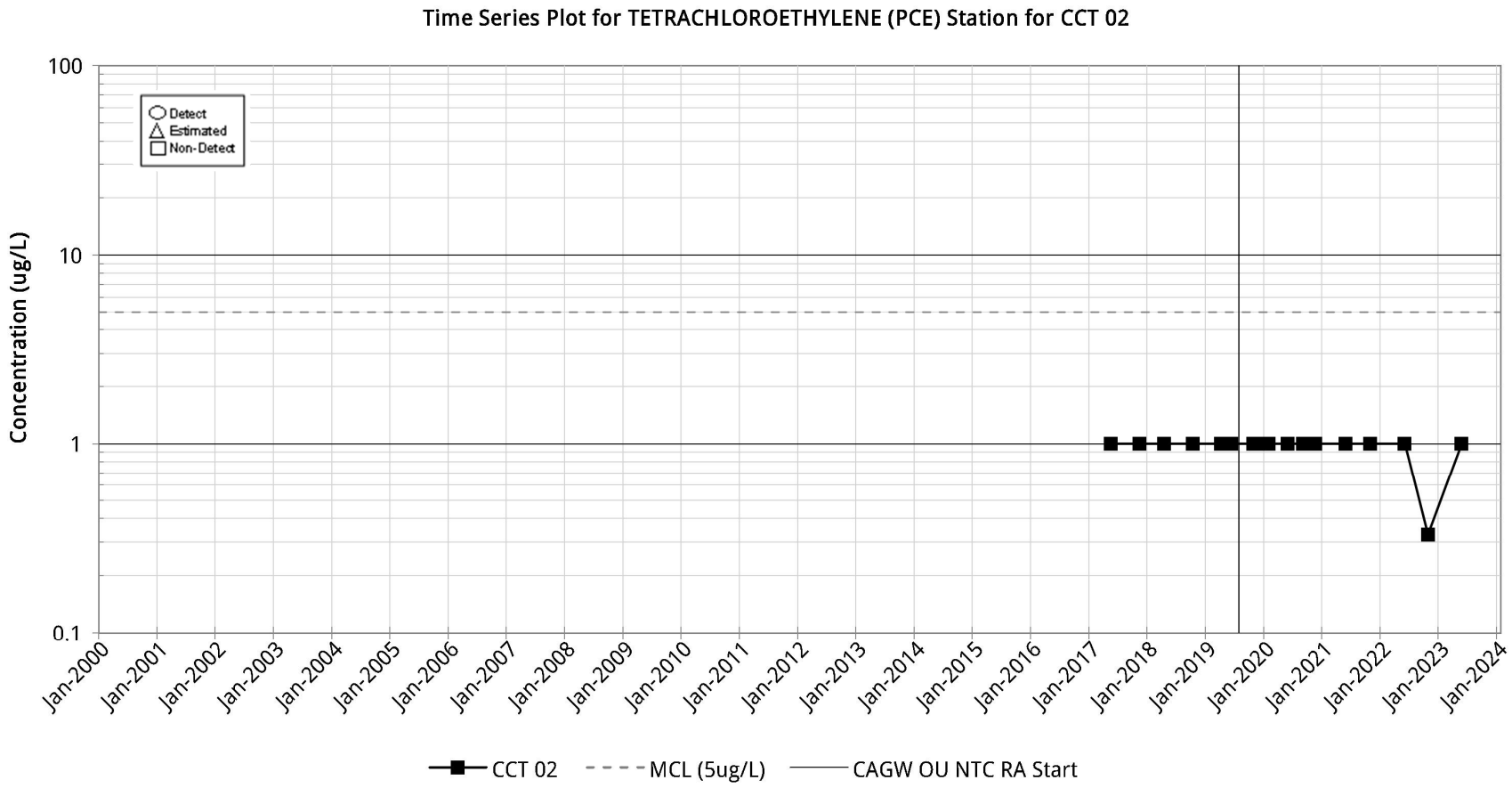

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCT 02
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-90.

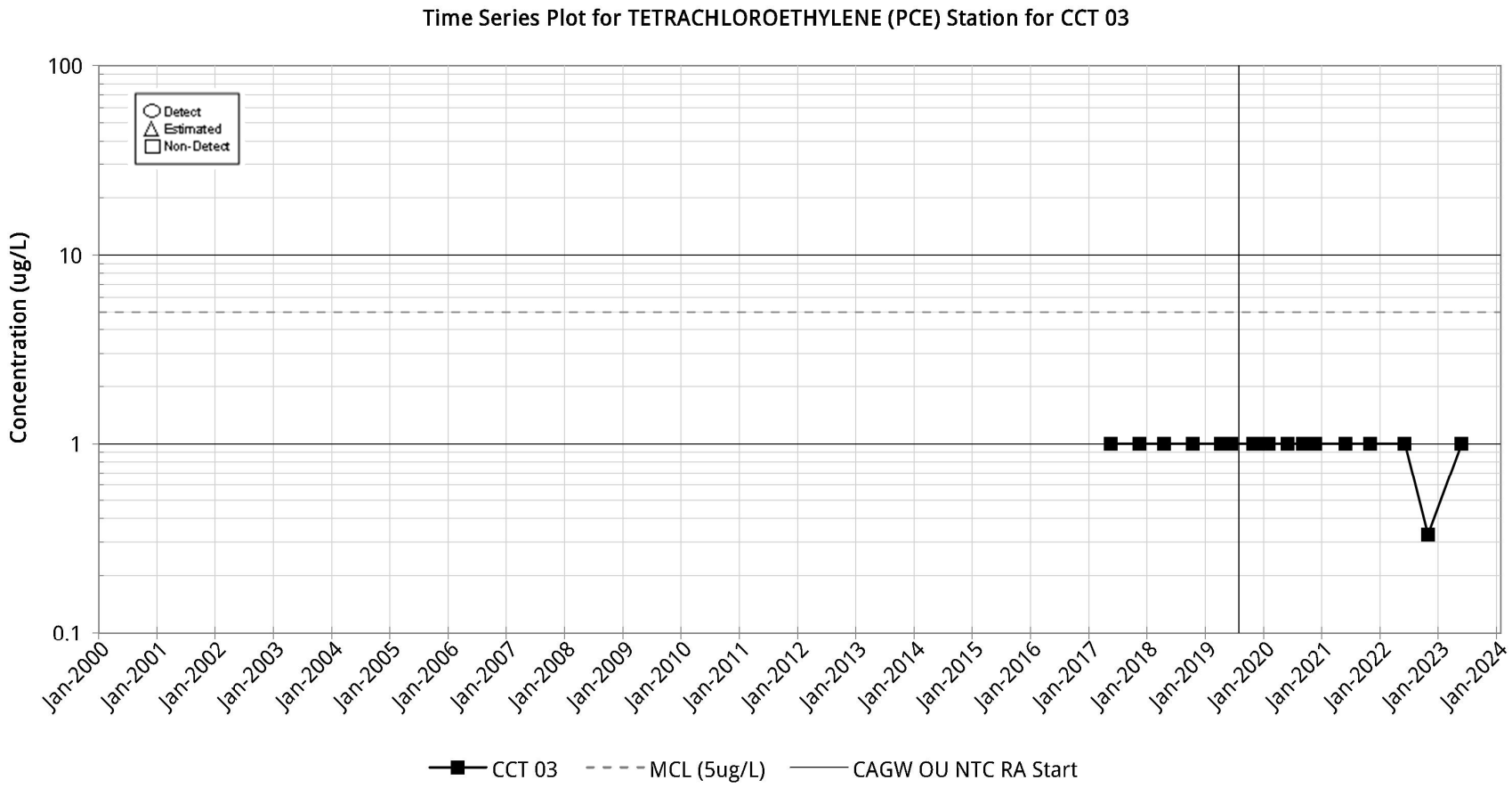

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCT 03
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-91.

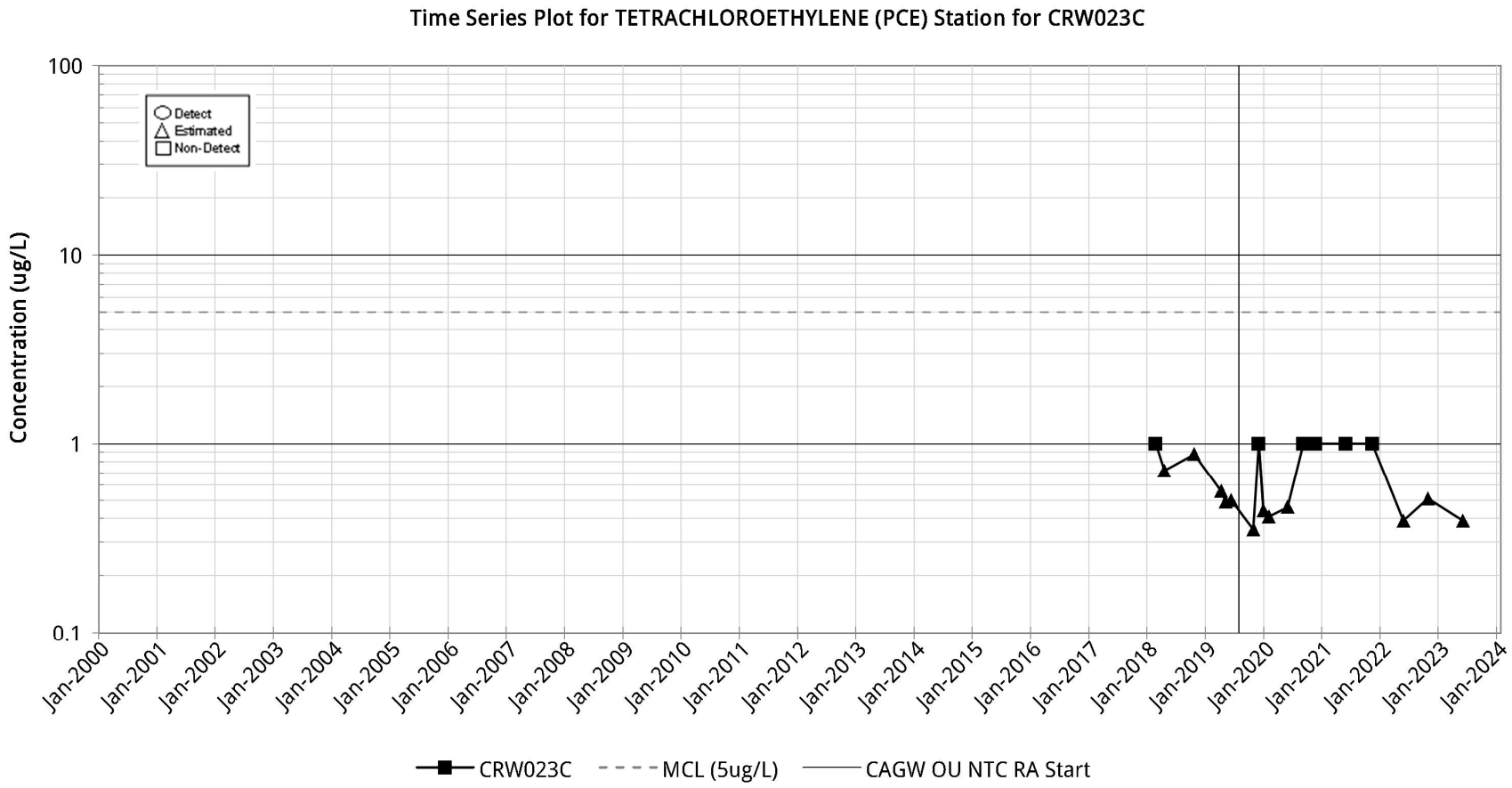

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW023C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-92.

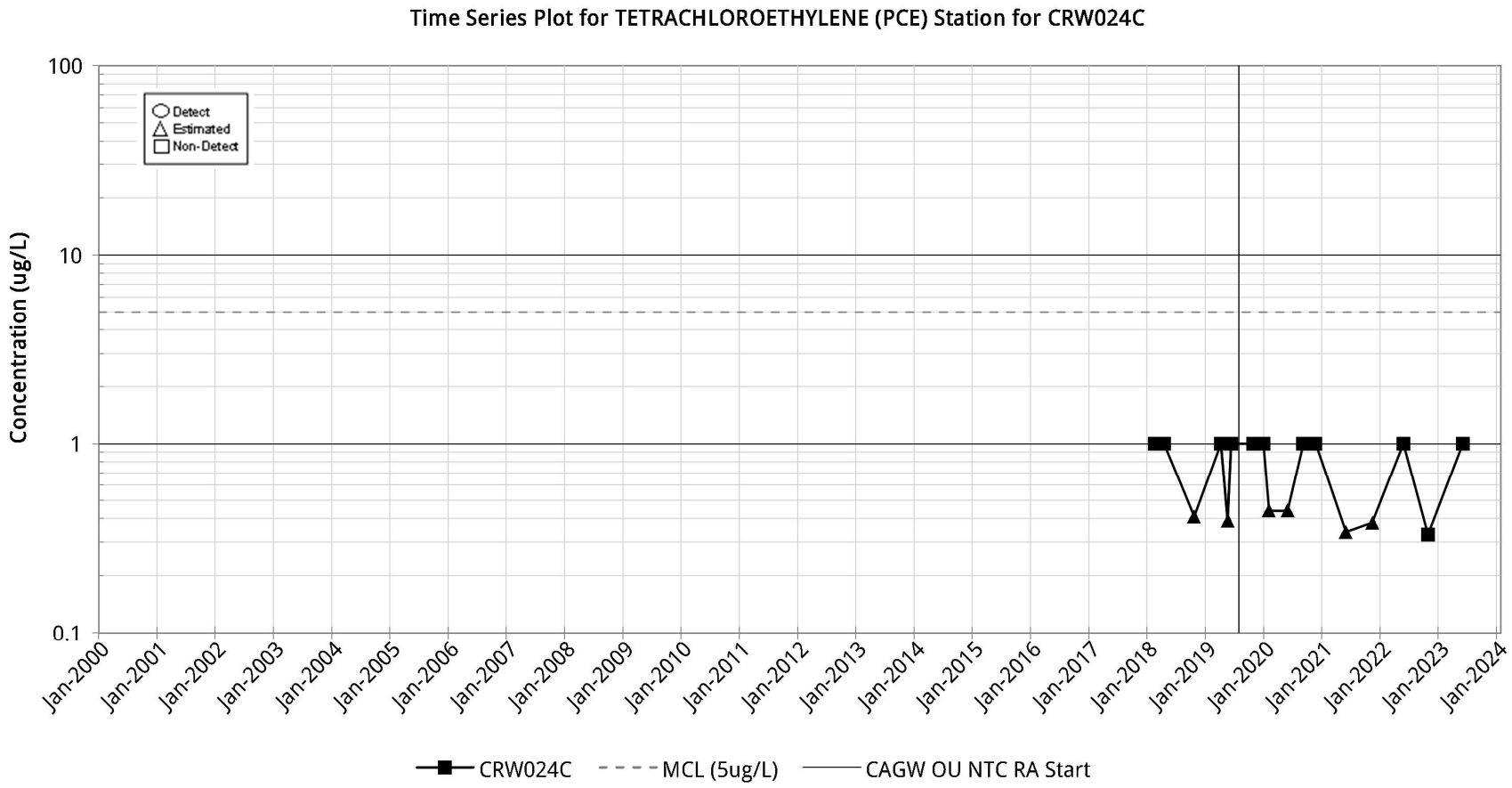

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW024C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-93.

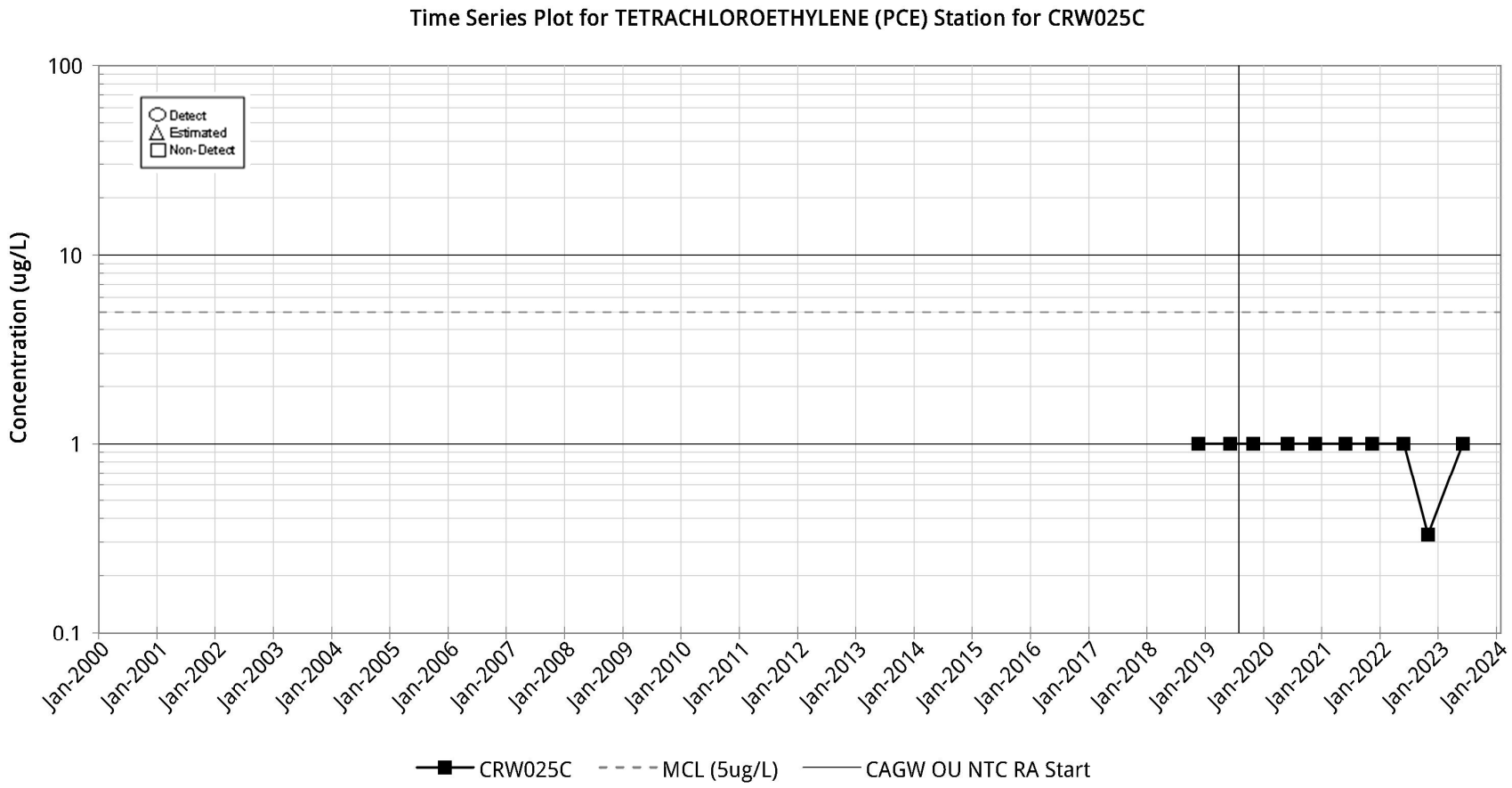

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW025C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-94.

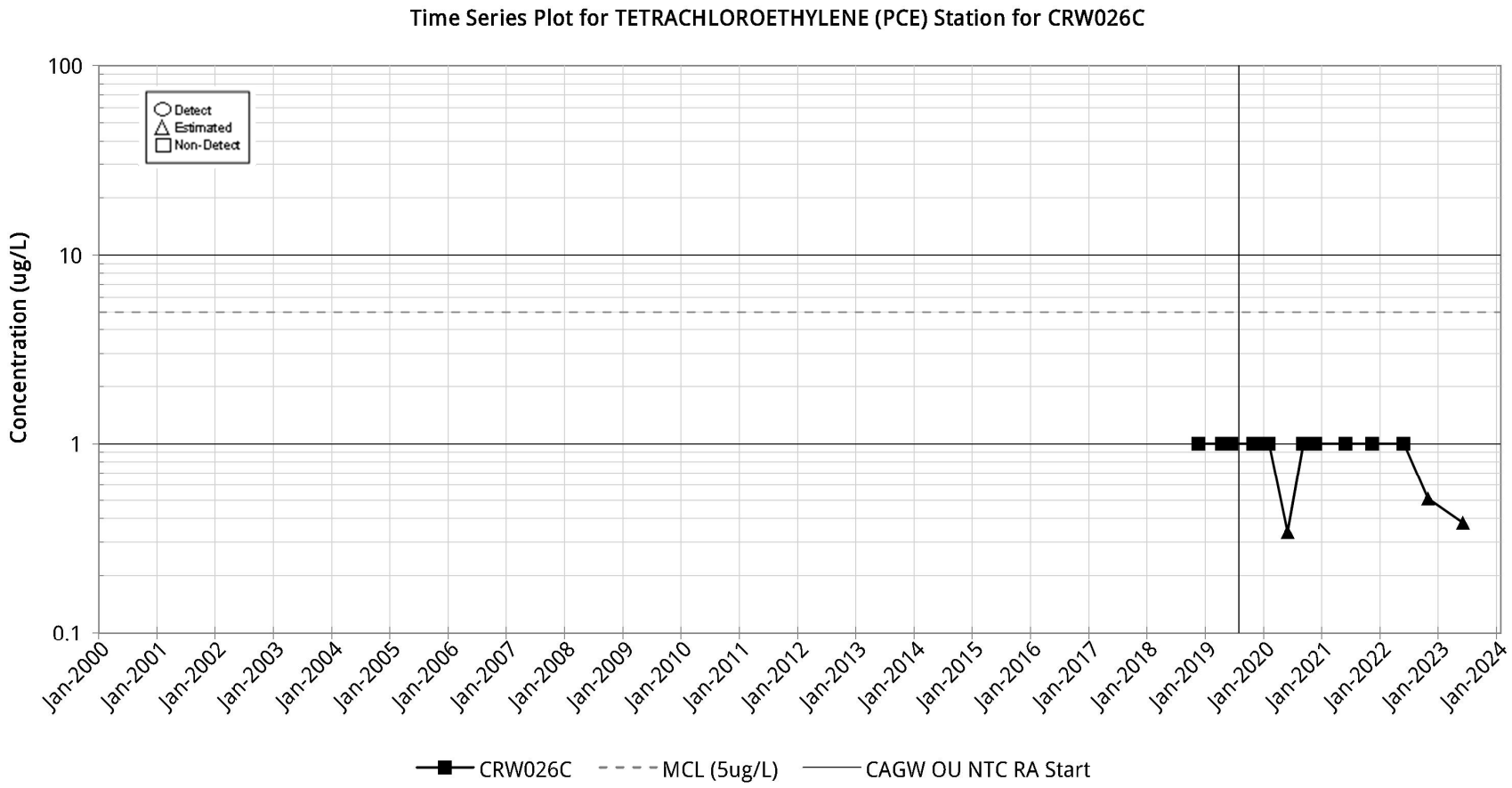

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW026C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-95.

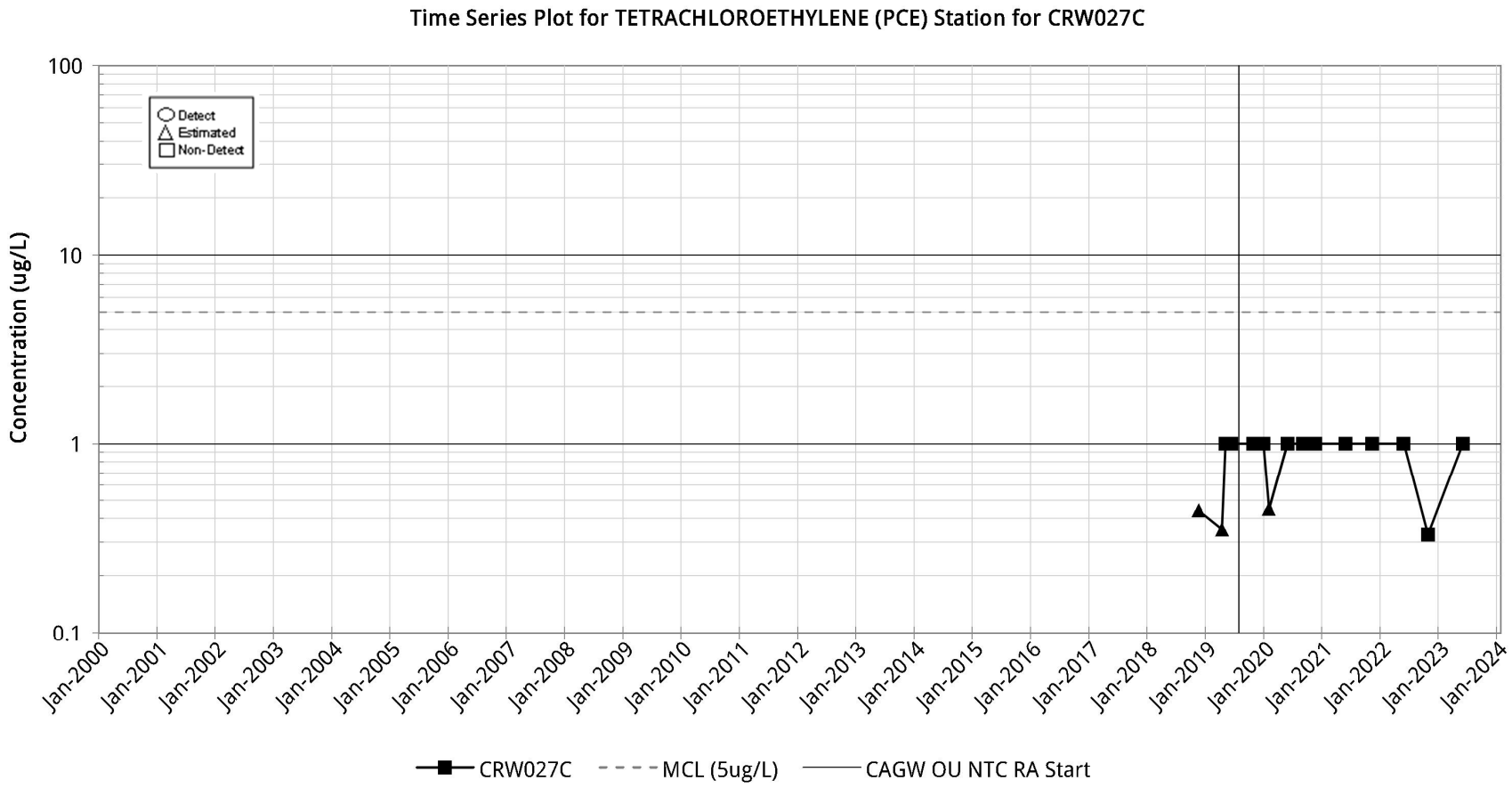

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW027C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-96.

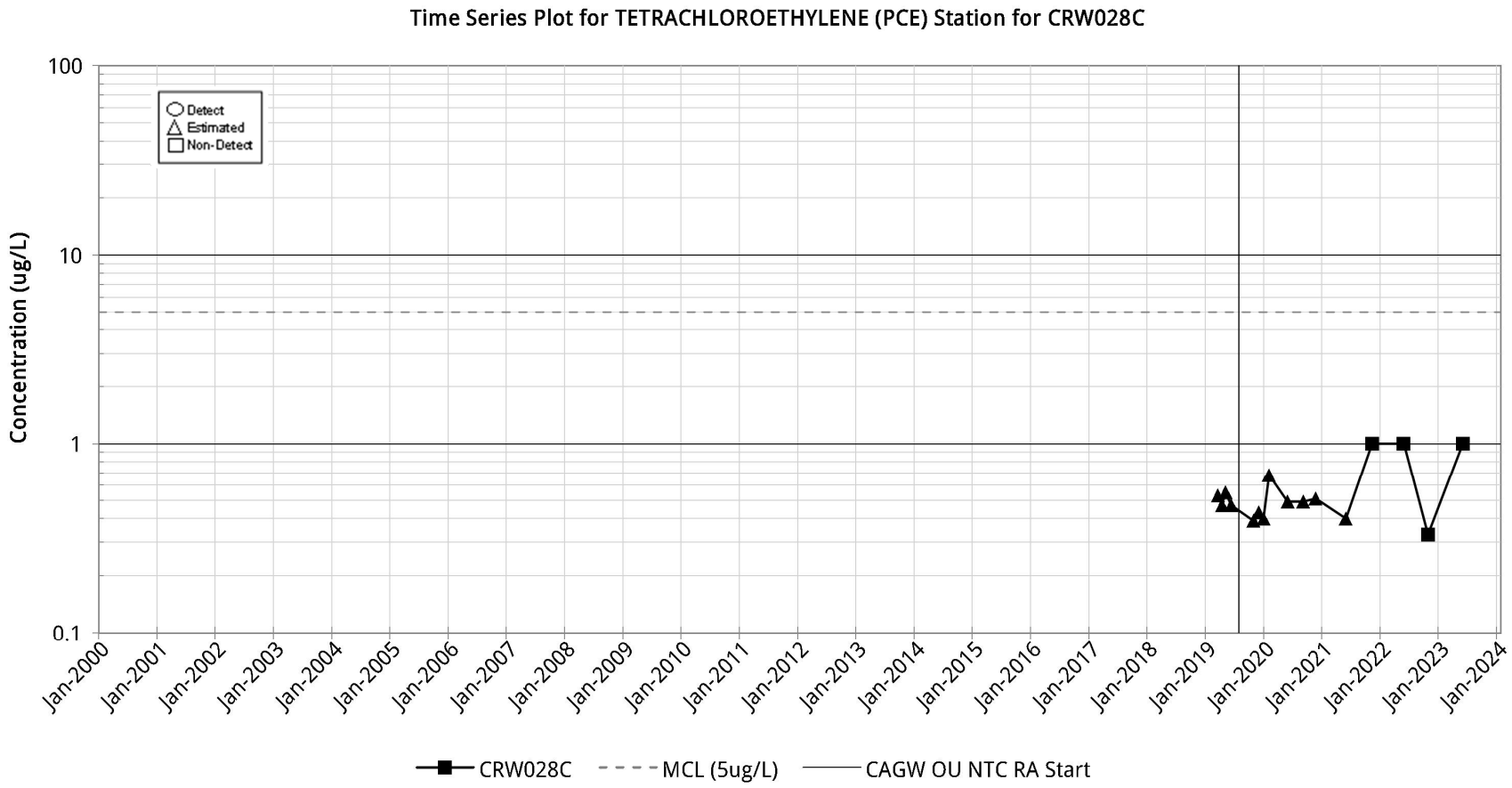

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW028C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-97.

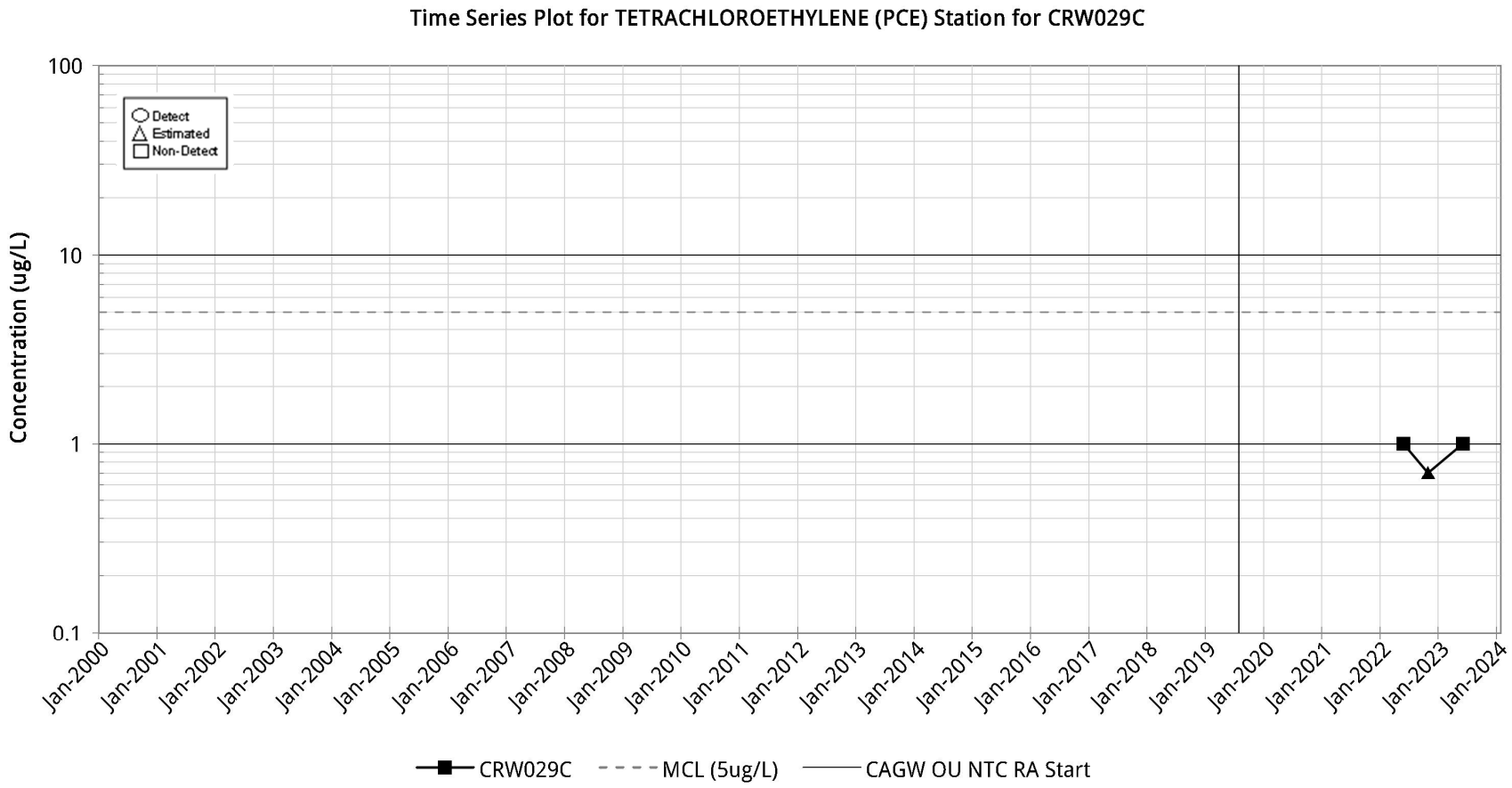

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW029C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-98.

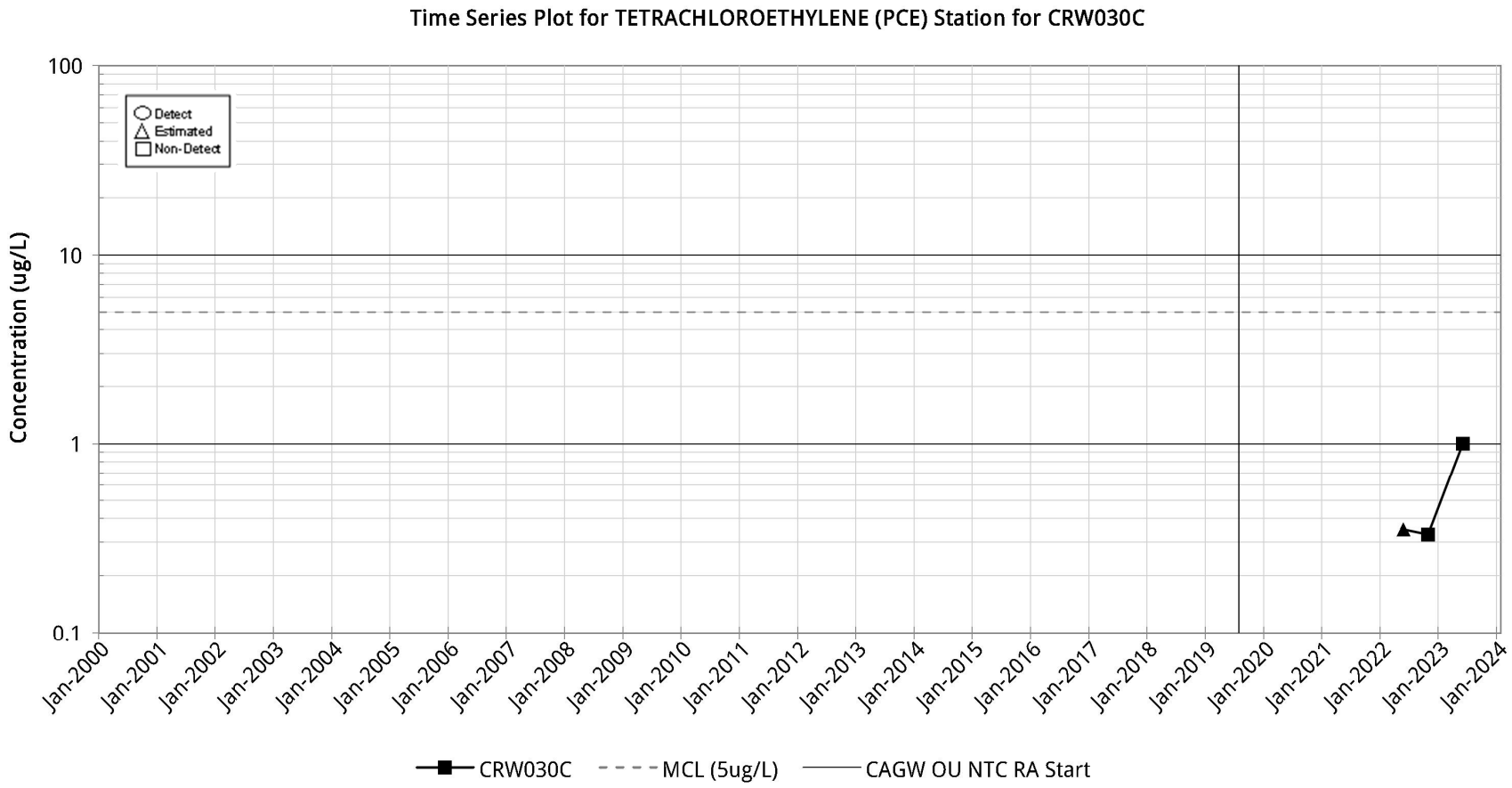

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW030C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-99.

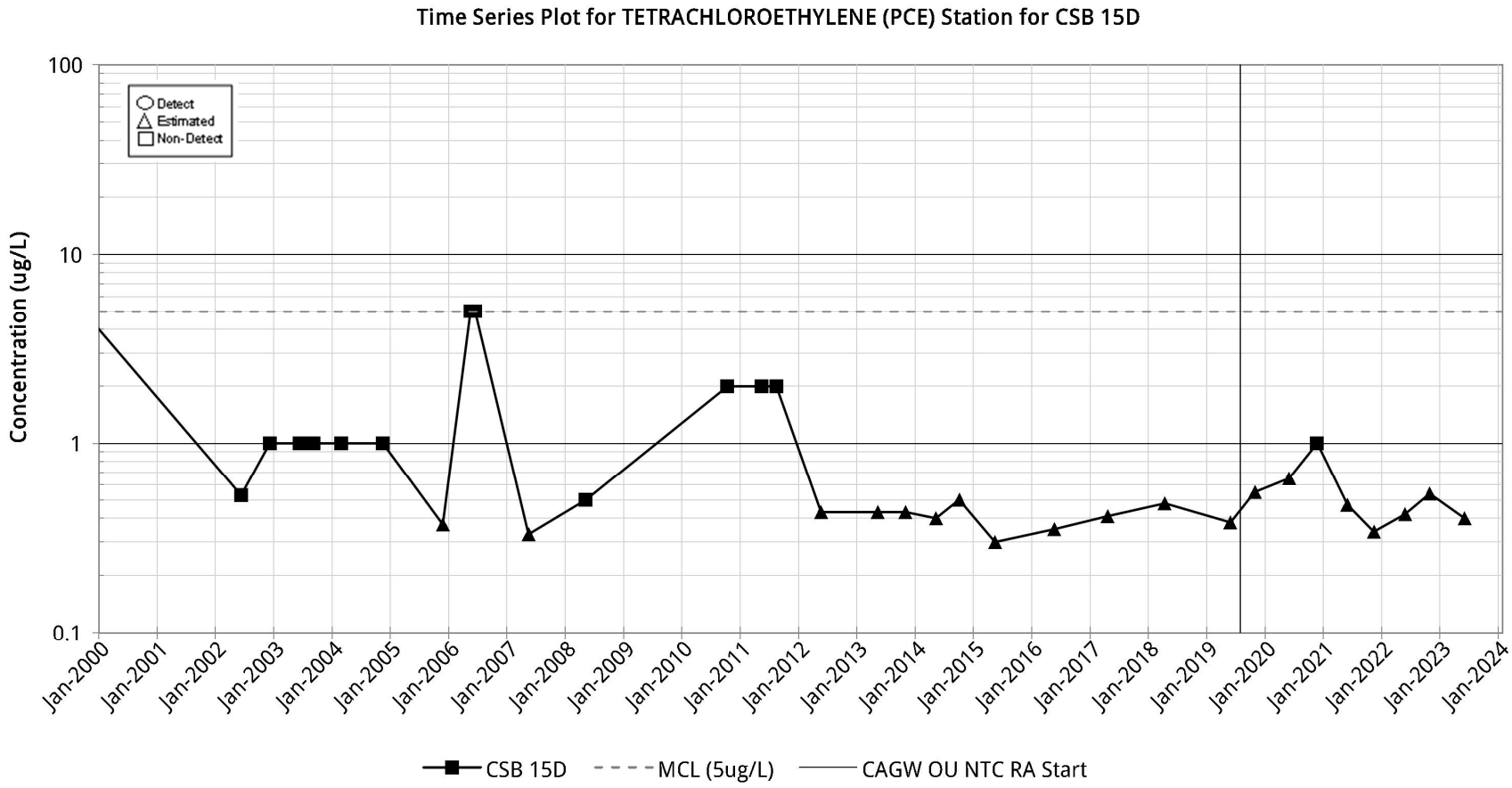

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CSB 15D
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-100.

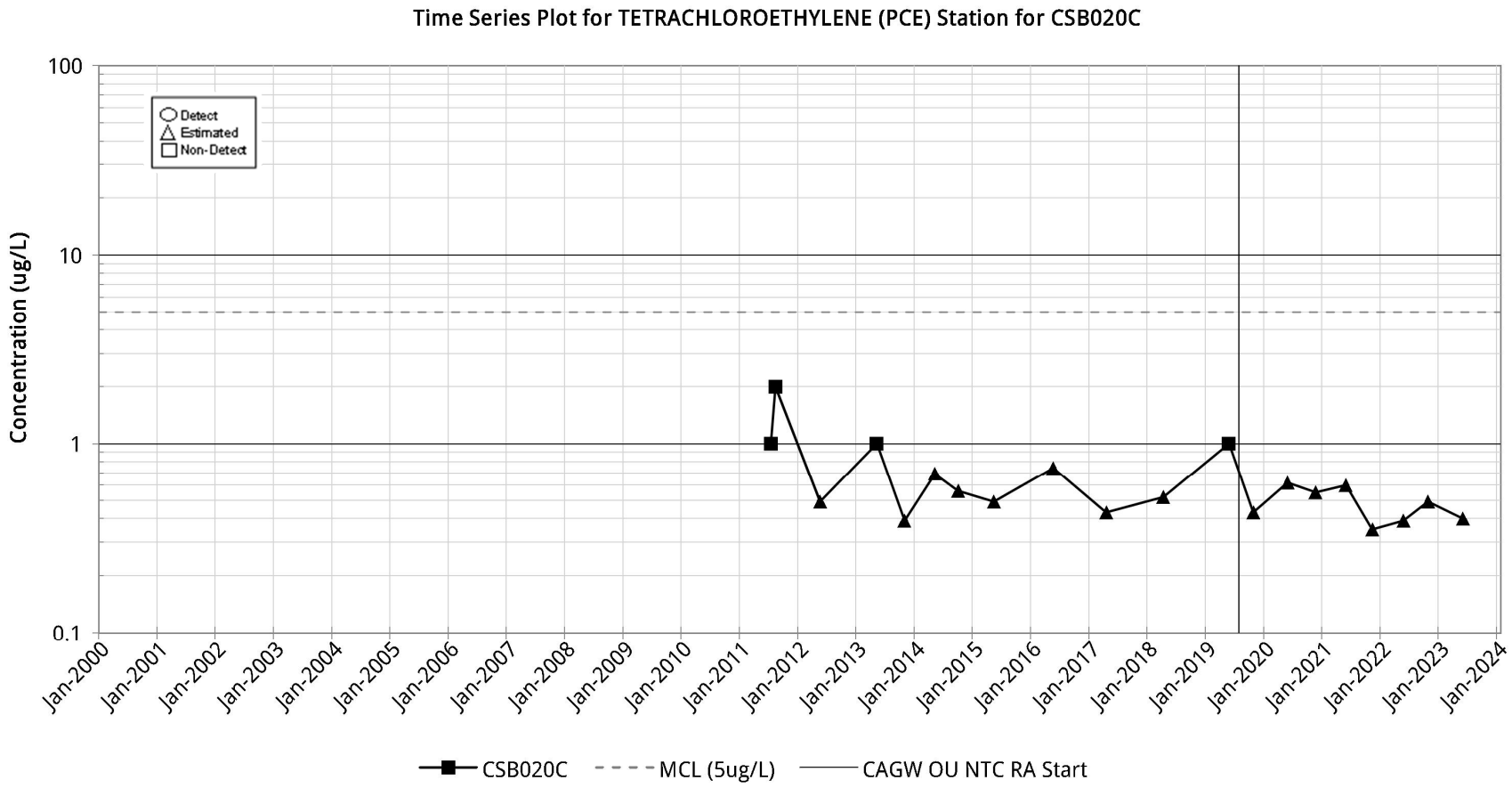

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CSB020C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-101.

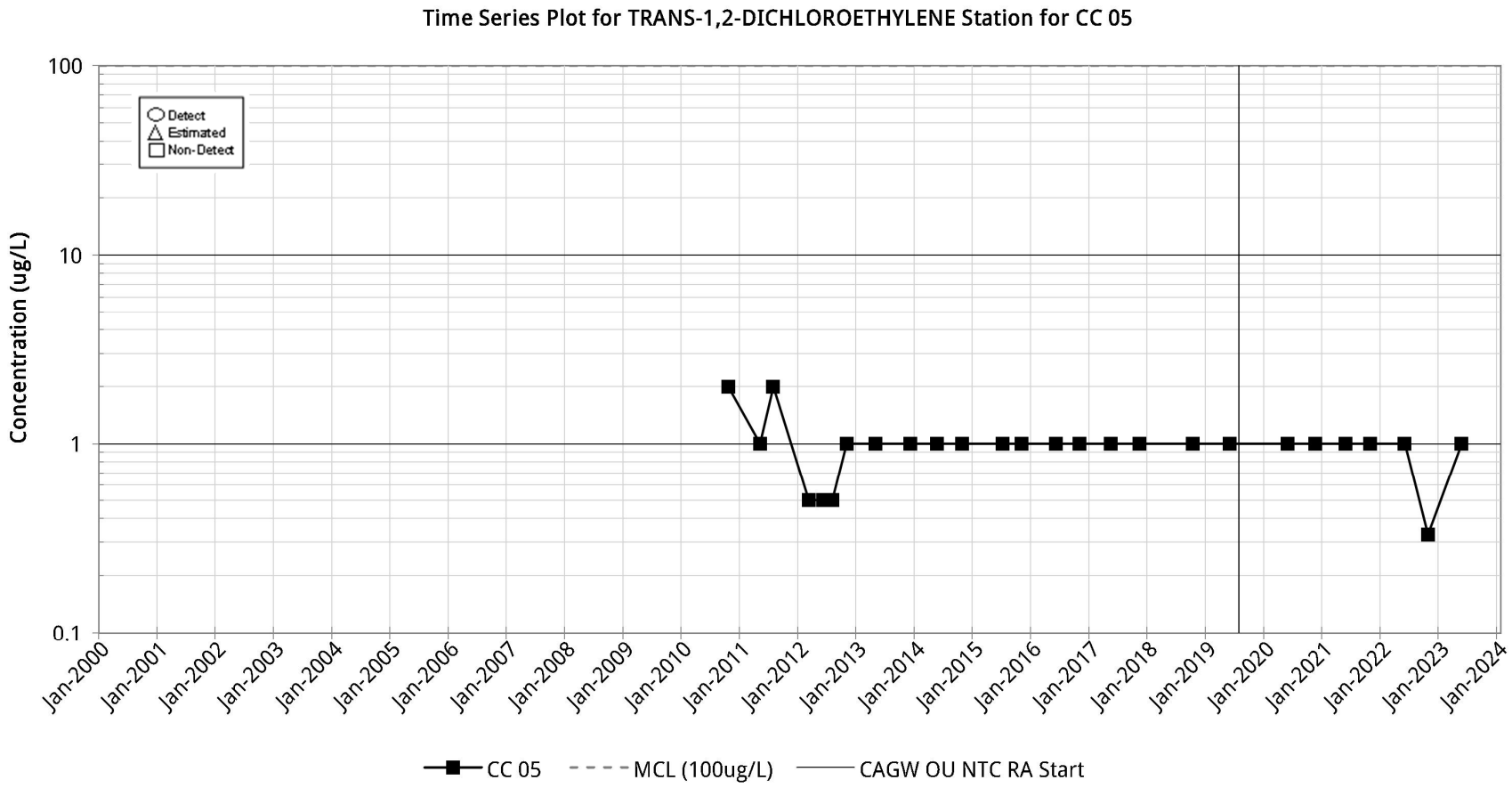

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CC 05
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-102.

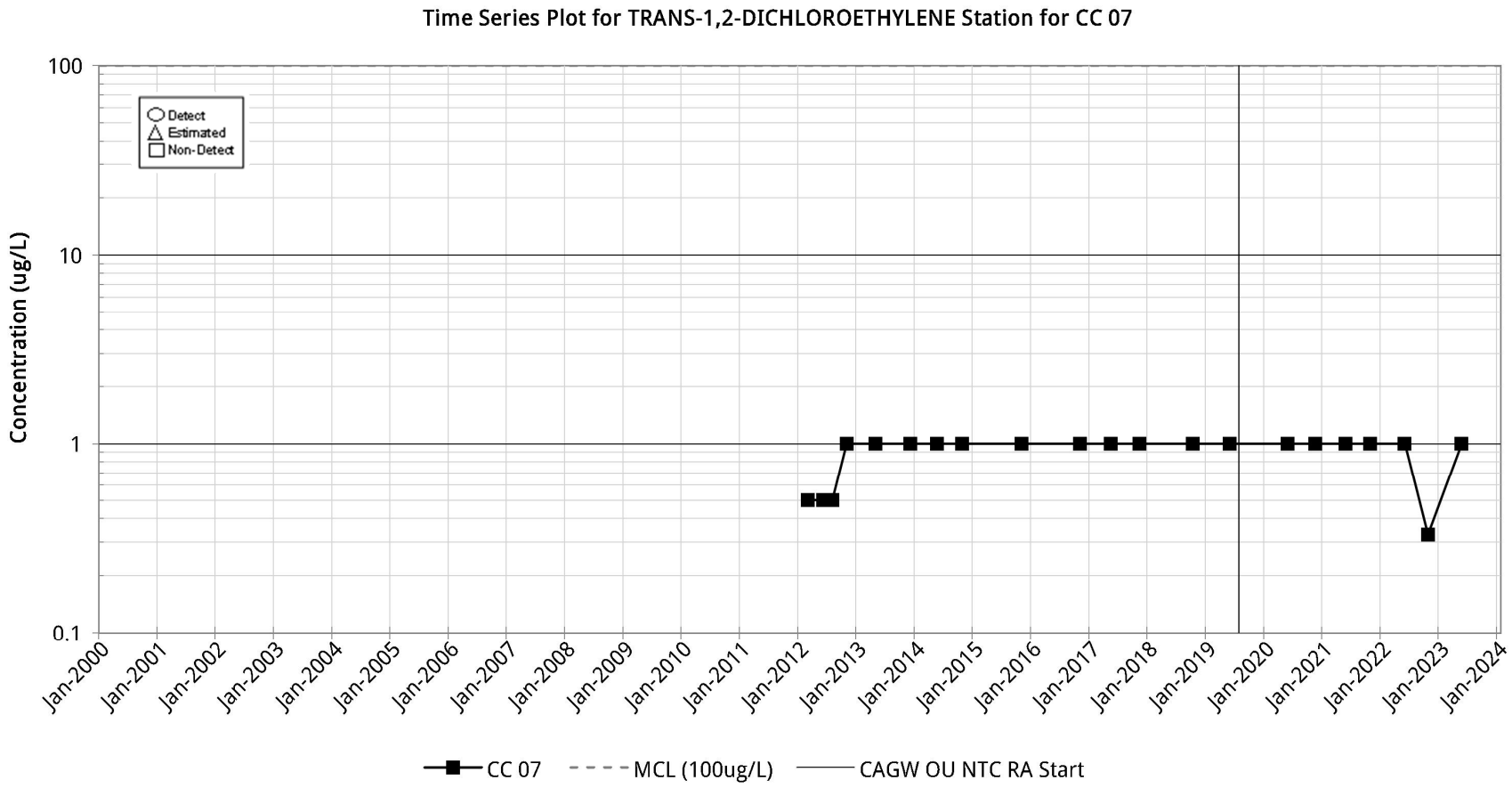

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CC 07
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-103.

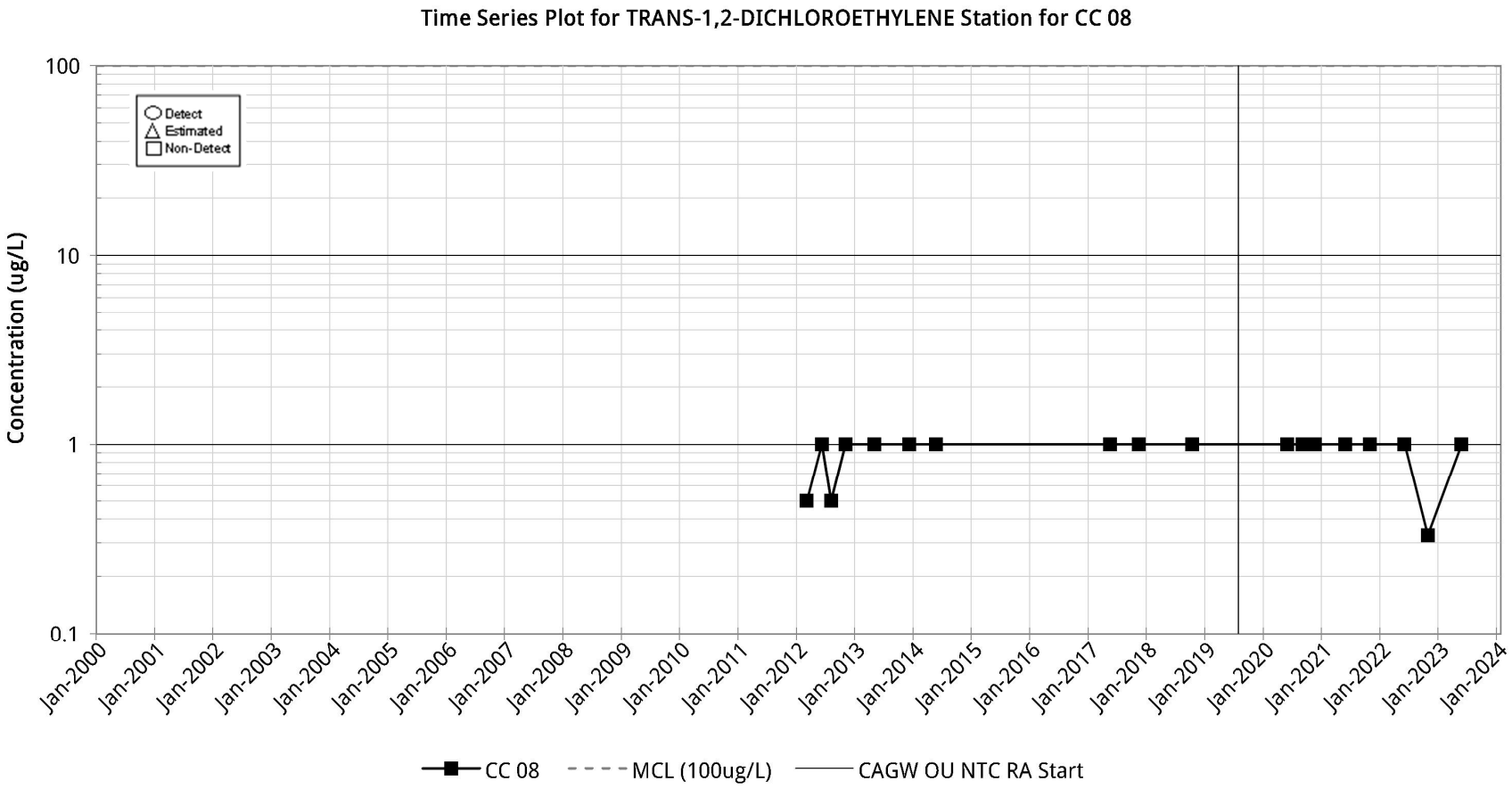

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CC 08
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-104.

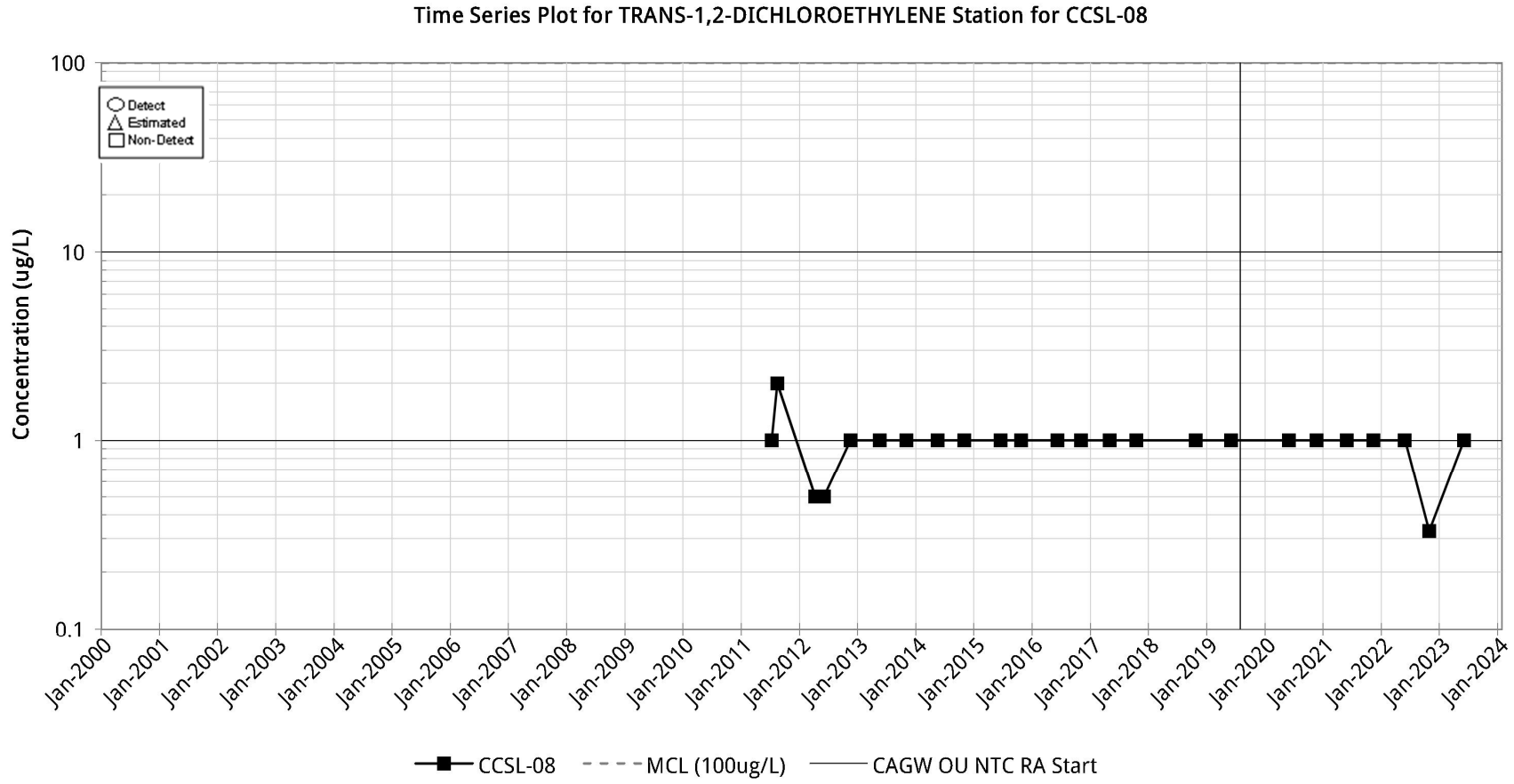

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCSL-08
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-105.

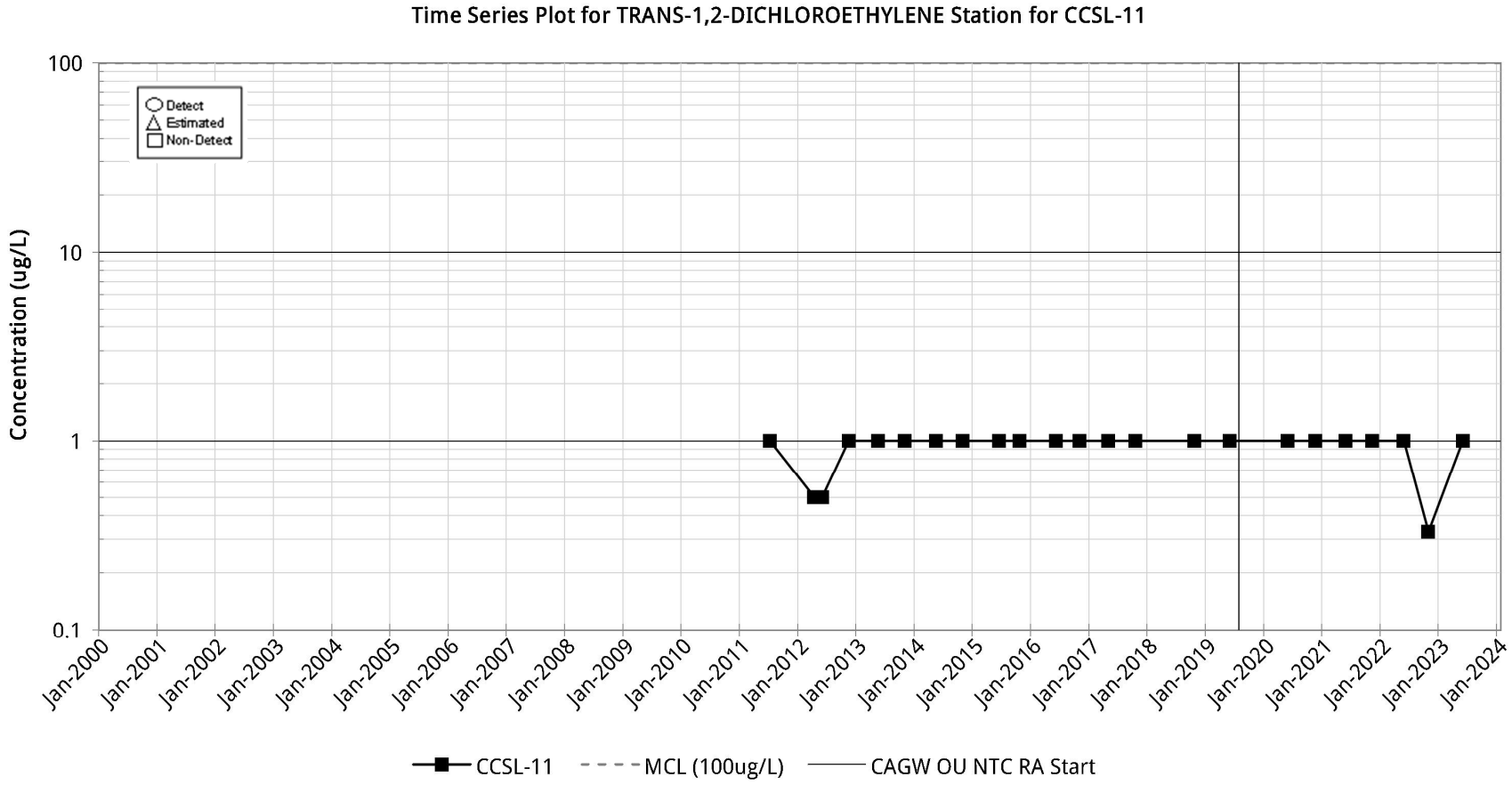

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCSL-11
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-106.

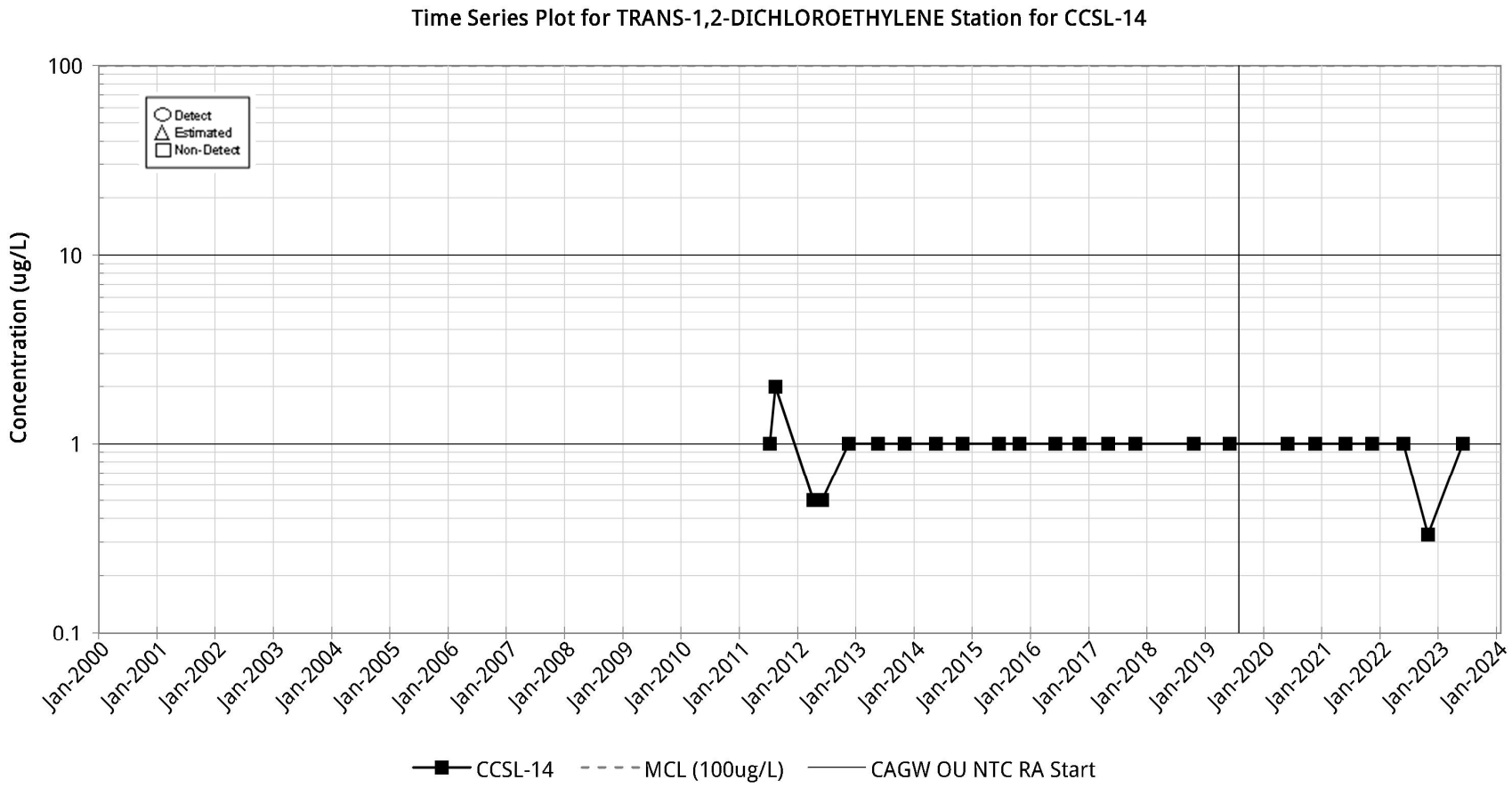

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCSL-14
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-107.

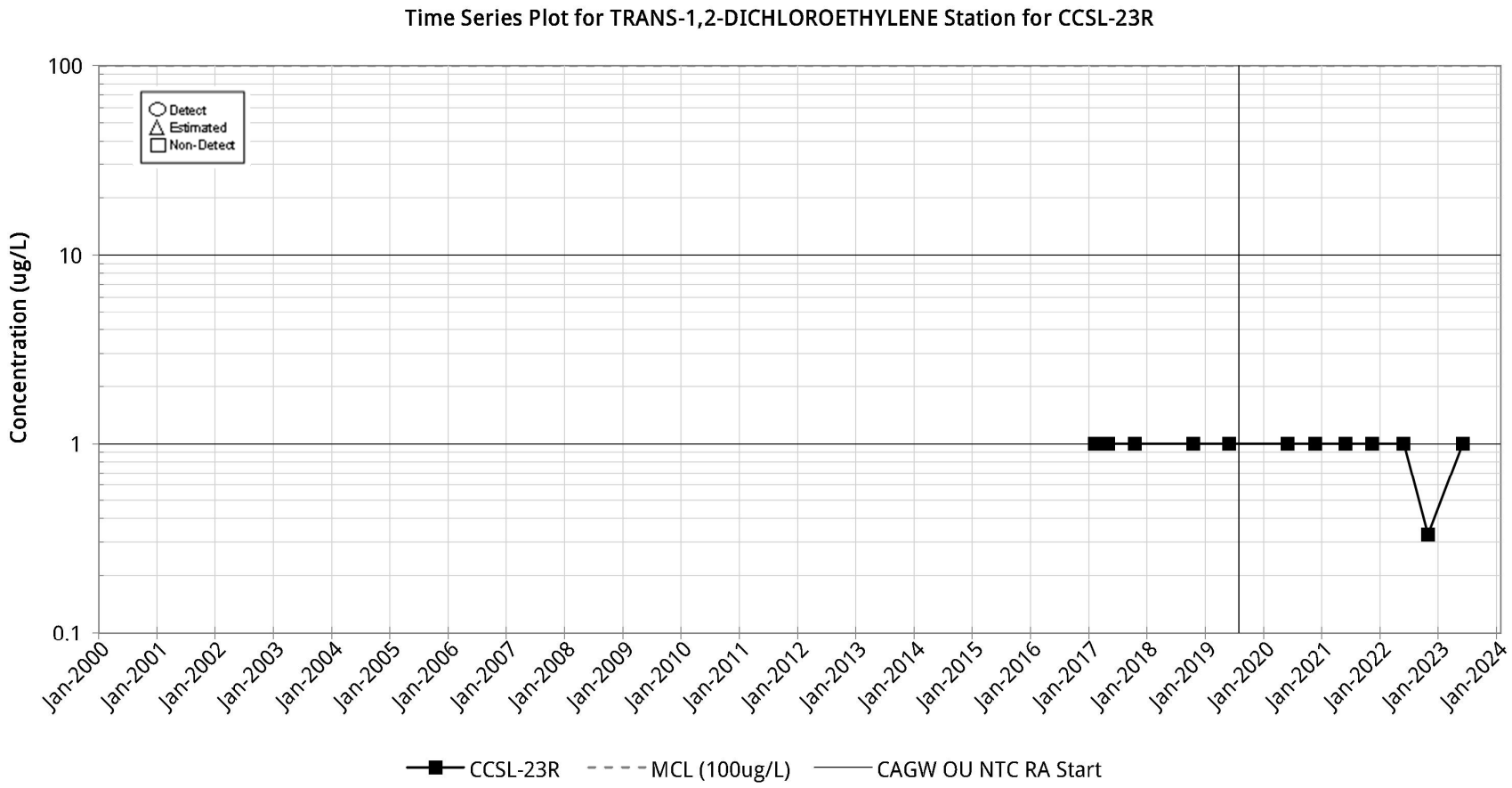

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCSL-23R
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-108.

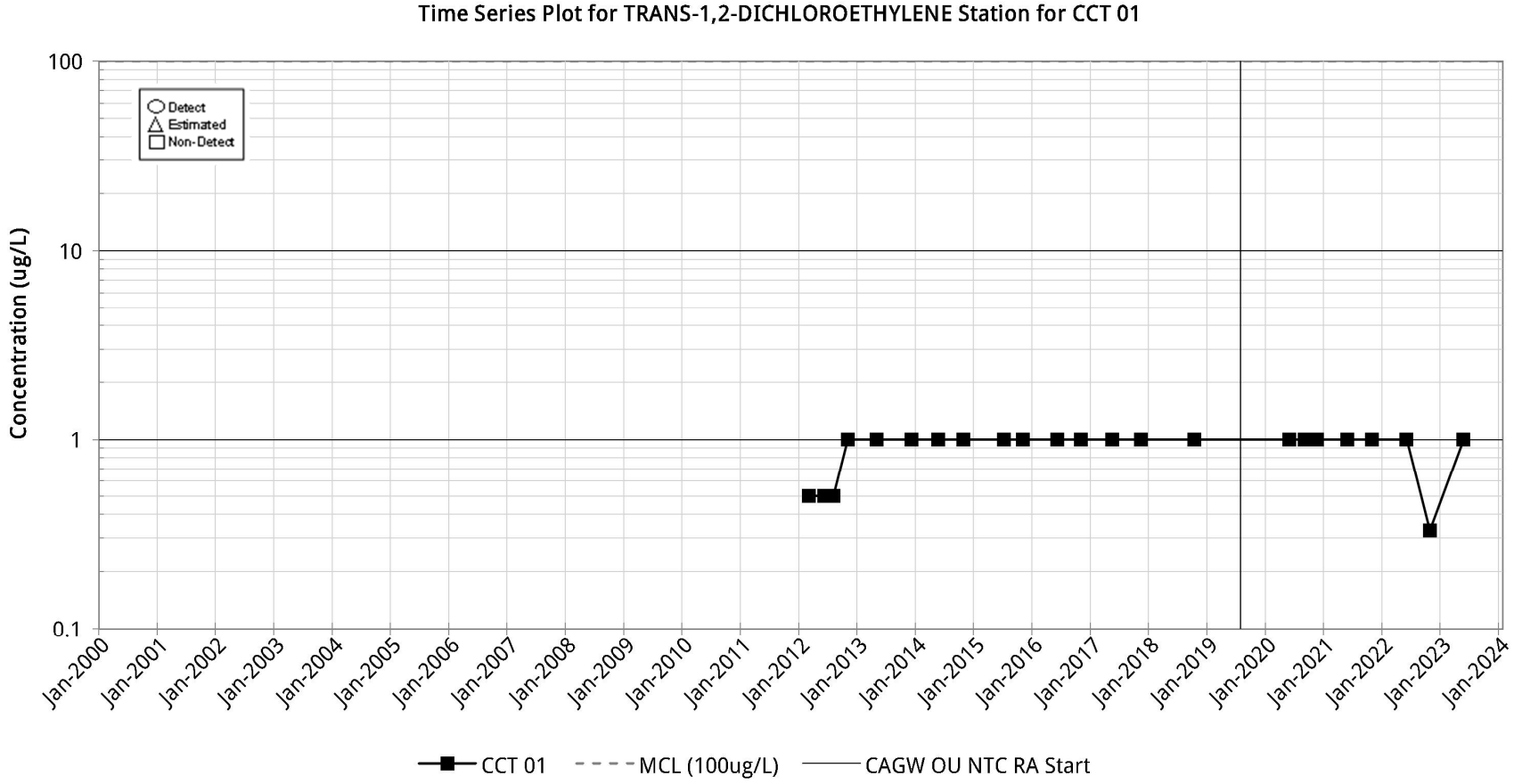

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCT 01
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-109.

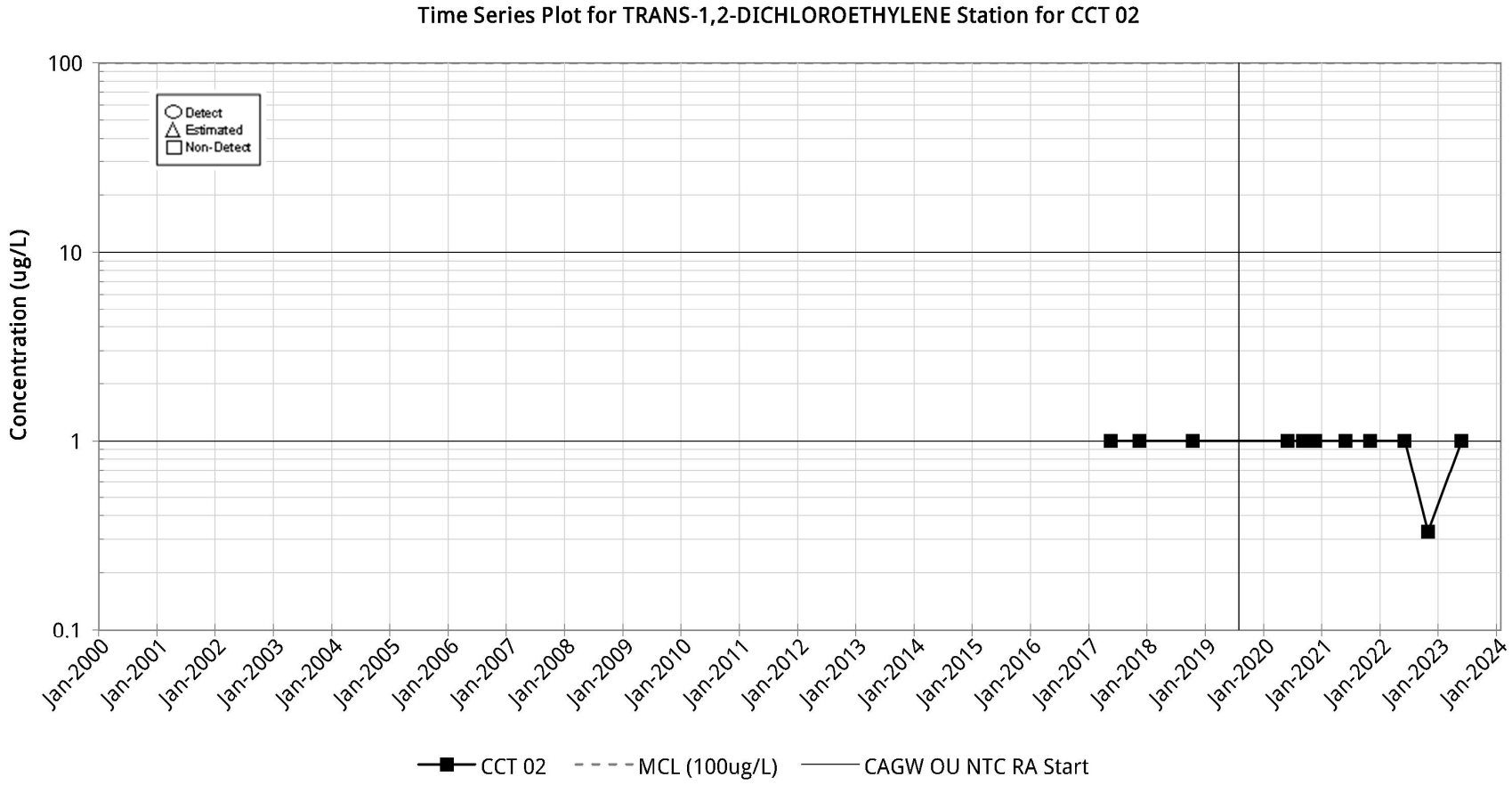

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCT 02
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-110.

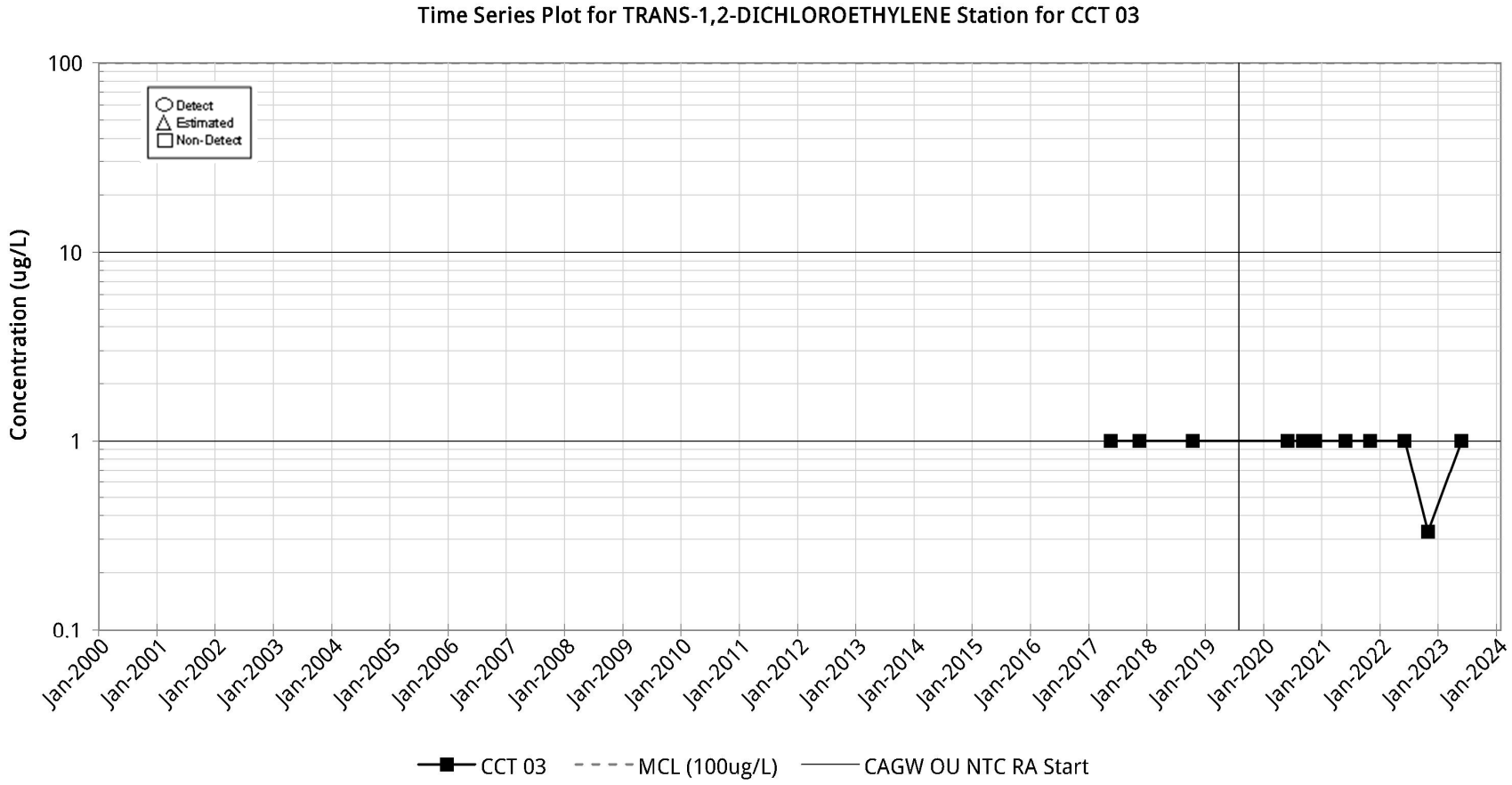

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CCT 03
Detect
Estimated
Non-Detect
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-111.

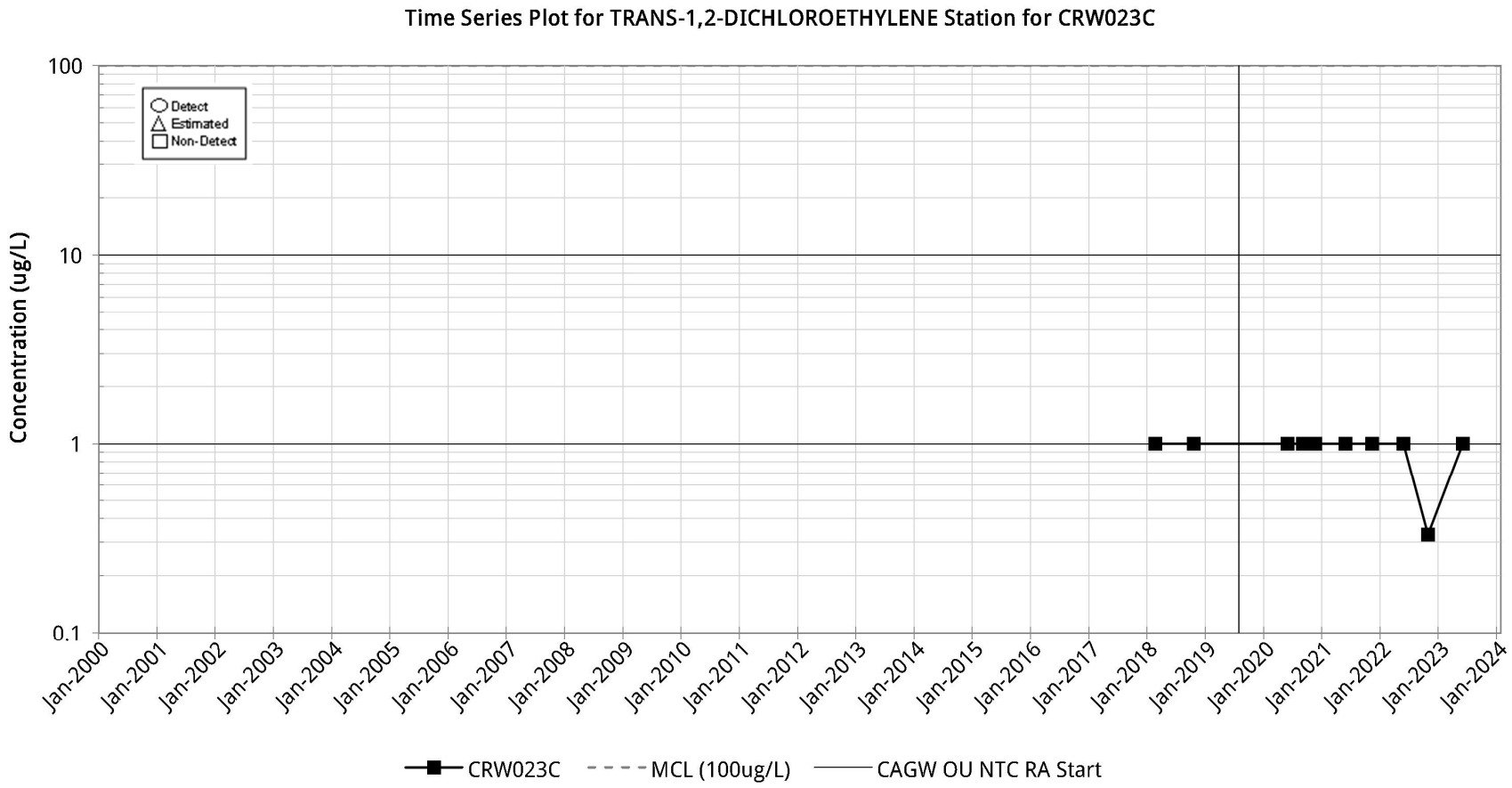

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW023C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-112.

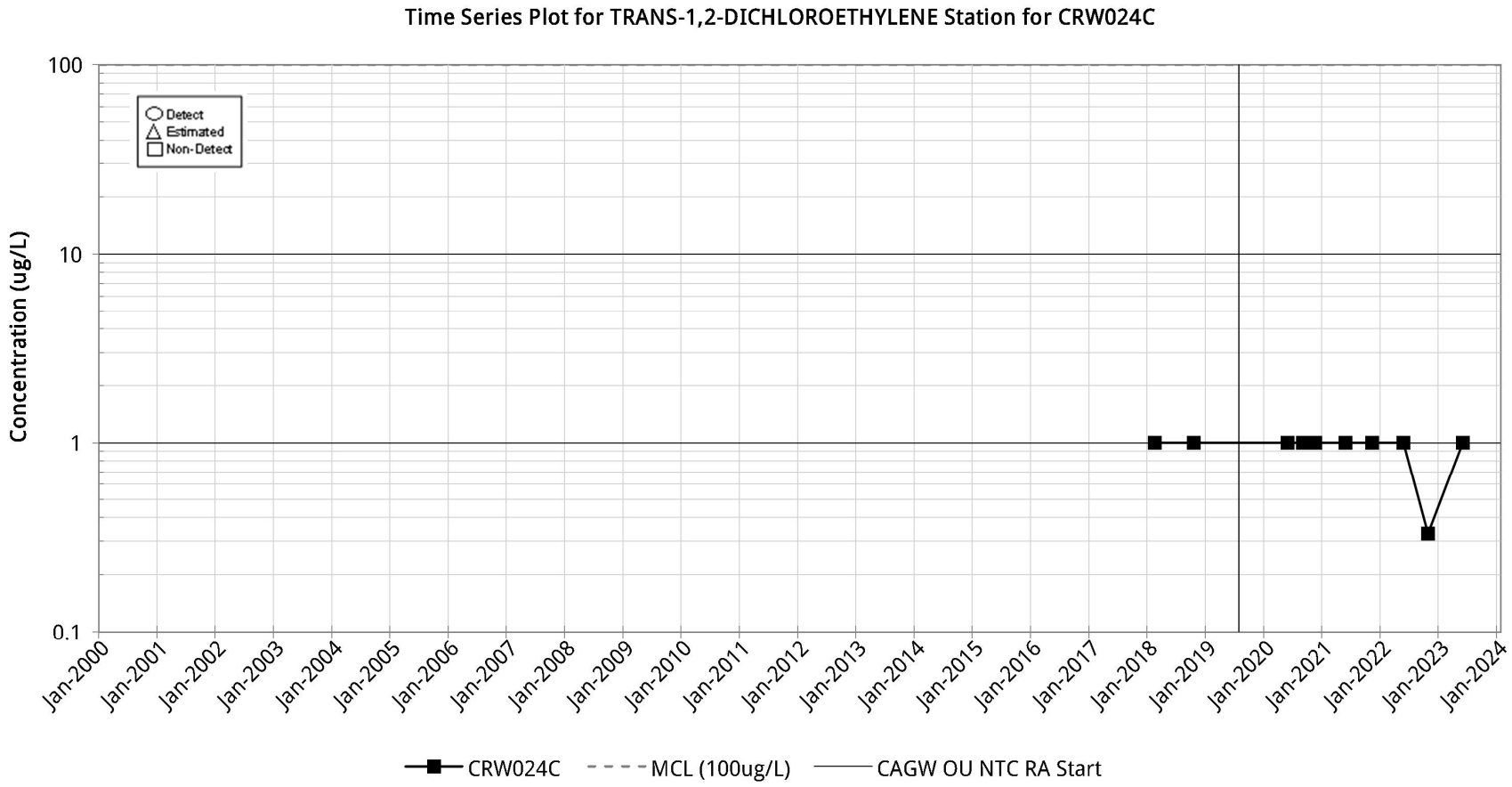

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW024C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-113.

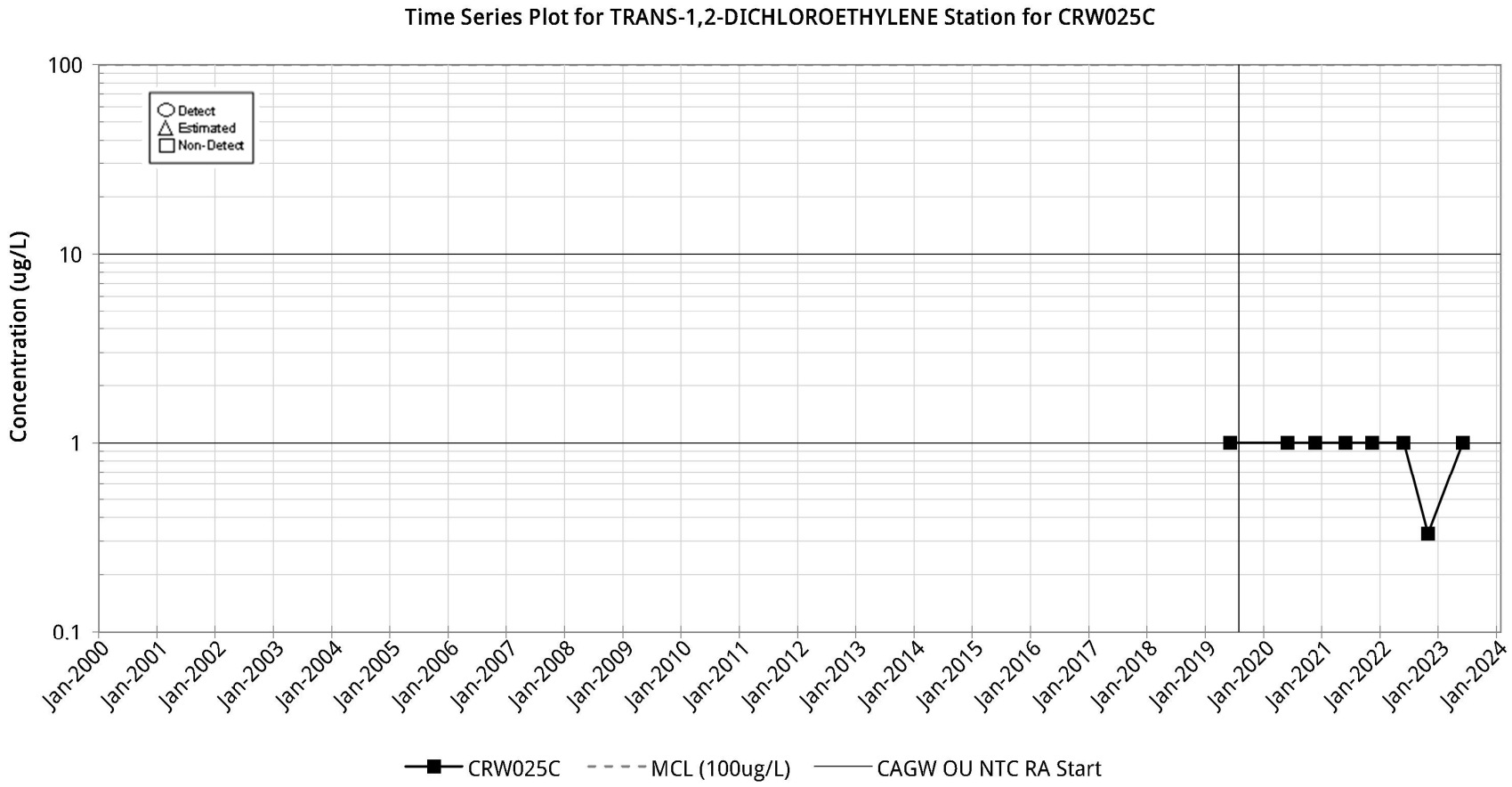

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW025C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-114.

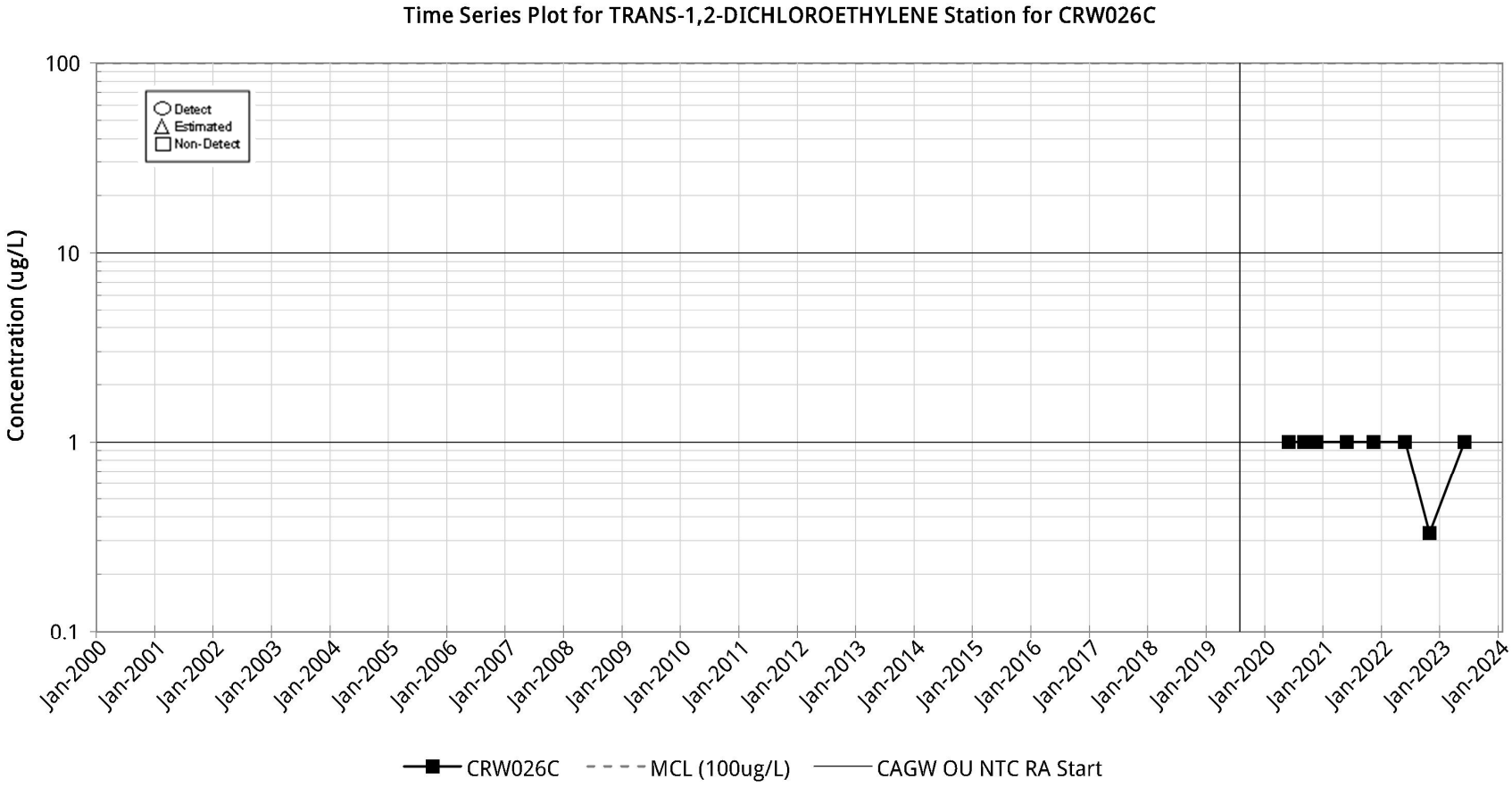

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW026C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-115.

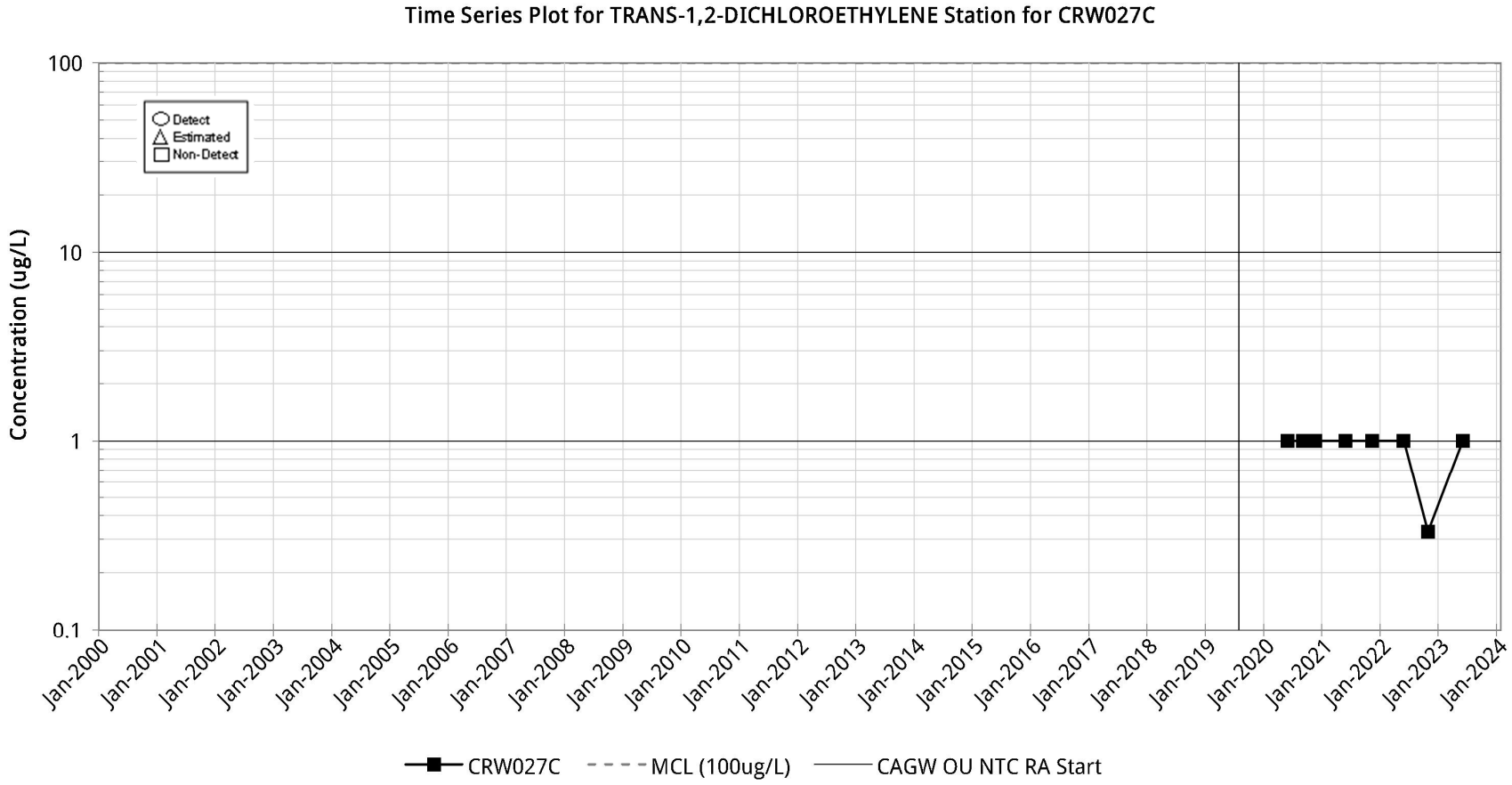

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW027C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-116.

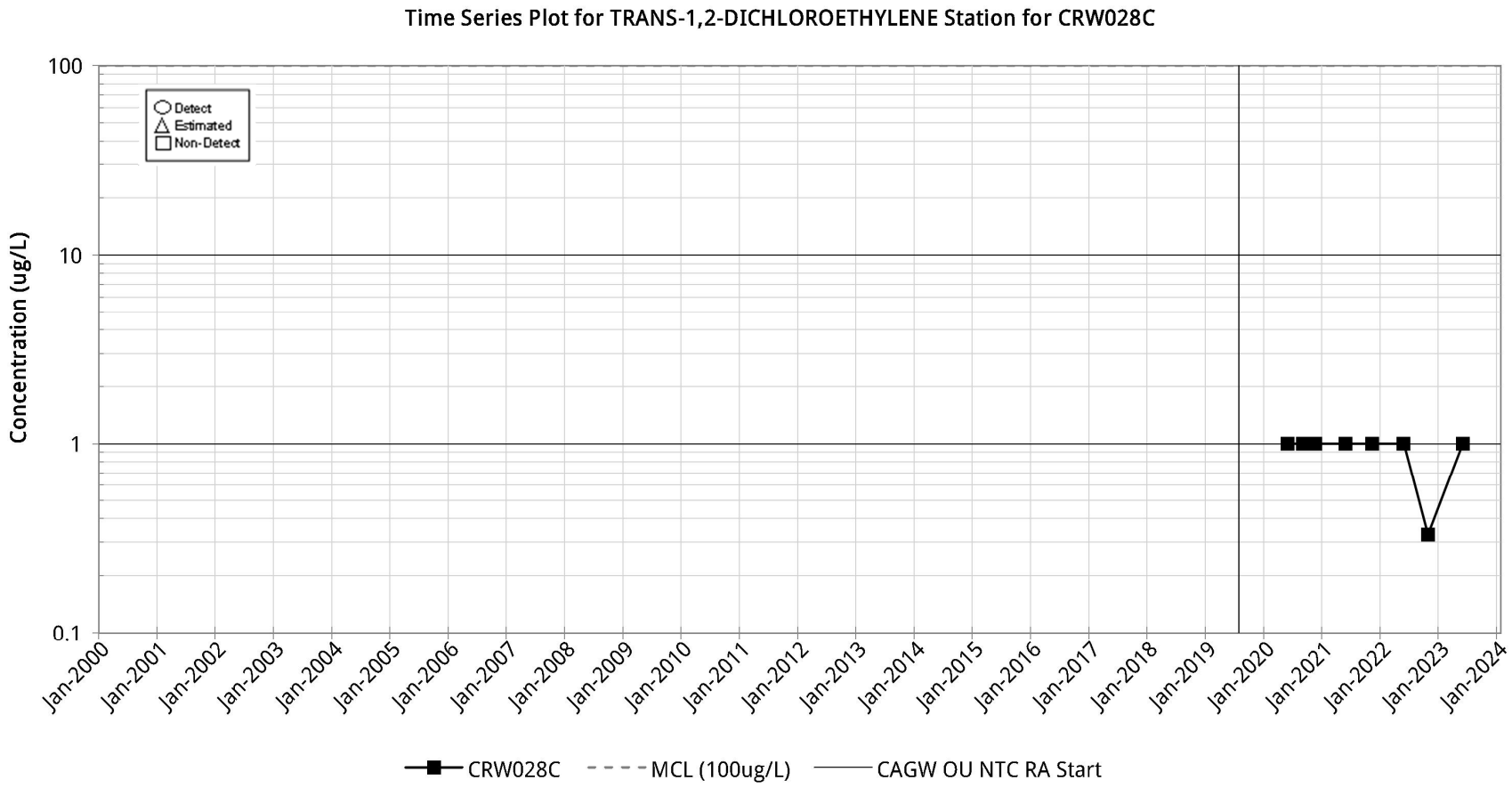

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW028C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-117.

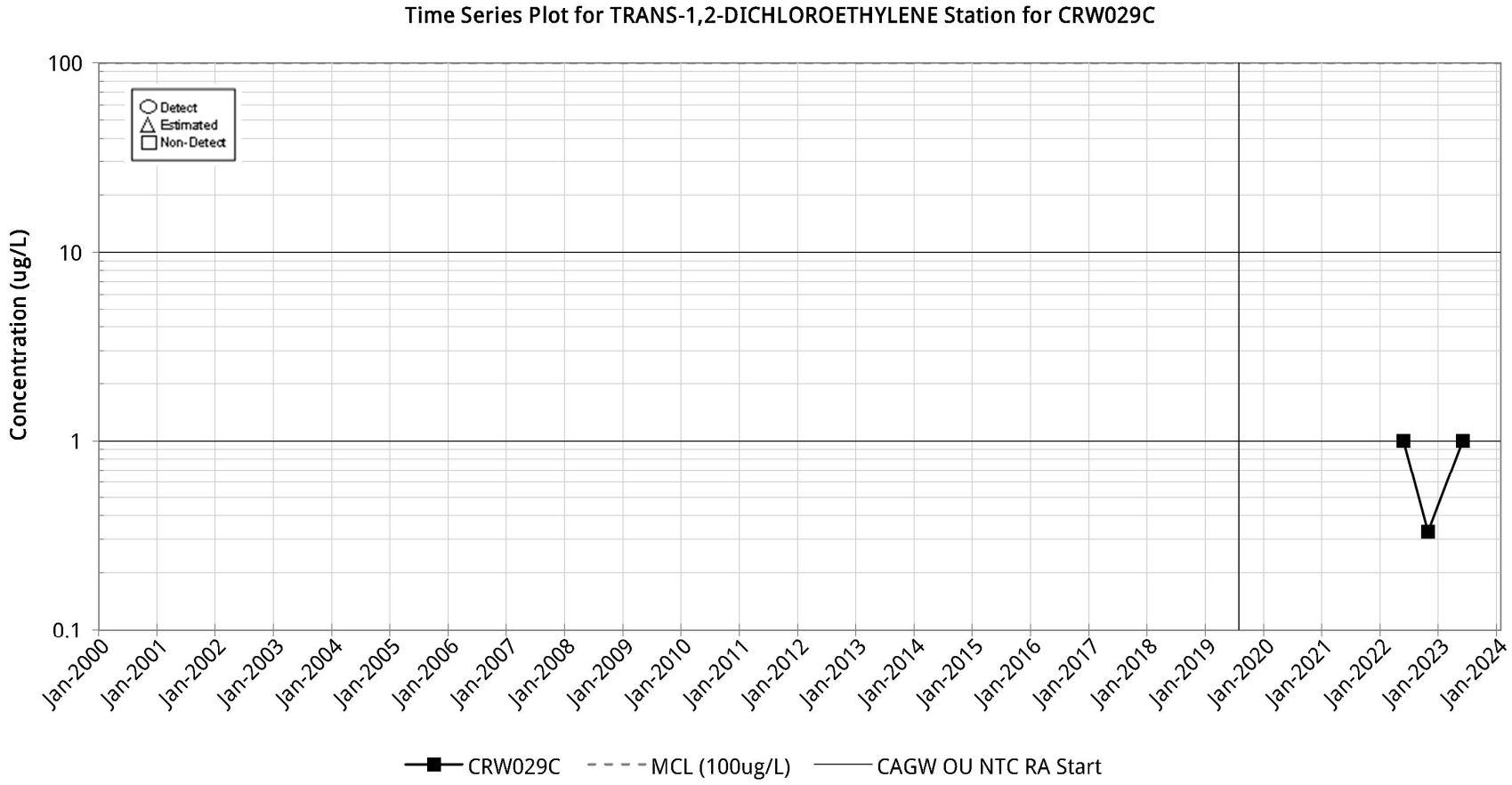

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW029C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-118.

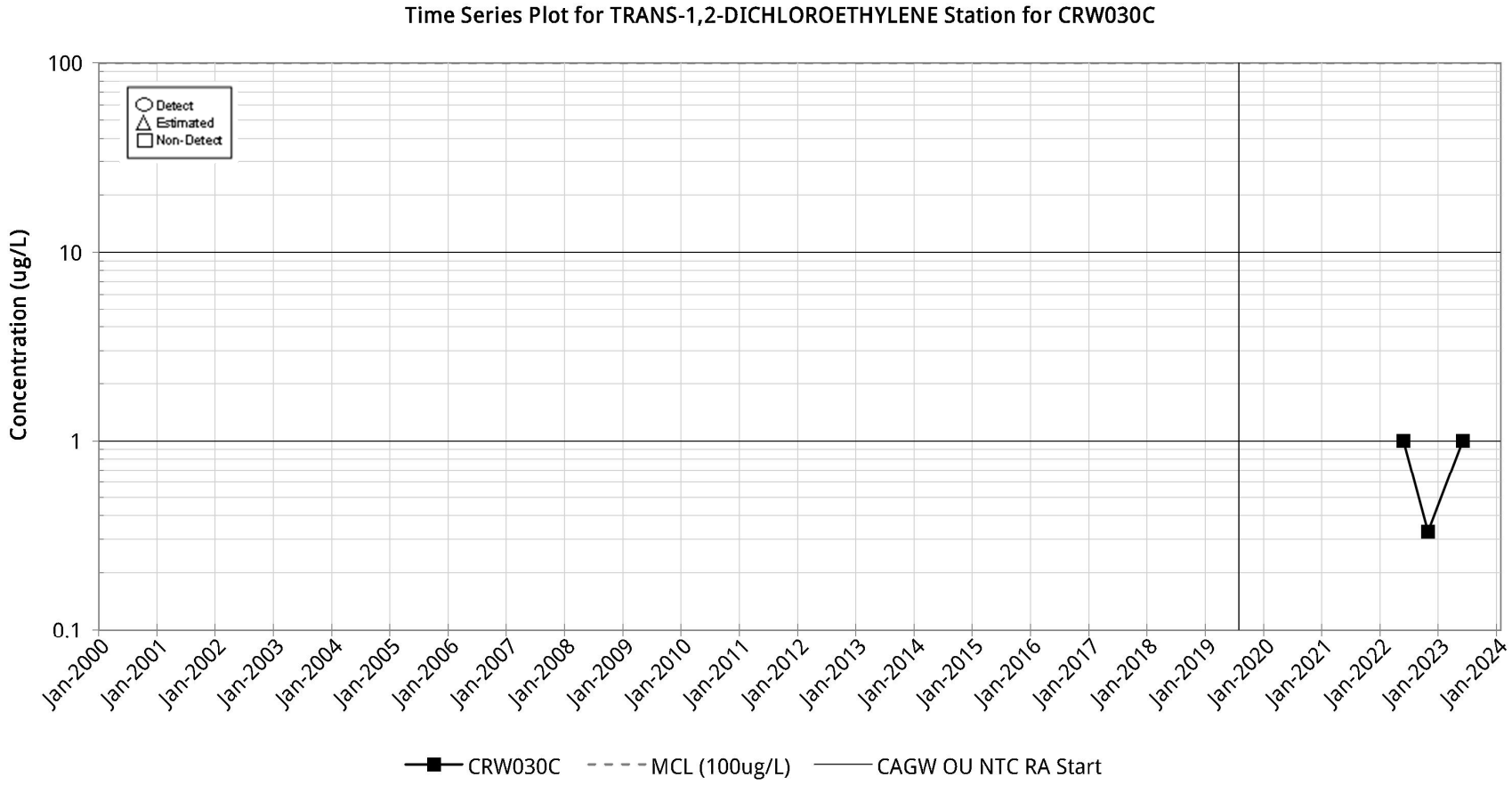

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CRW030C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-119.

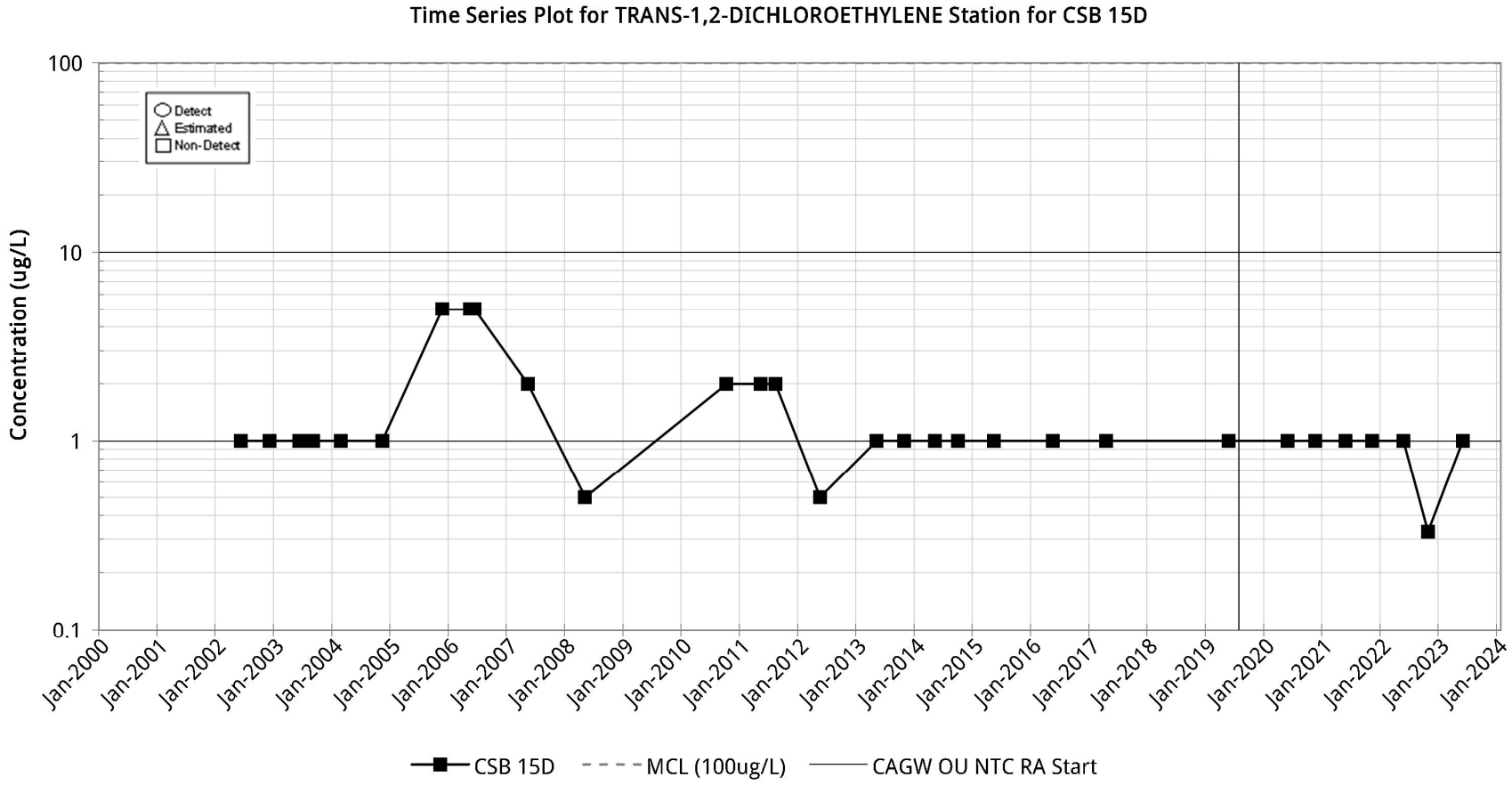

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CSB 15D
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-120.

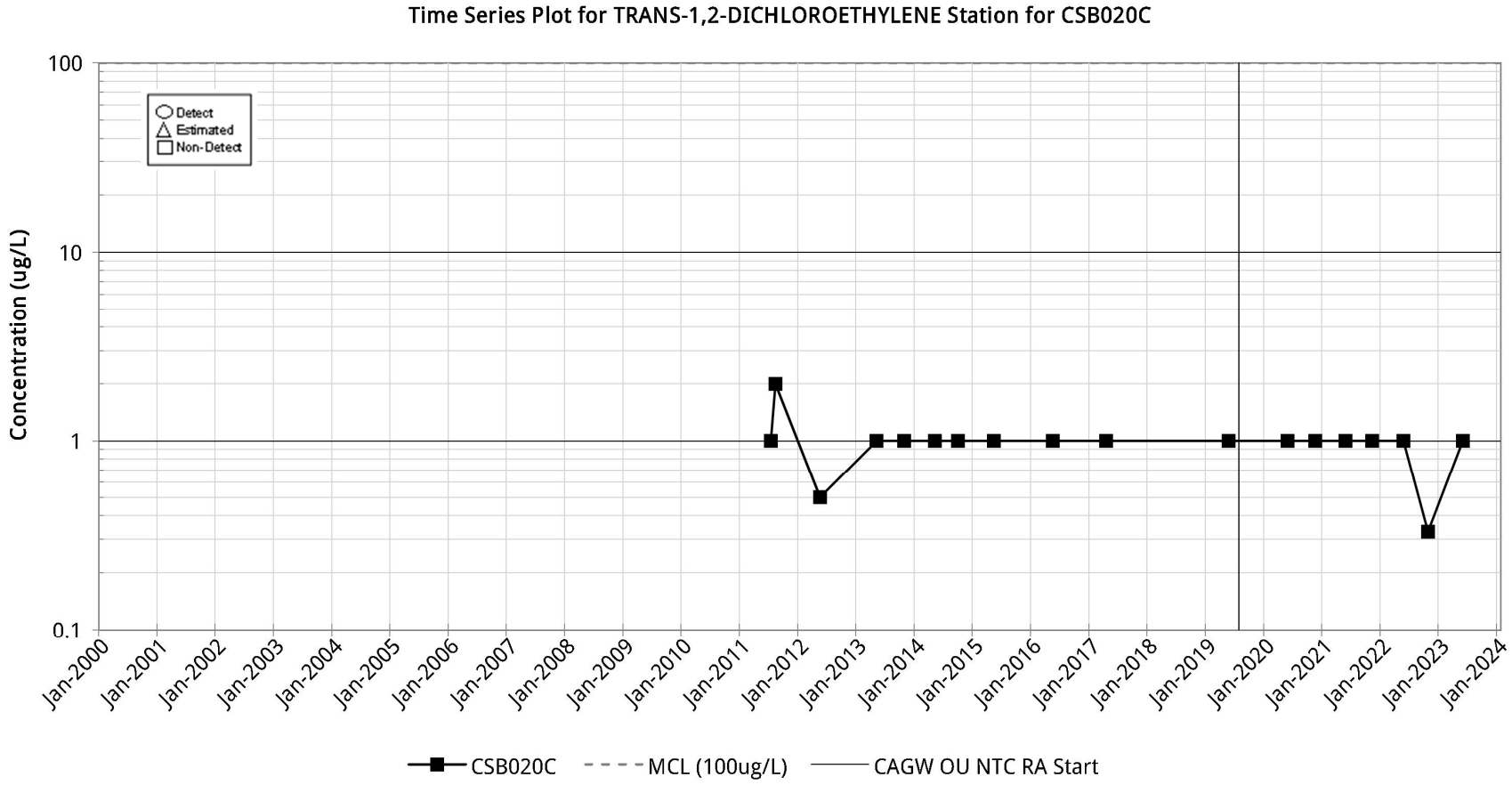

Time Series Plot for TRANS-1,2-DICHLOROETHYLENE Station for CSB020C
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-121.

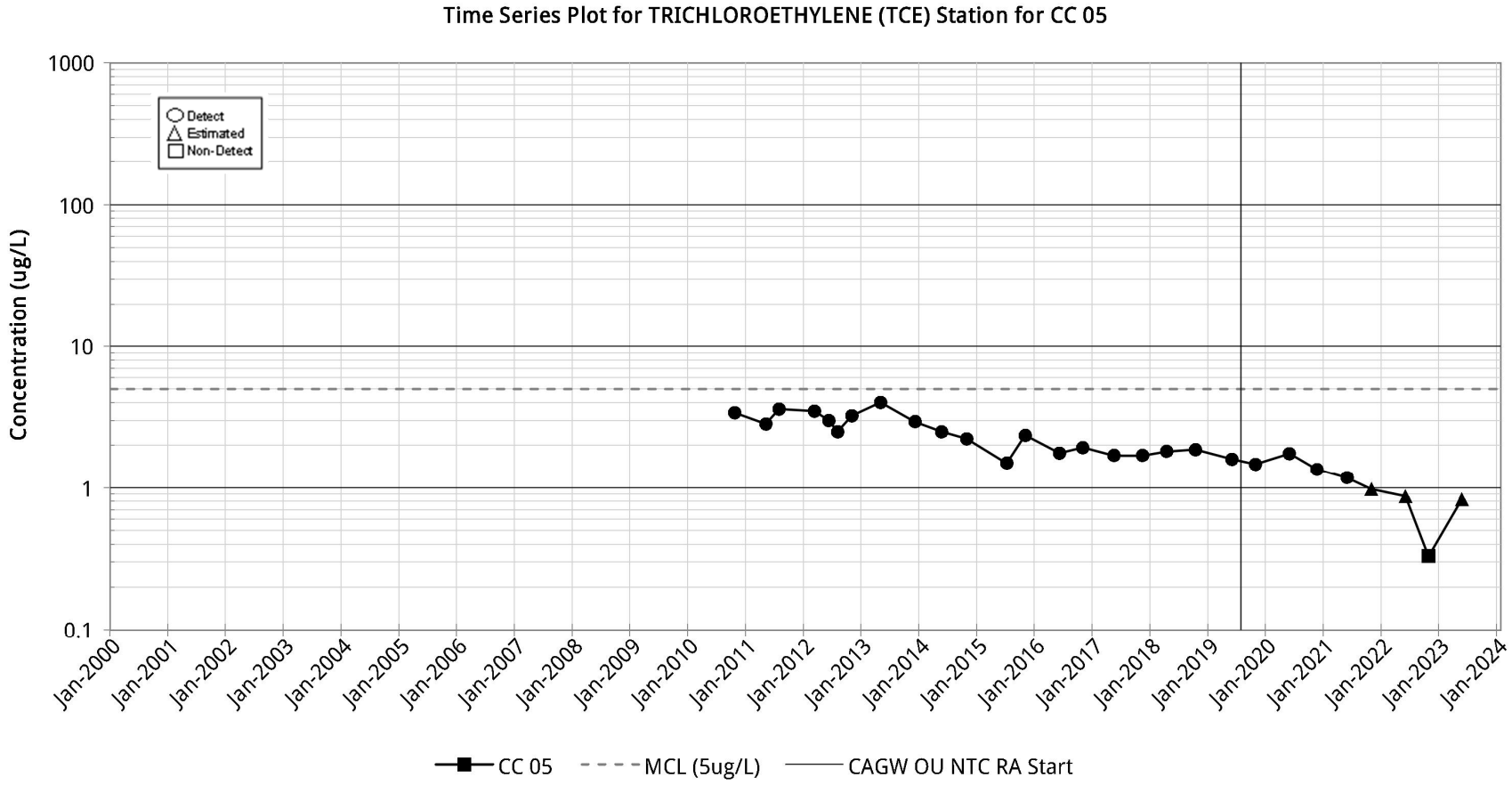

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 05
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-122.

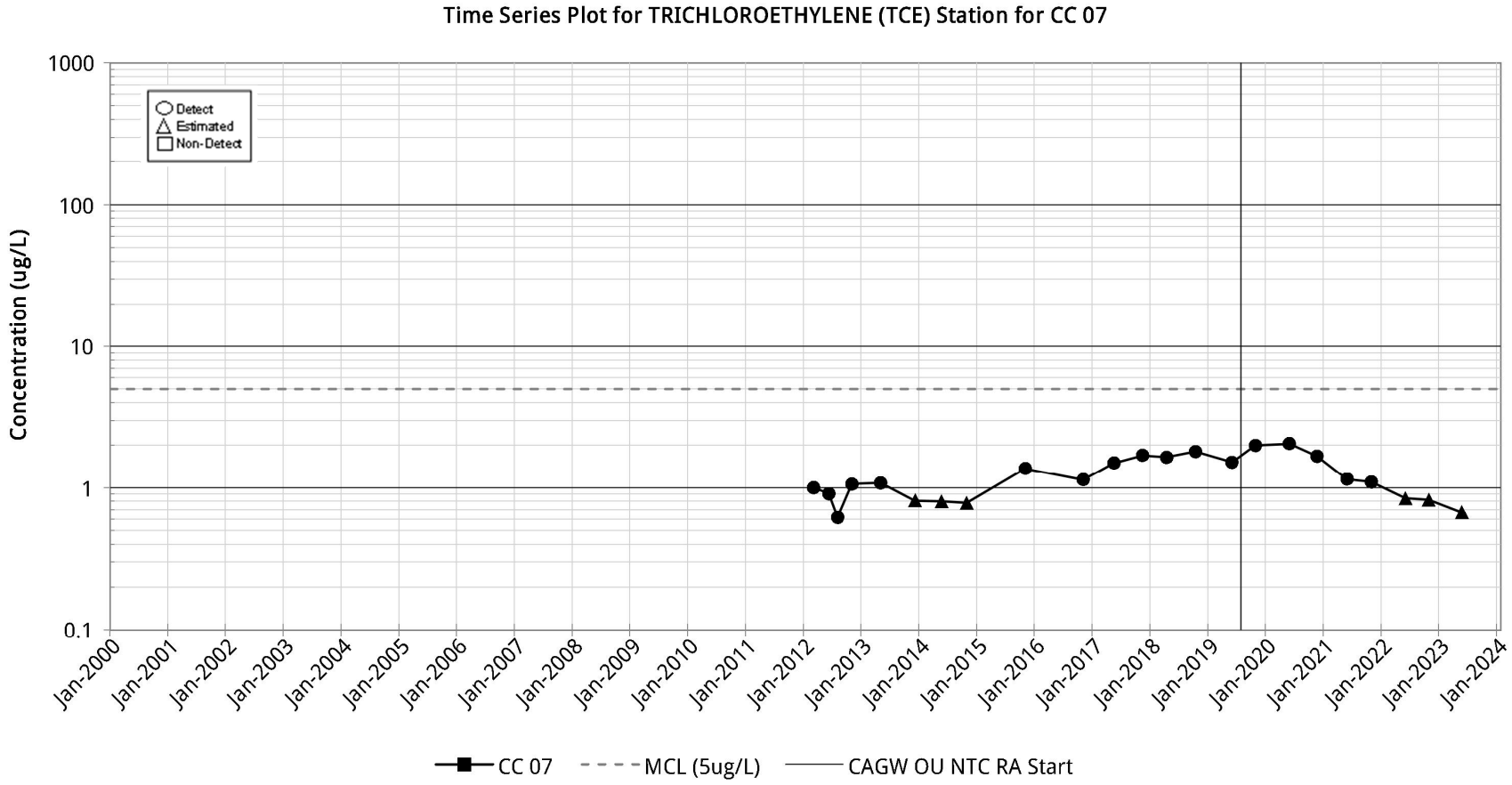

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 07
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-123.

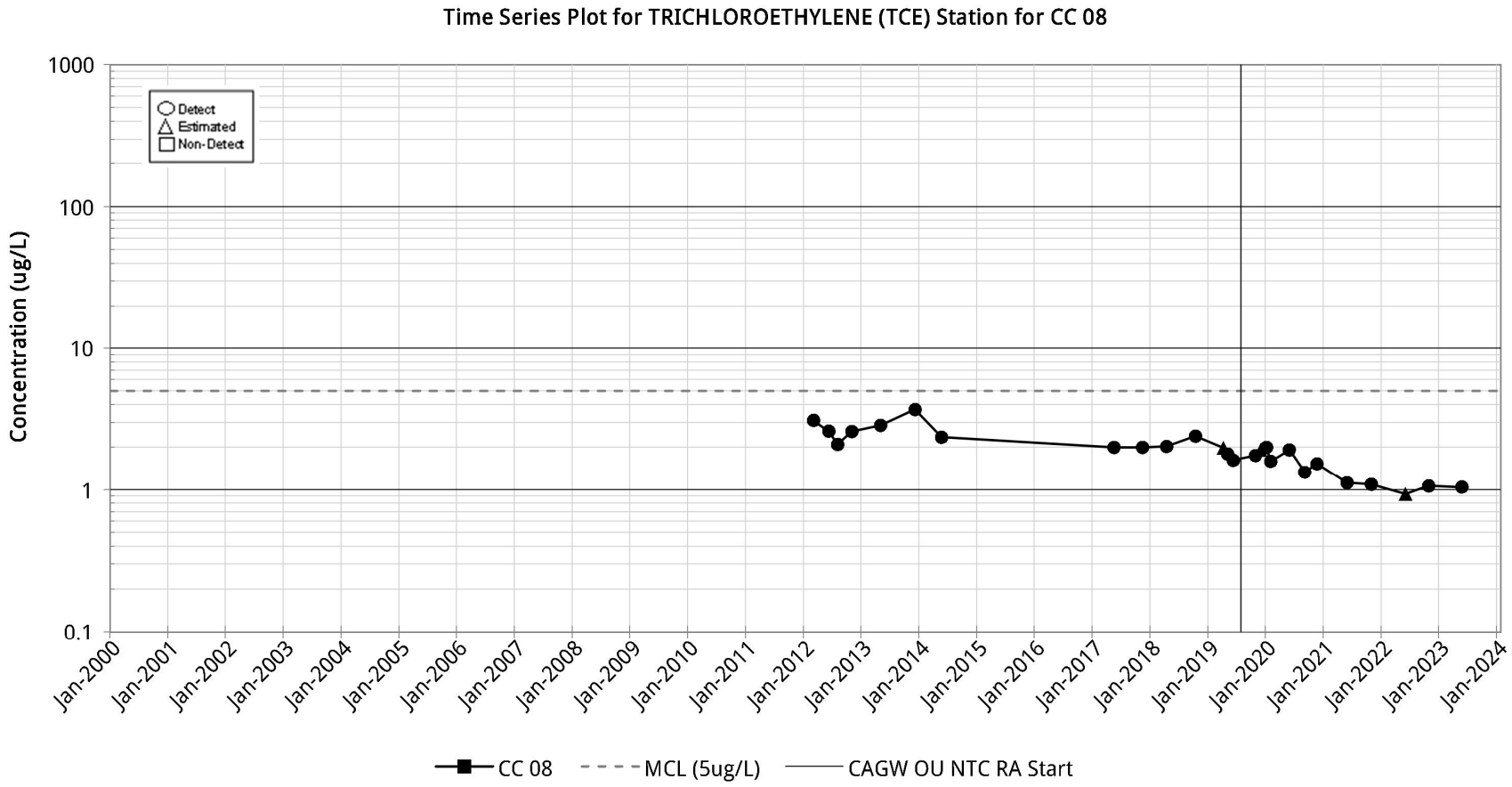

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 08
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-124.

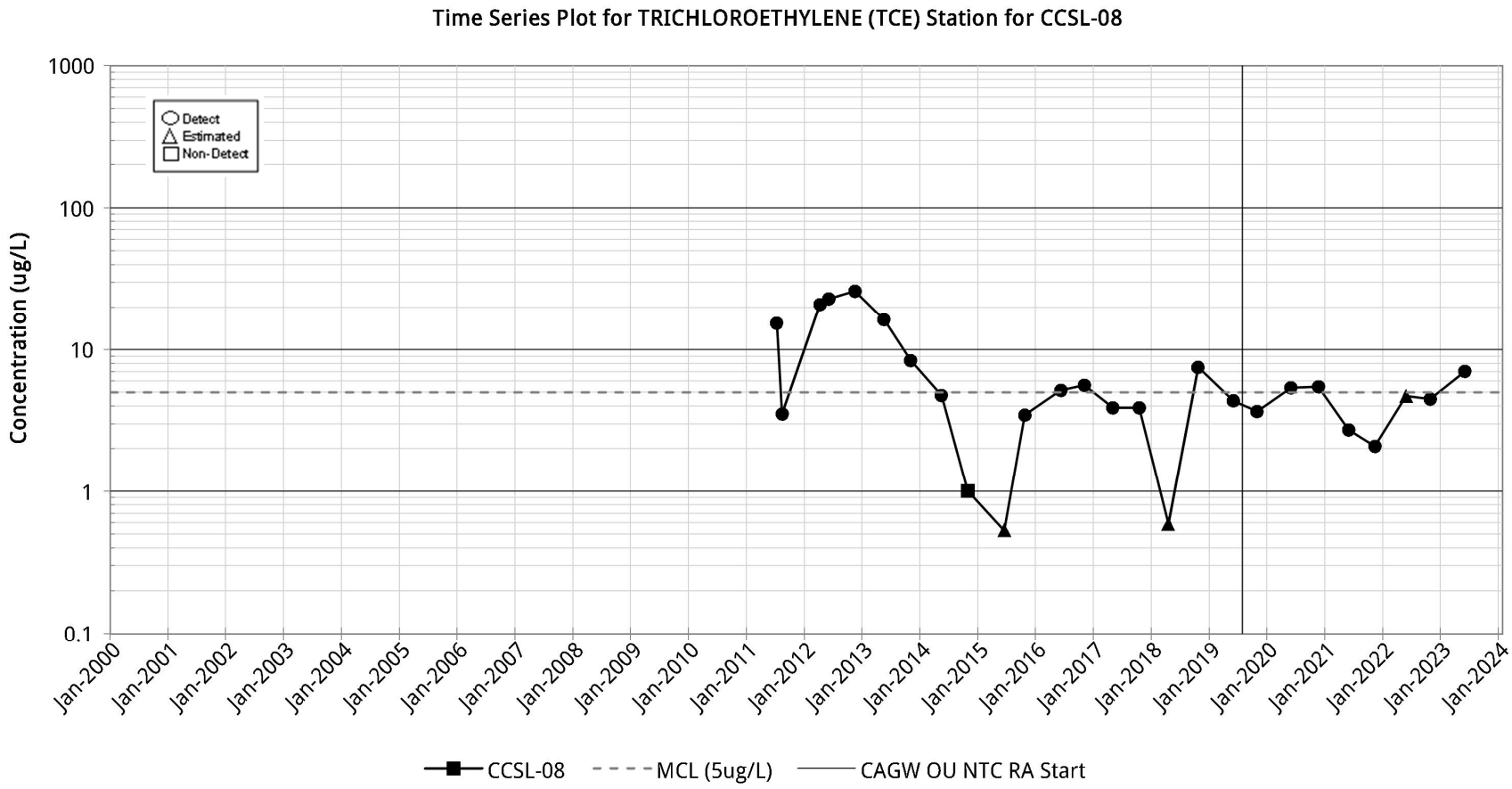

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-08
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-125.

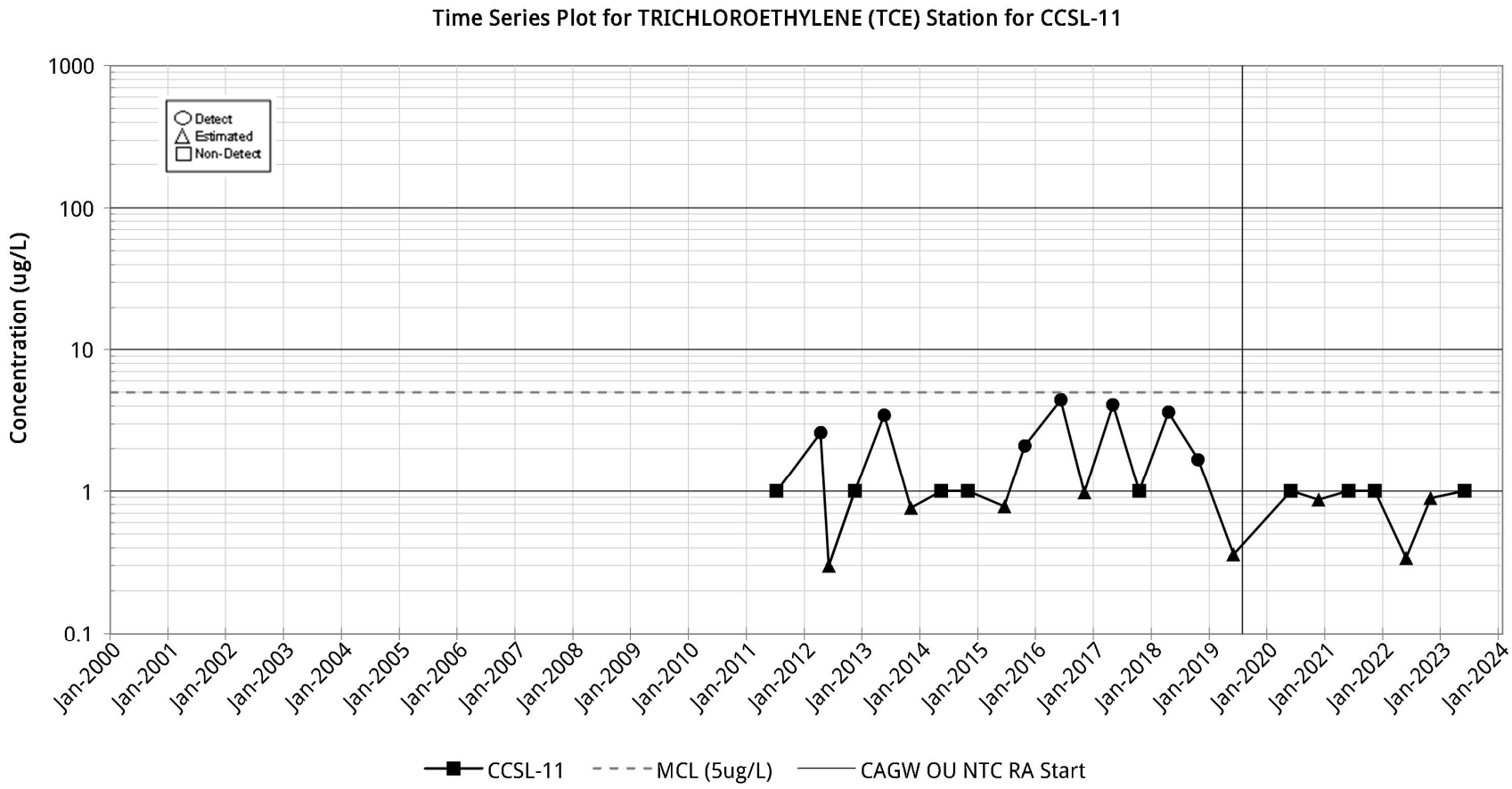

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-11
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-126.

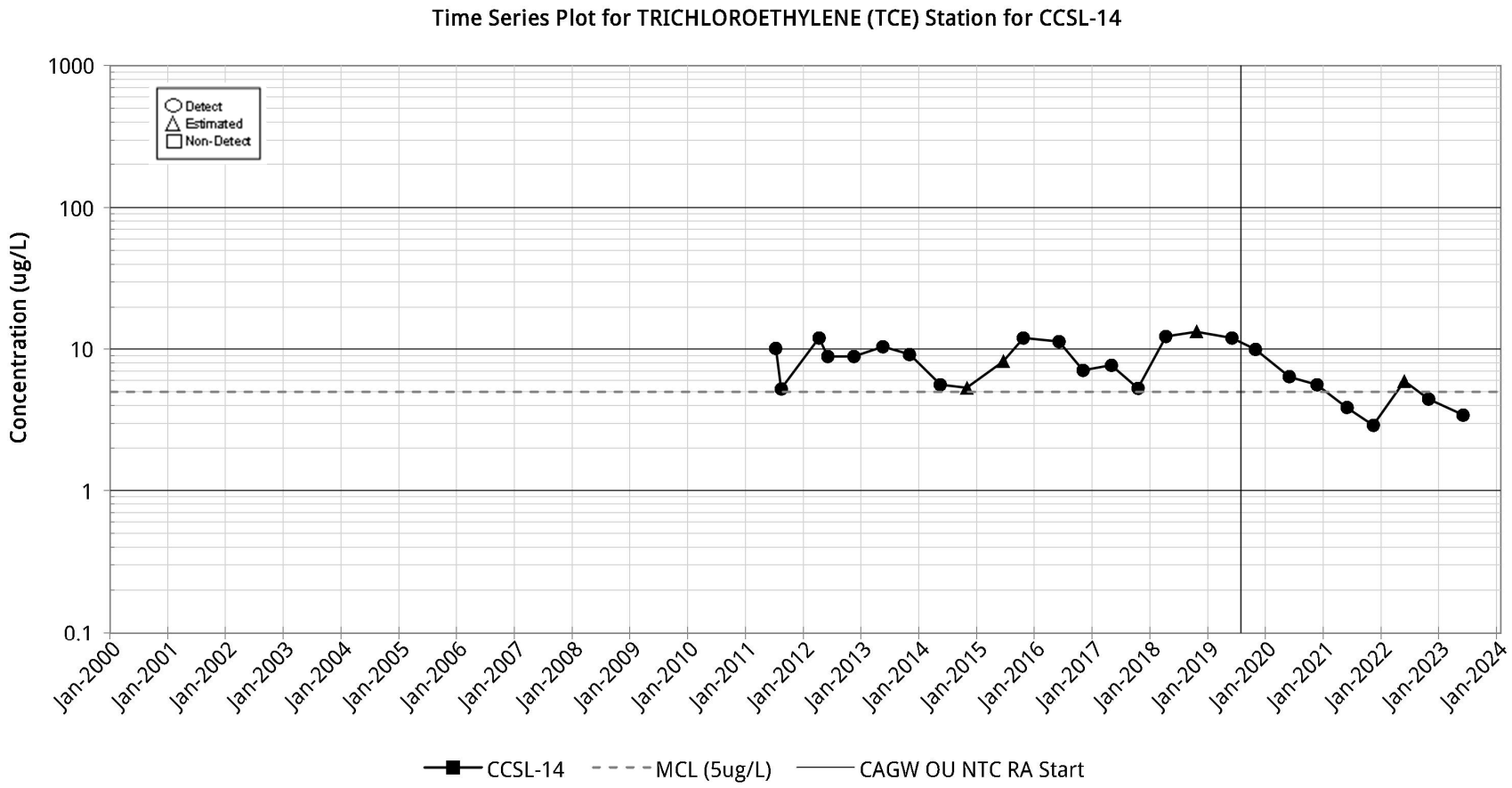

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-14
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-127.

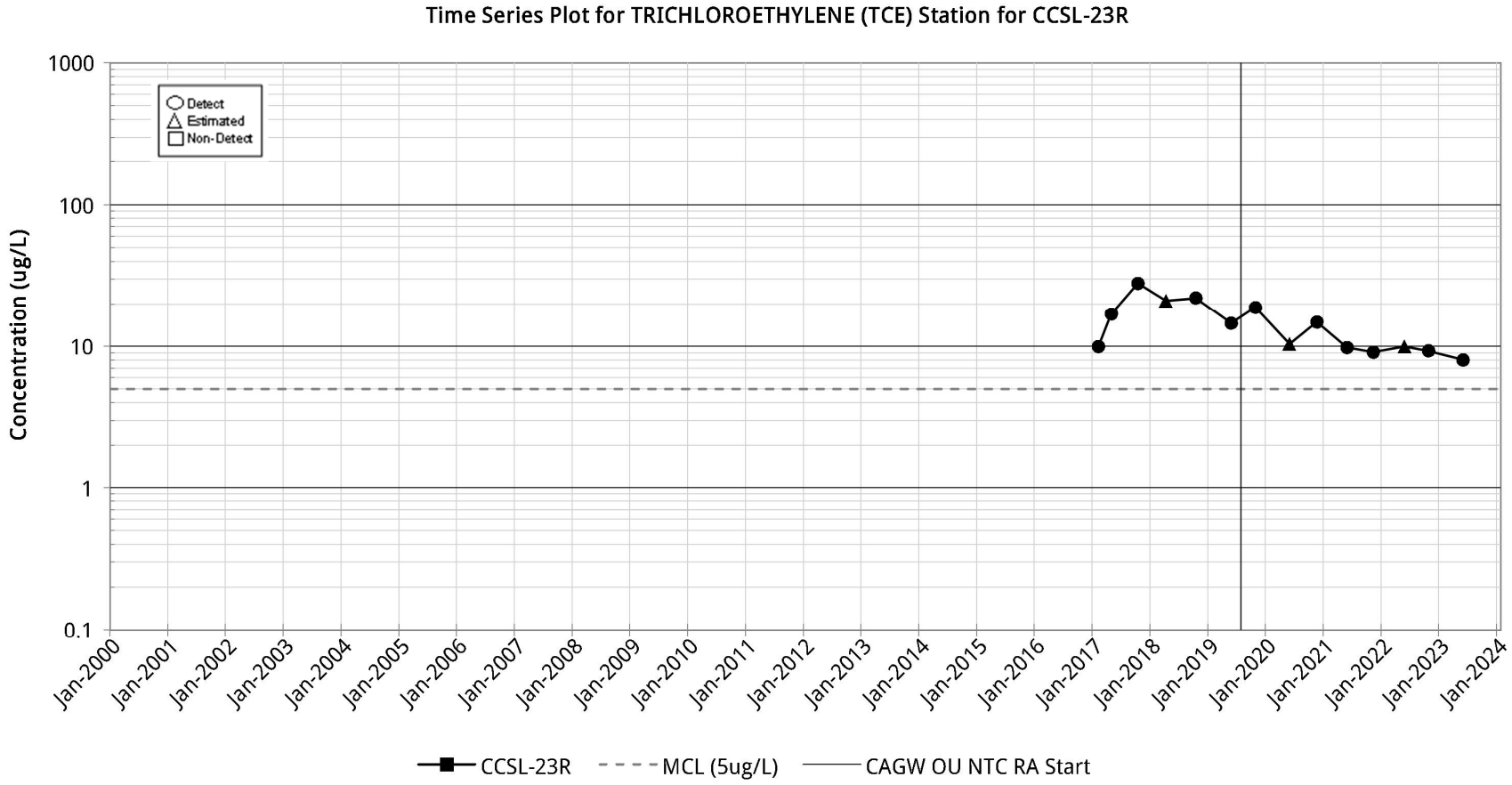

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-23R
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-128.

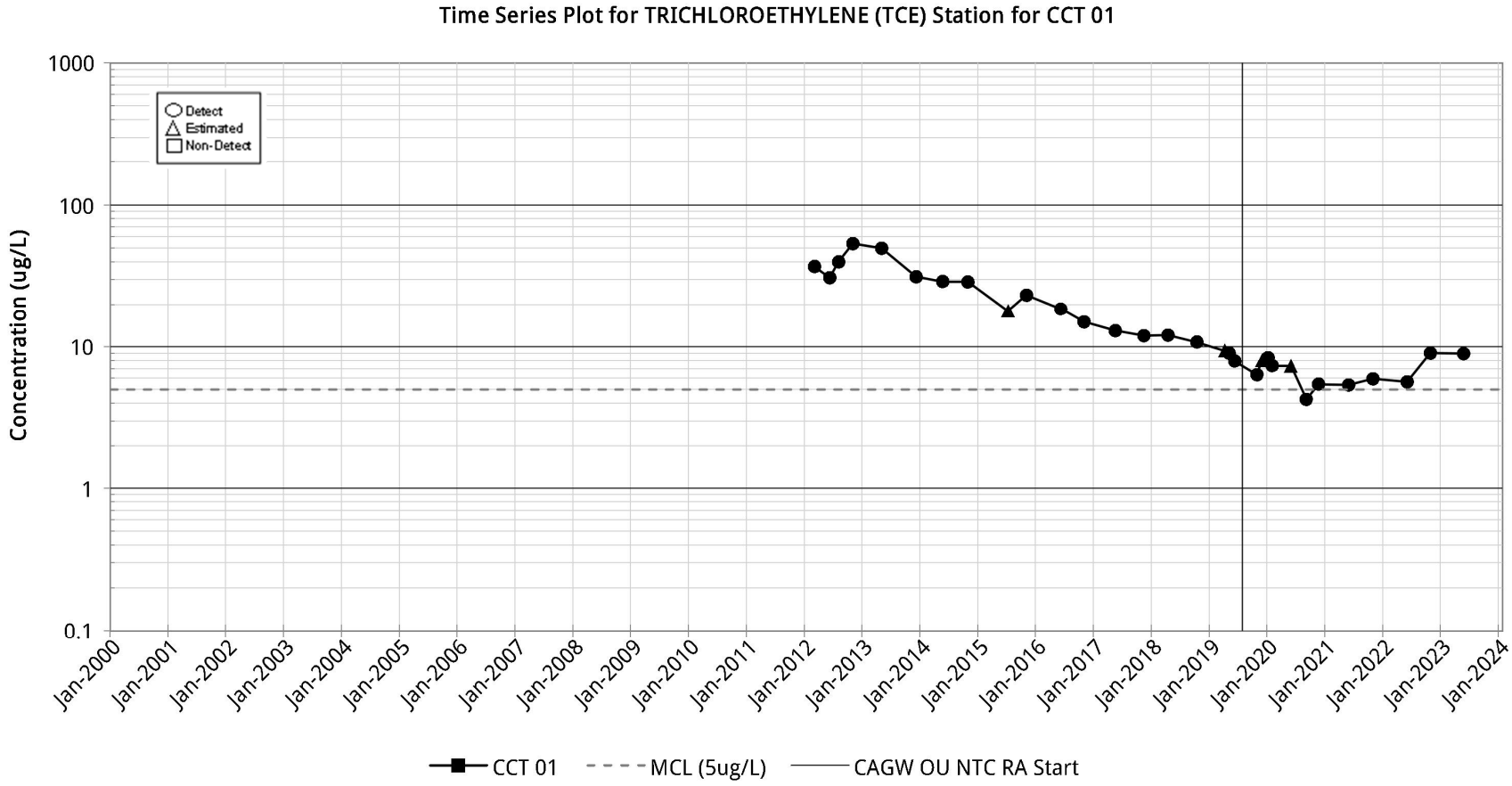

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCT 01
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CCT 01
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-129.

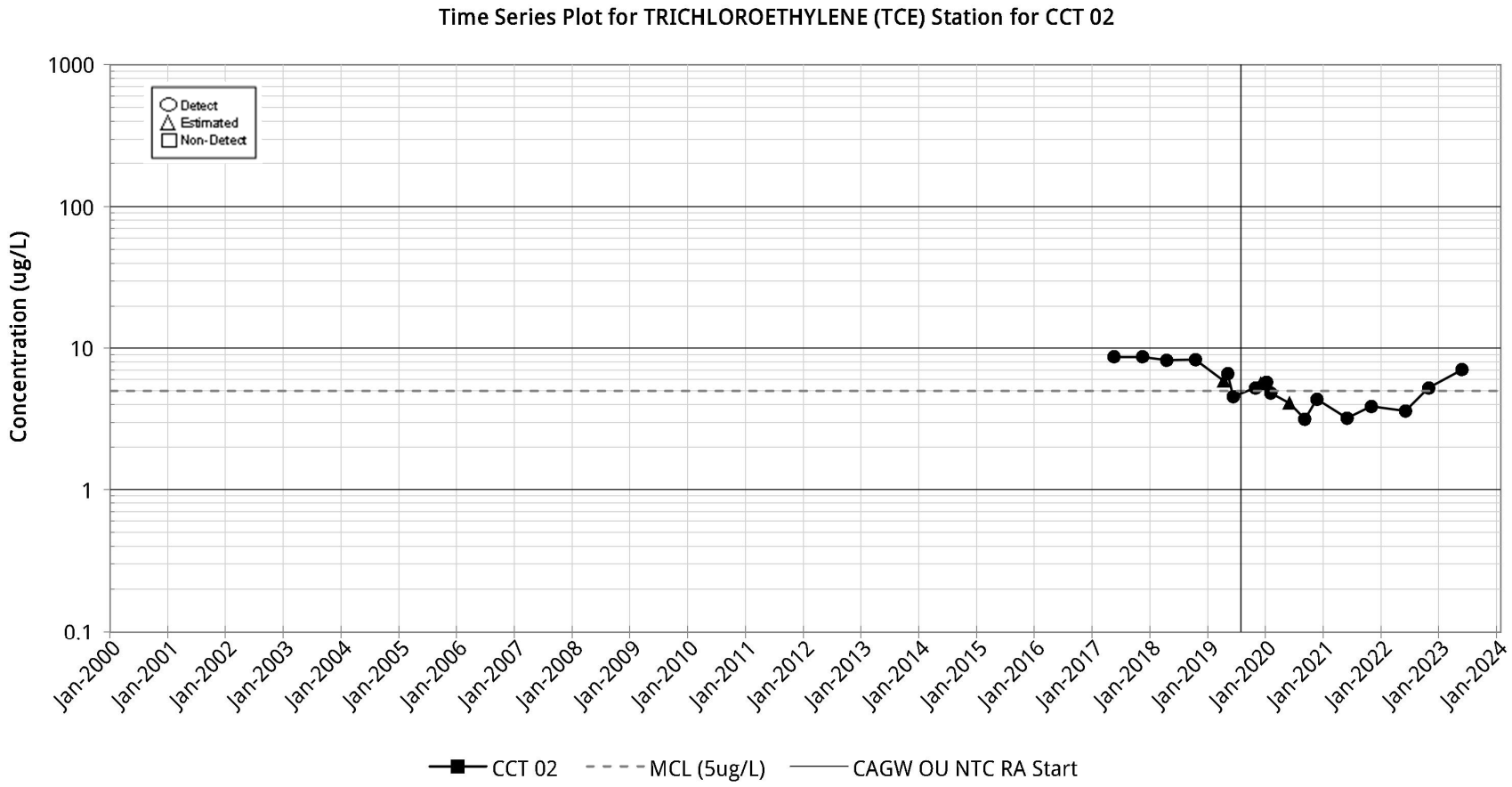

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCT 02
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-130.

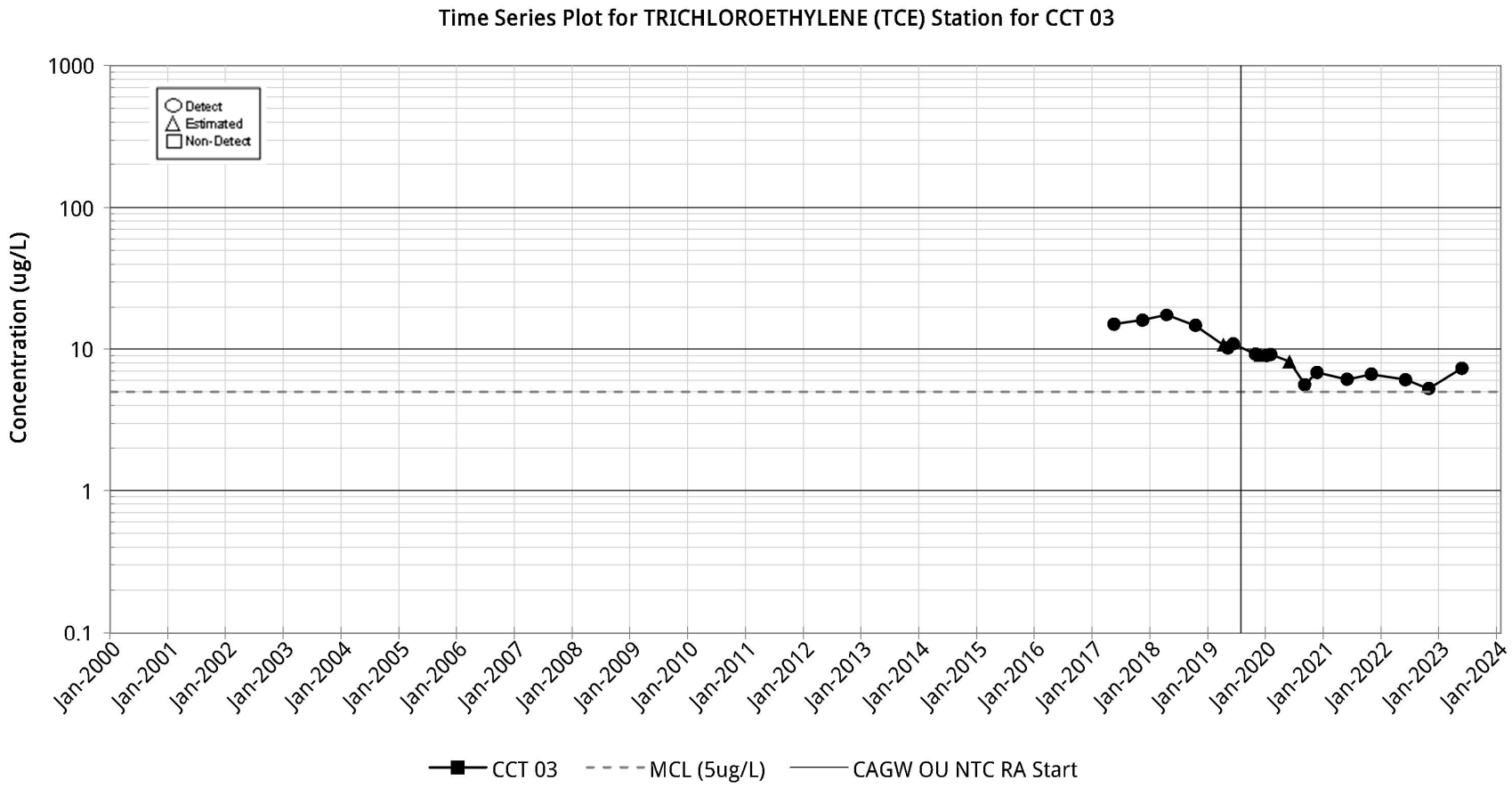

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCT 03
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-131.

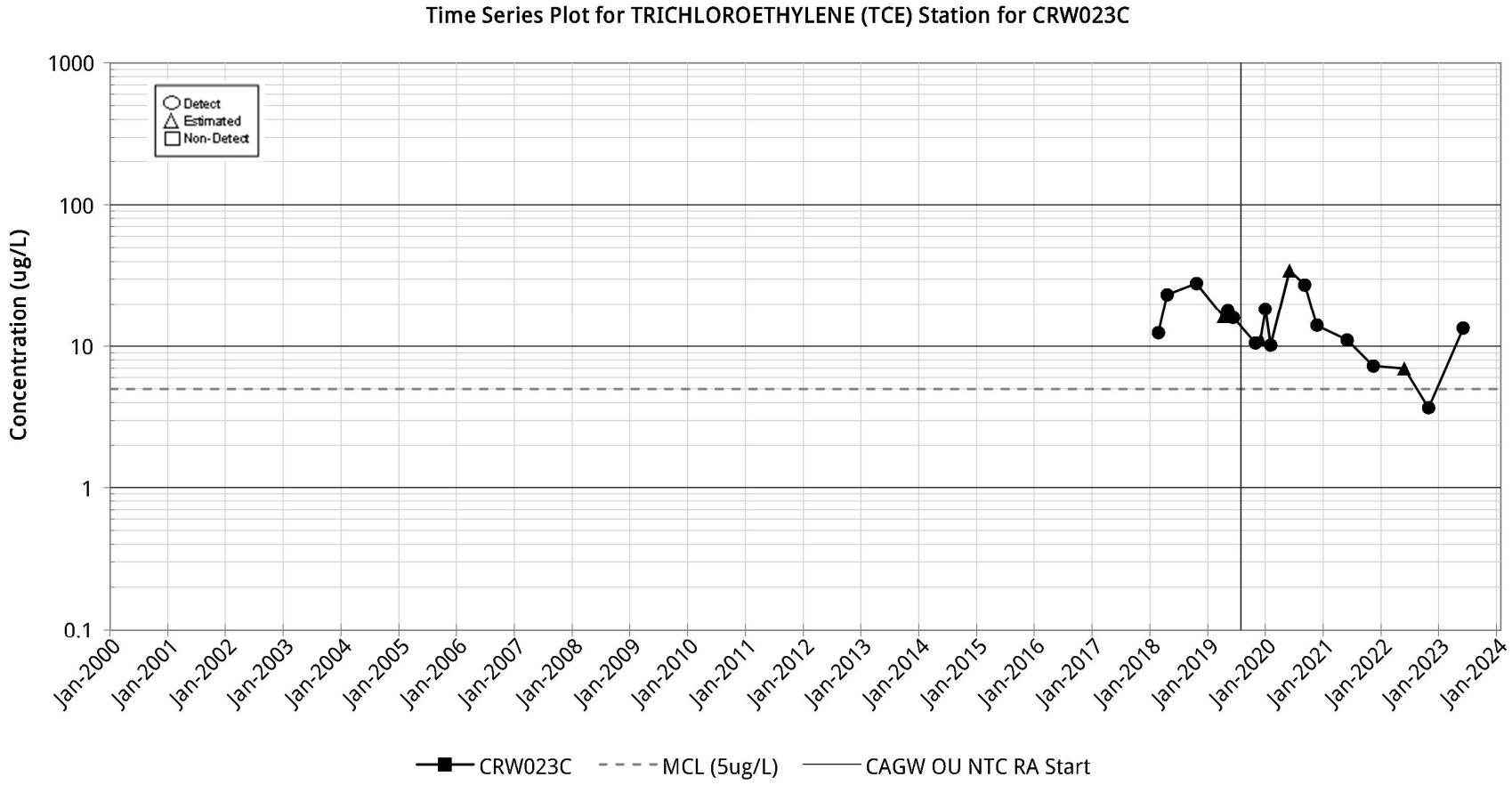

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW023C
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-132.

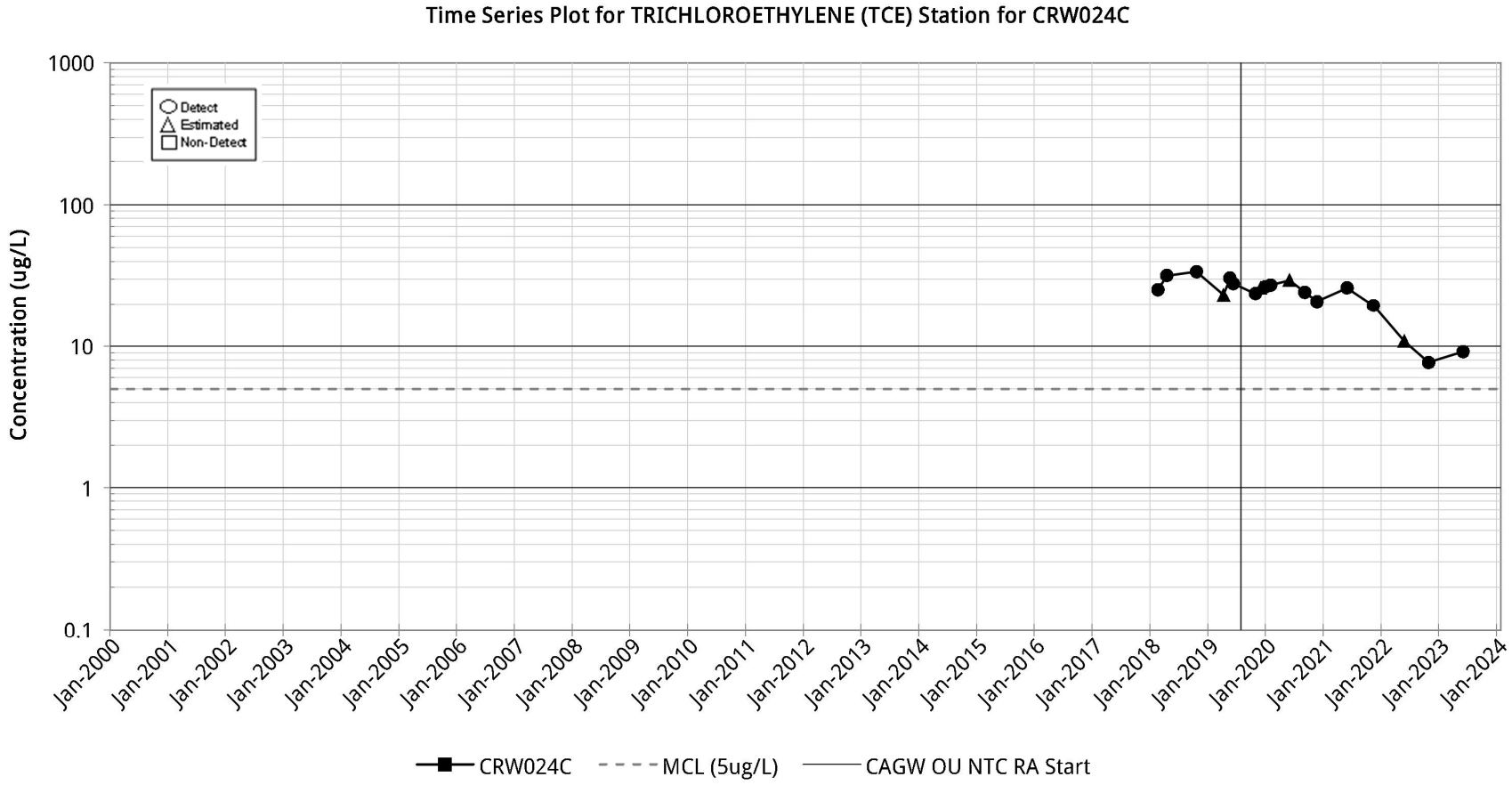

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW024C
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-133.

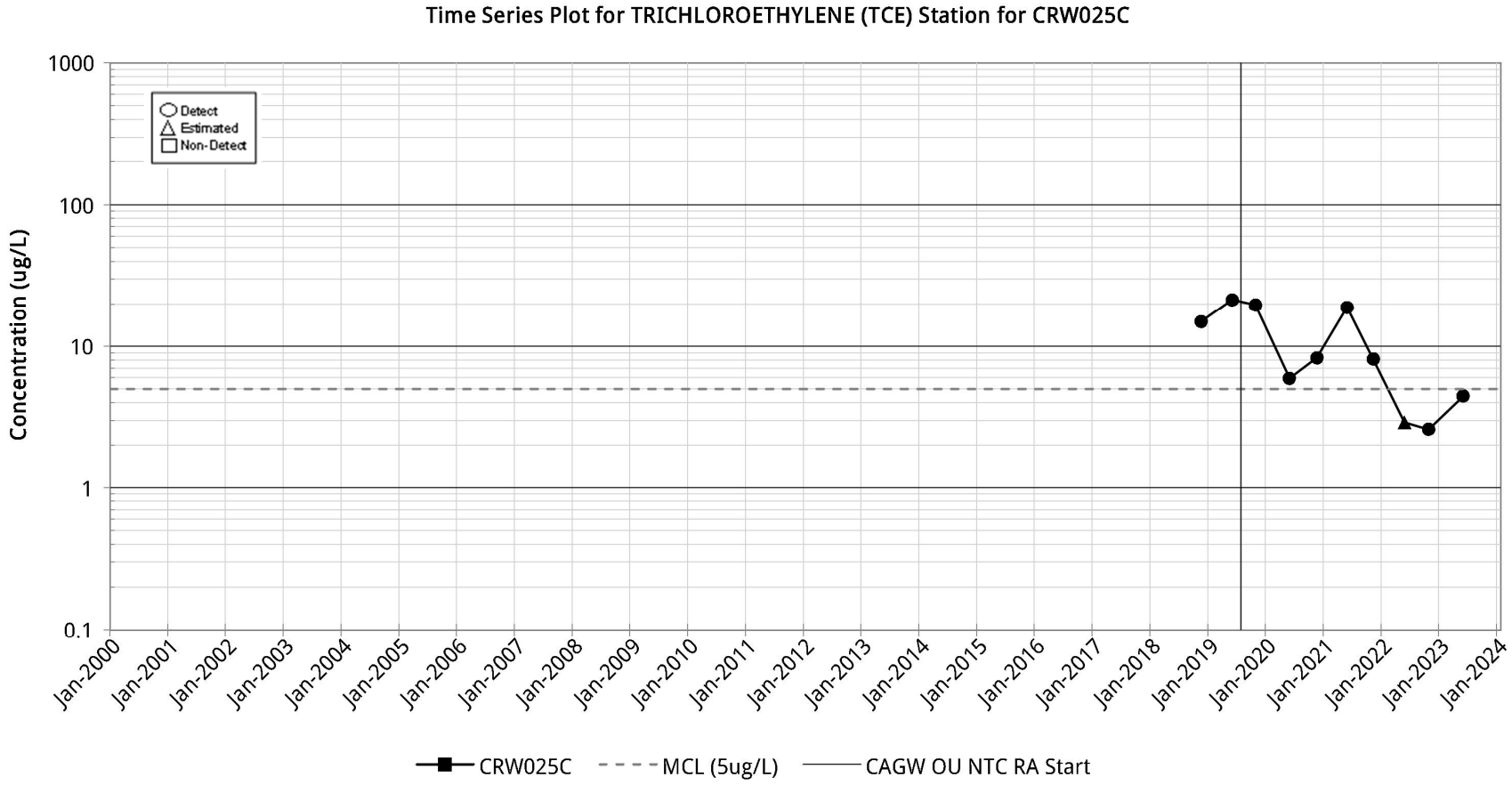

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW025C
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-134.

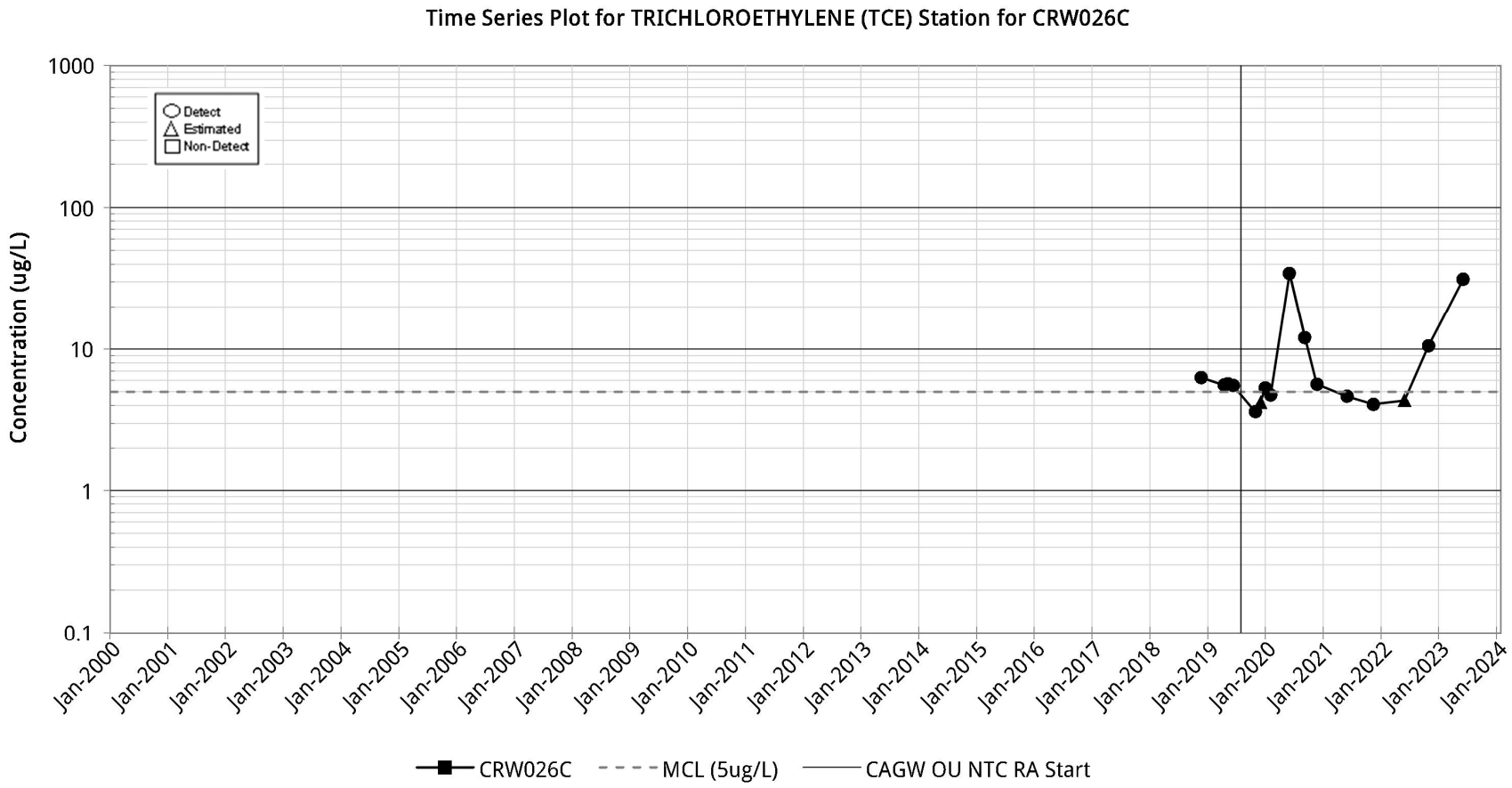

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW026C
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-135.

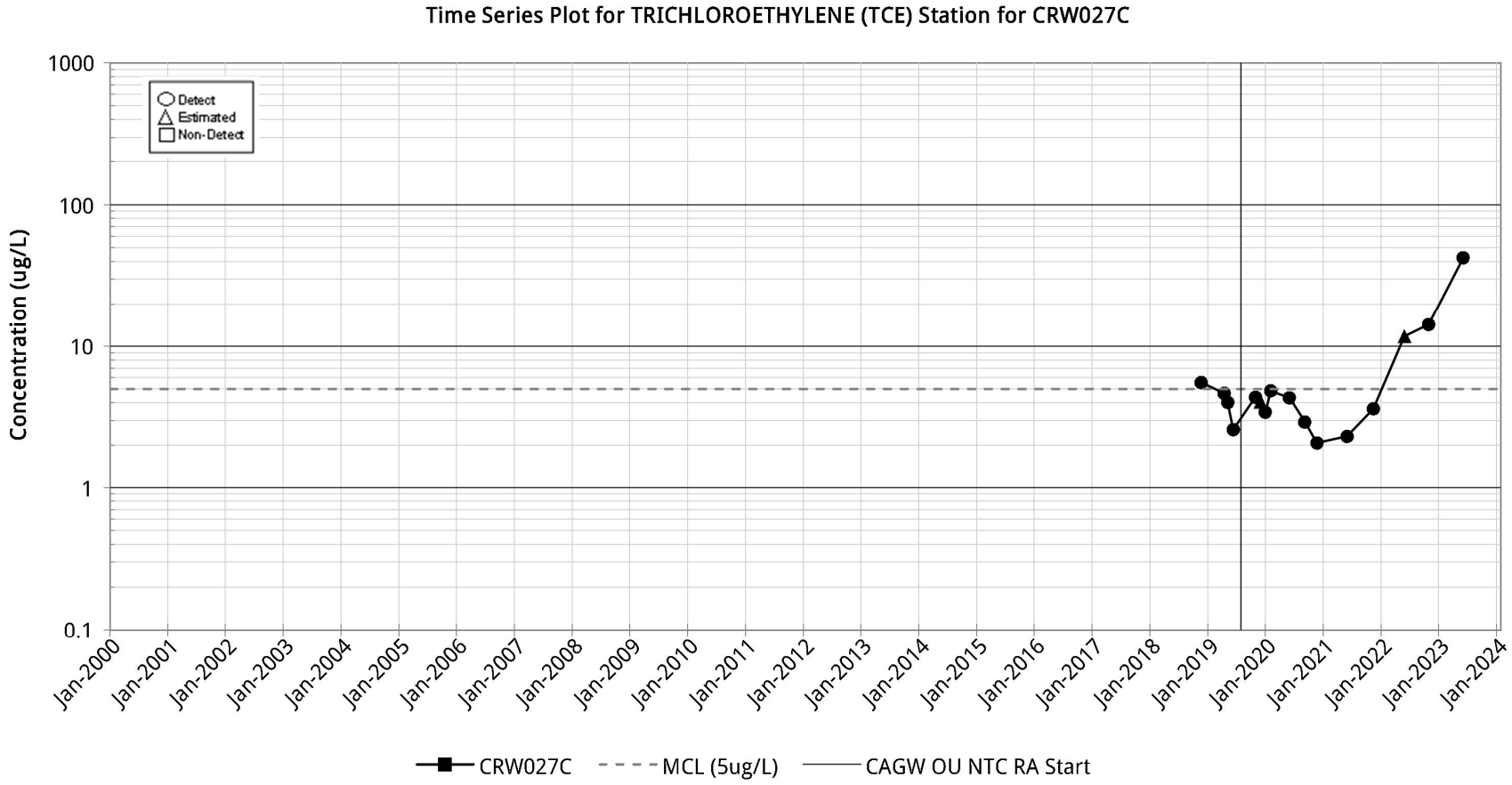

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW027C
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-136.

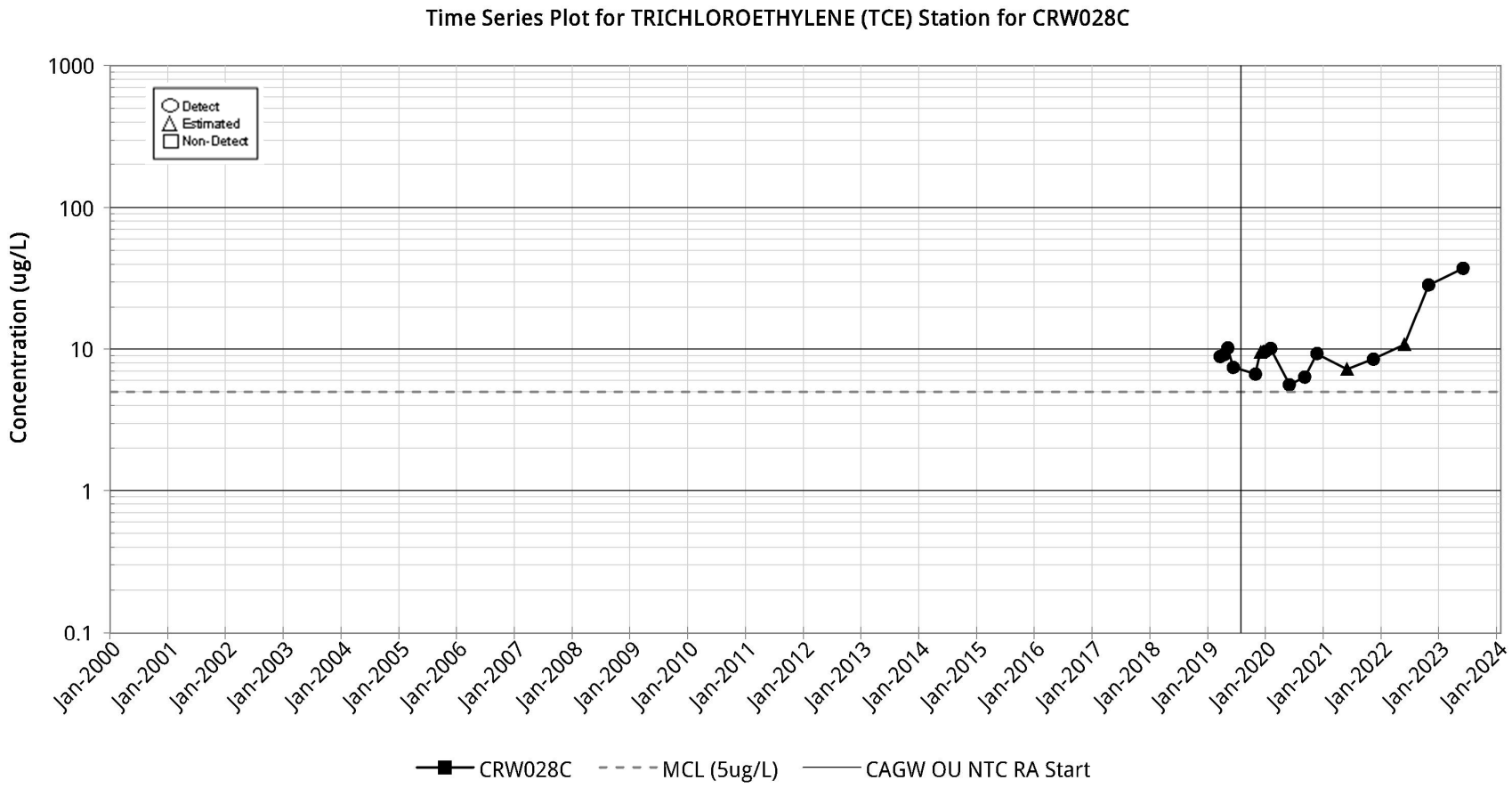

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW028C
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-137.

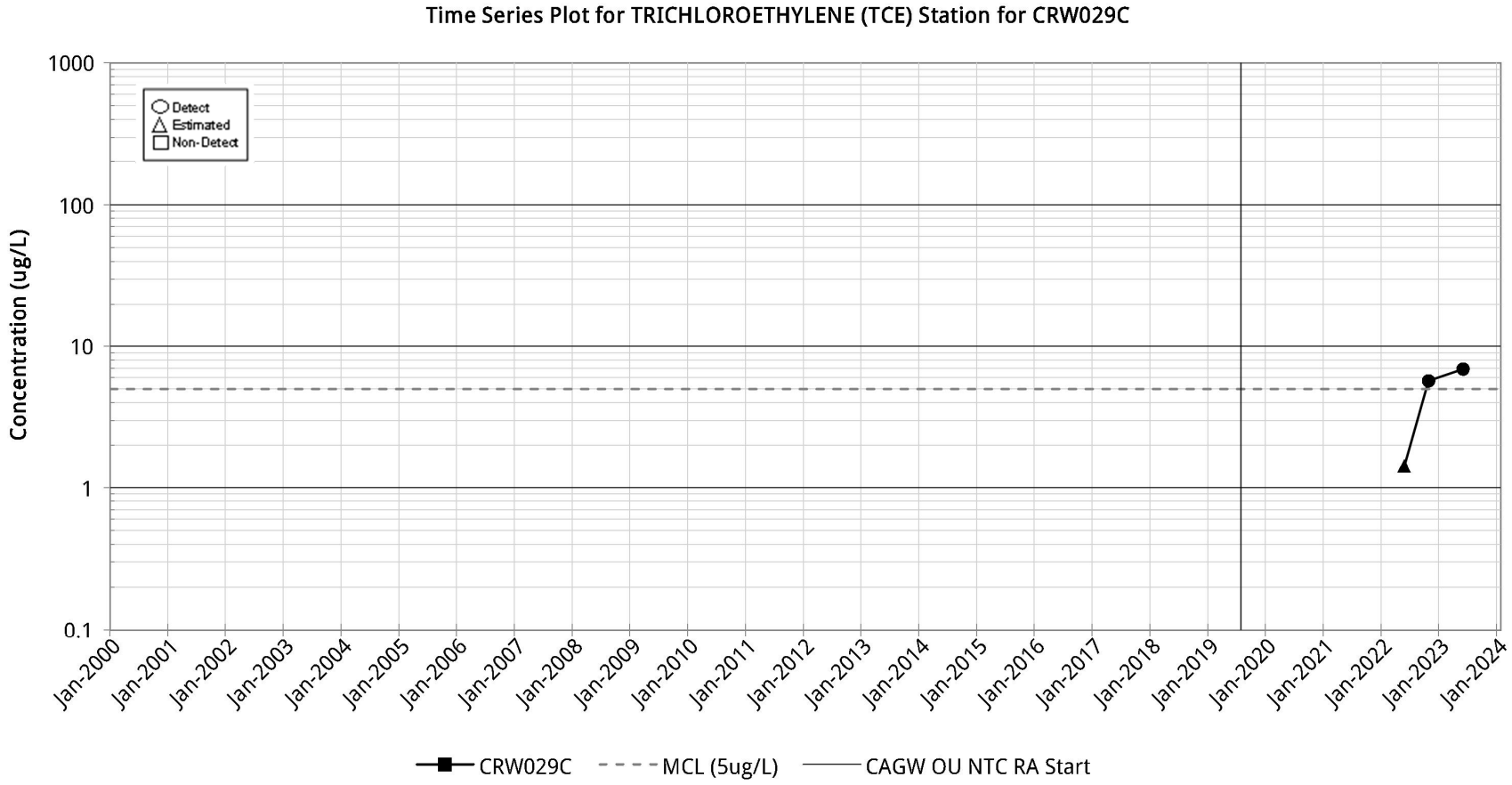

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW029C
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CRW029C
MCL (5ug/L)
CAGW OU NTC RA Start

Figure C-138.

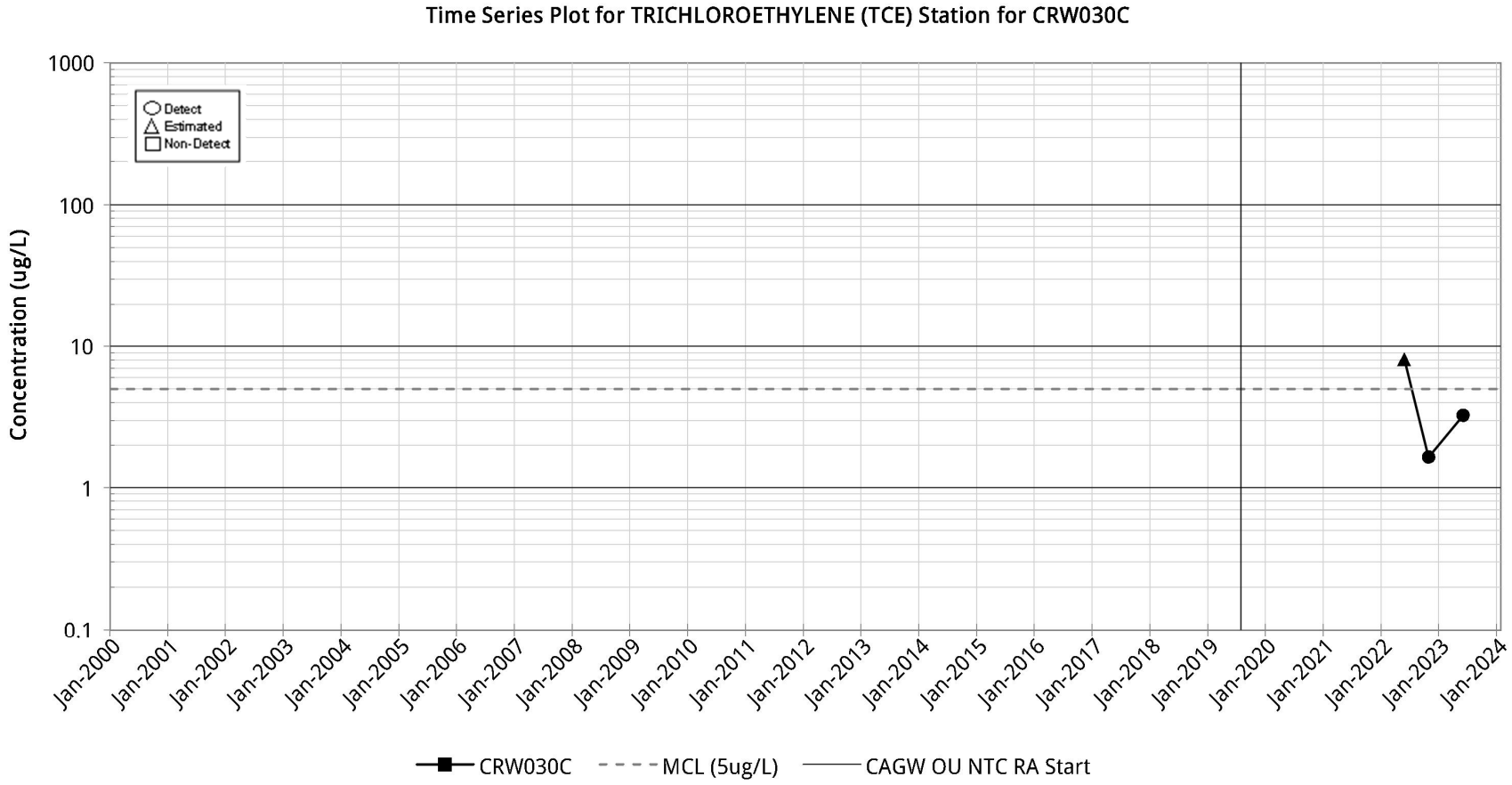

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW030C
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-139.

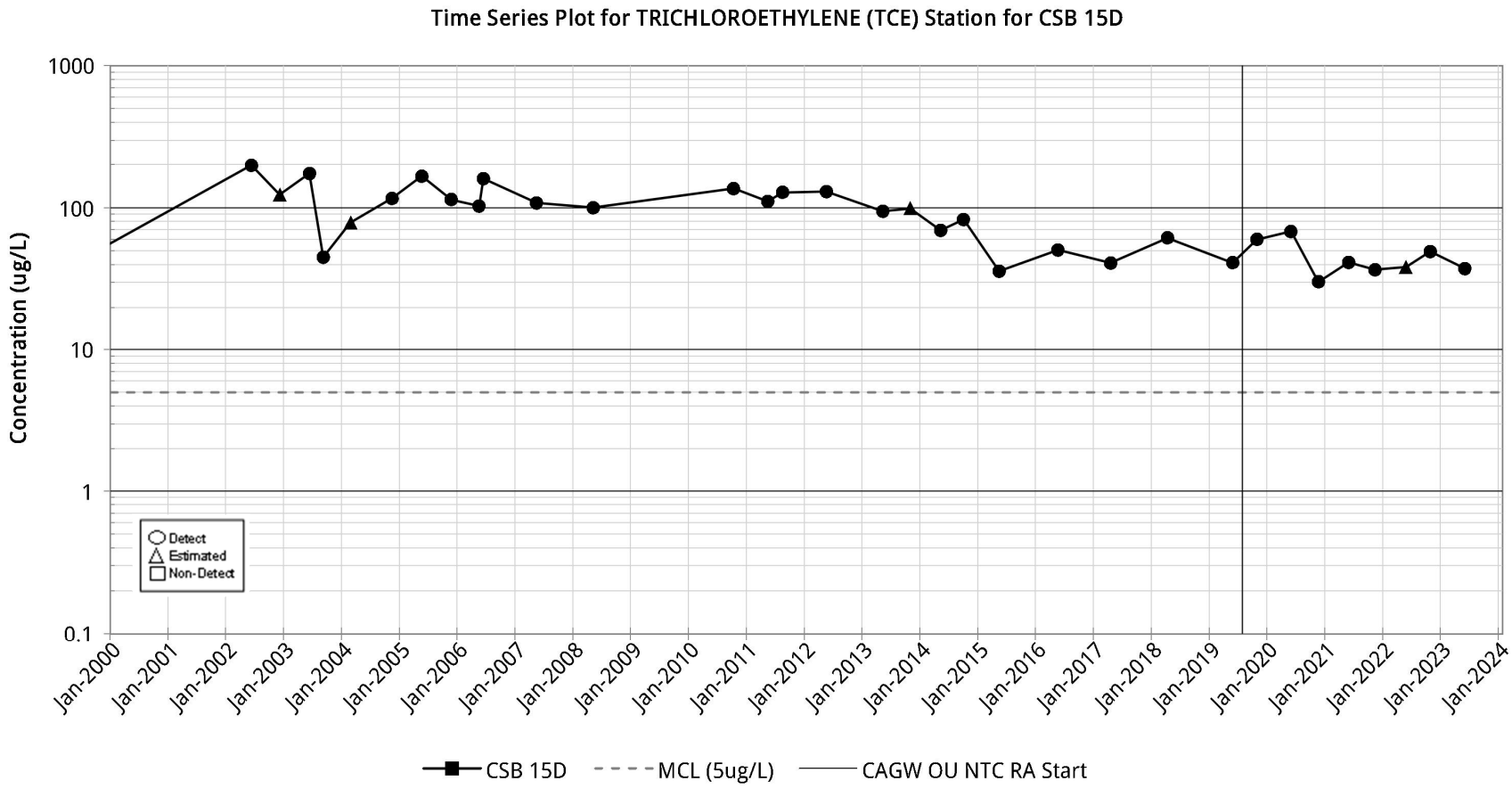

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB 15D
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-140.

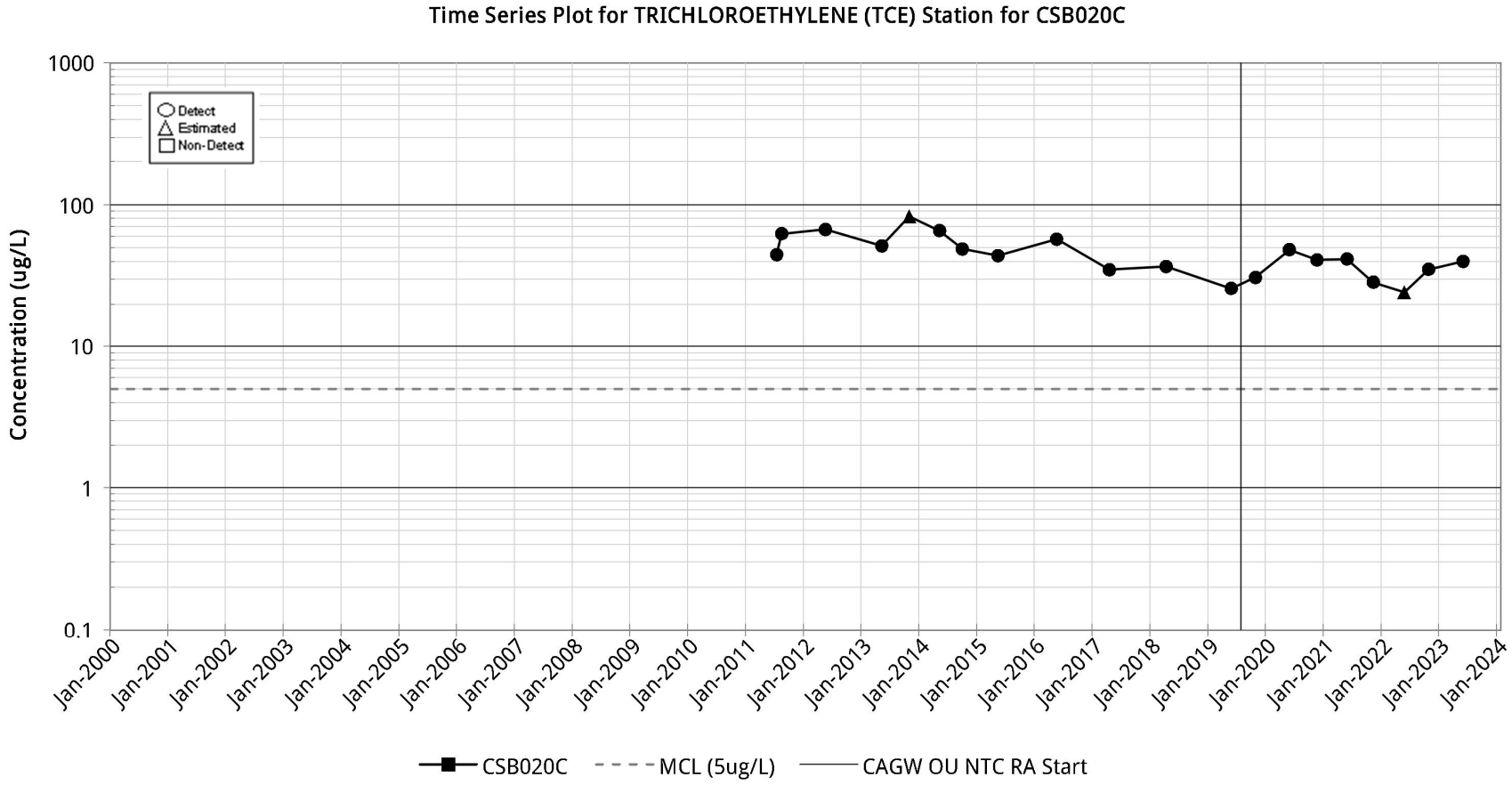

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB020C
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018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

Figure C-141.

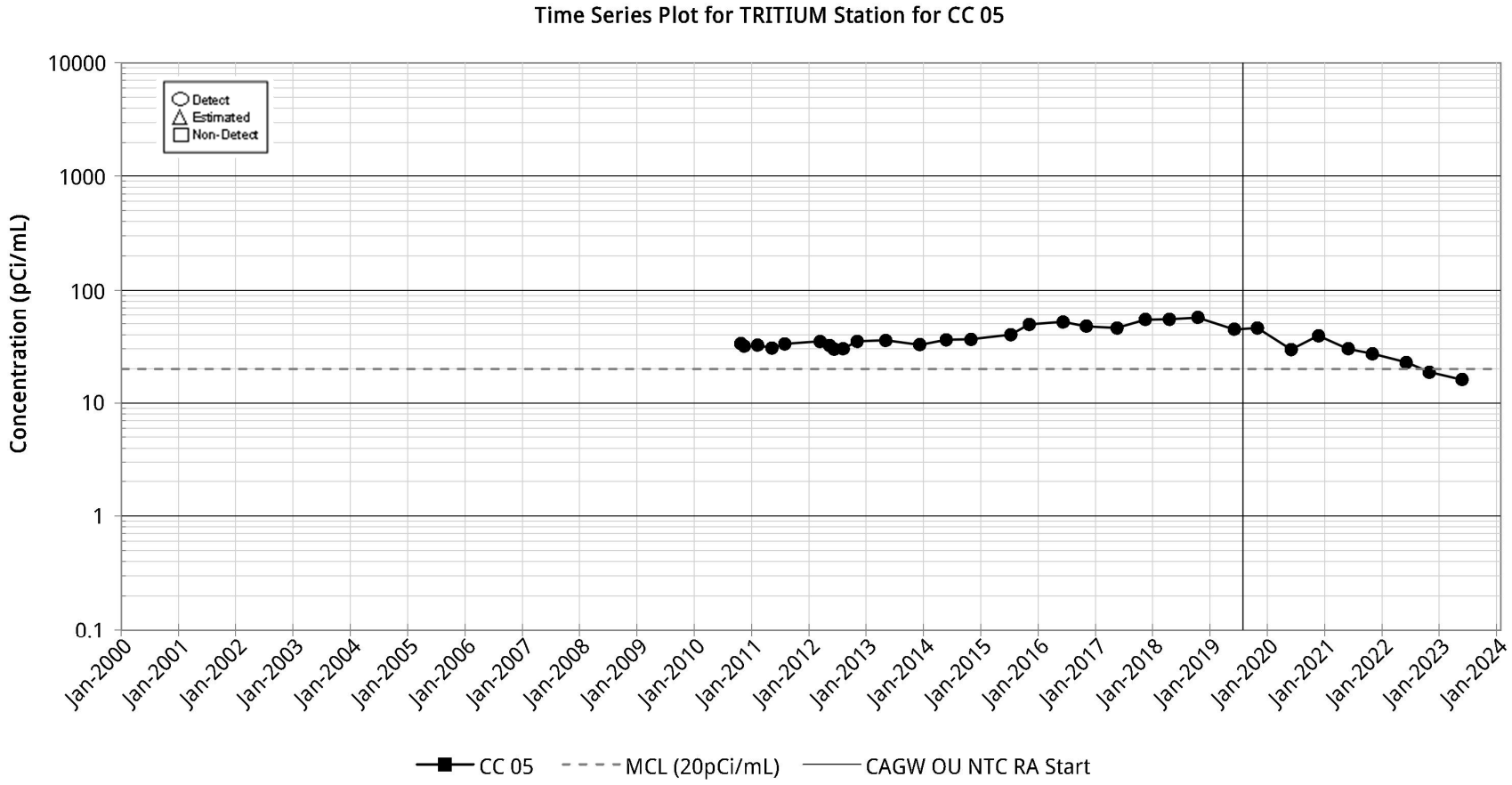

Time Series Plot for TRITIUM Station for CC 05
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-142.

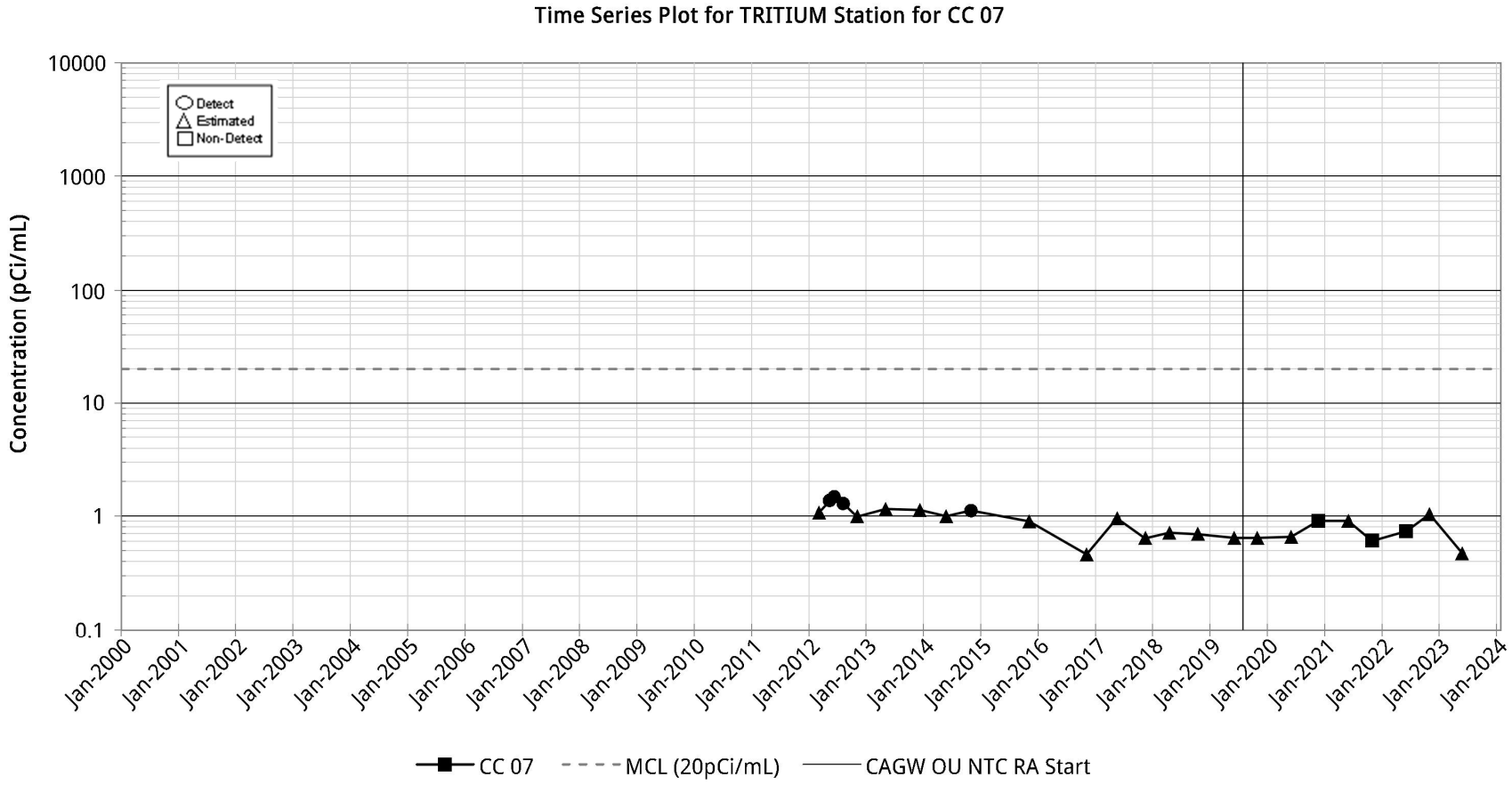

Time Series Plot for TRITIUM Station for CC 07
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-143.

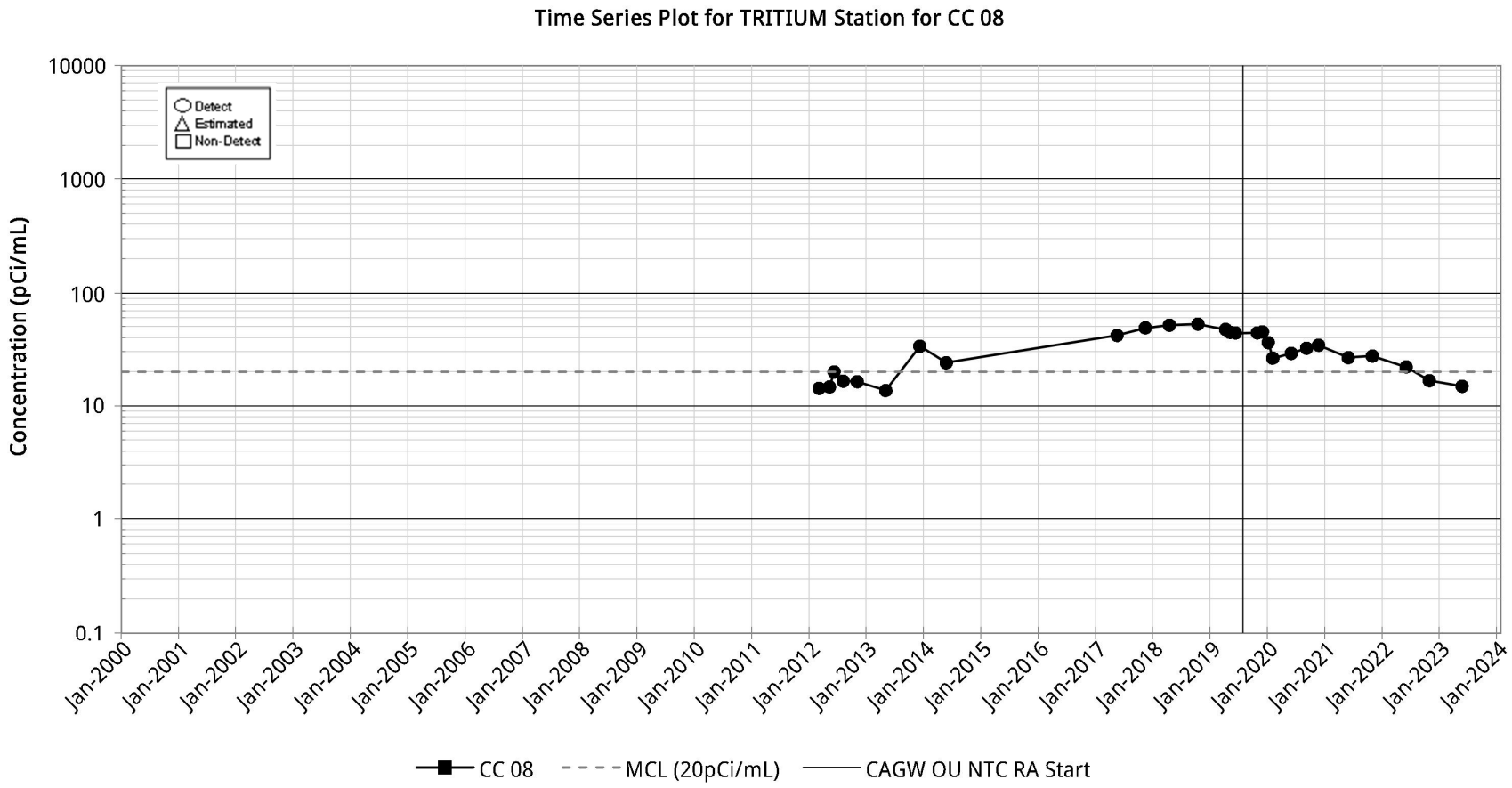

Time Series Plot for TRITIUM Station for CC 08
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-144.

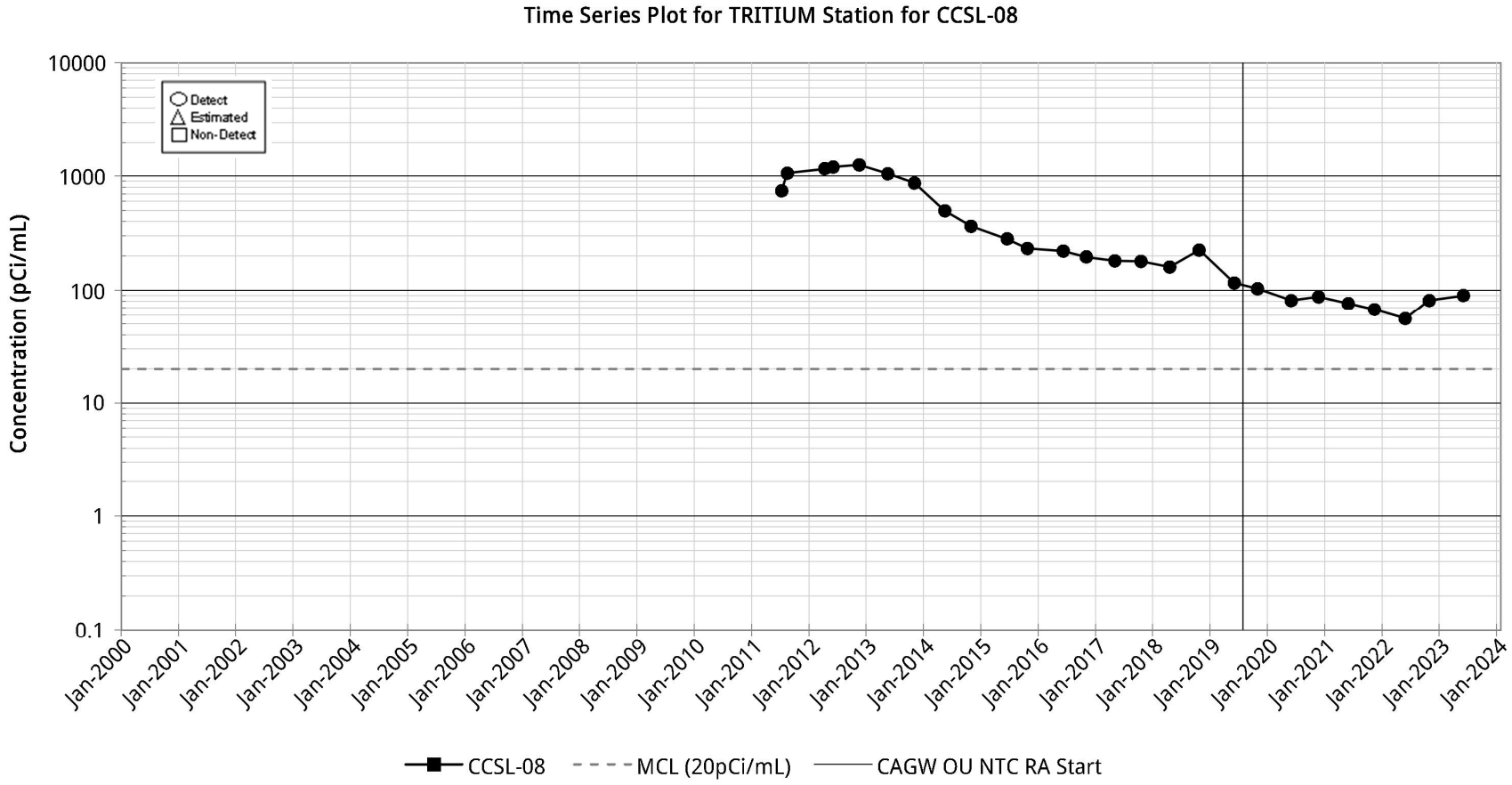

Time Series Plot for TRITIUM Station for CCSL-08
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-145.

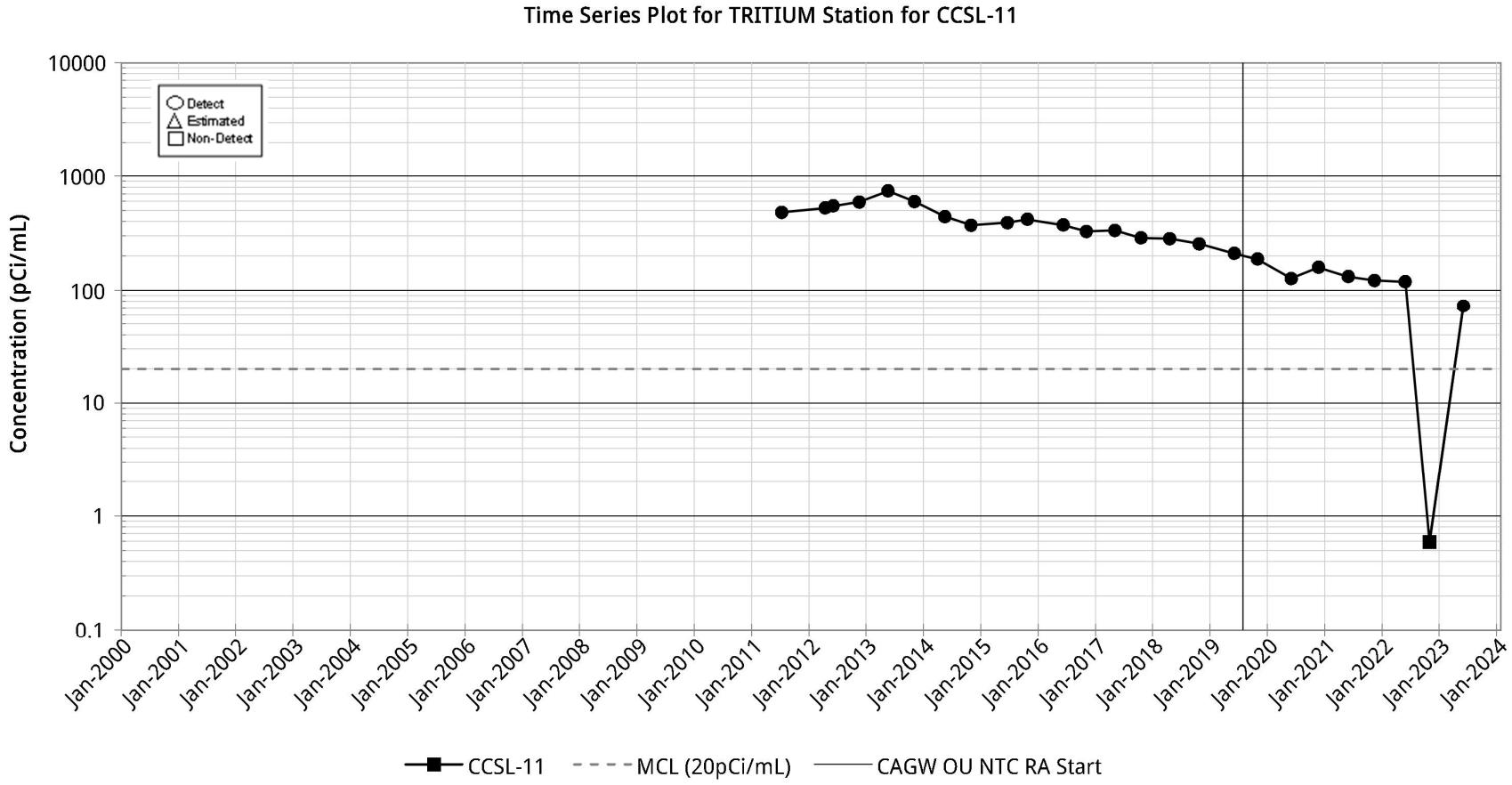

Time Series Plot for TRITIUM Station for CCSL-11
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-146.

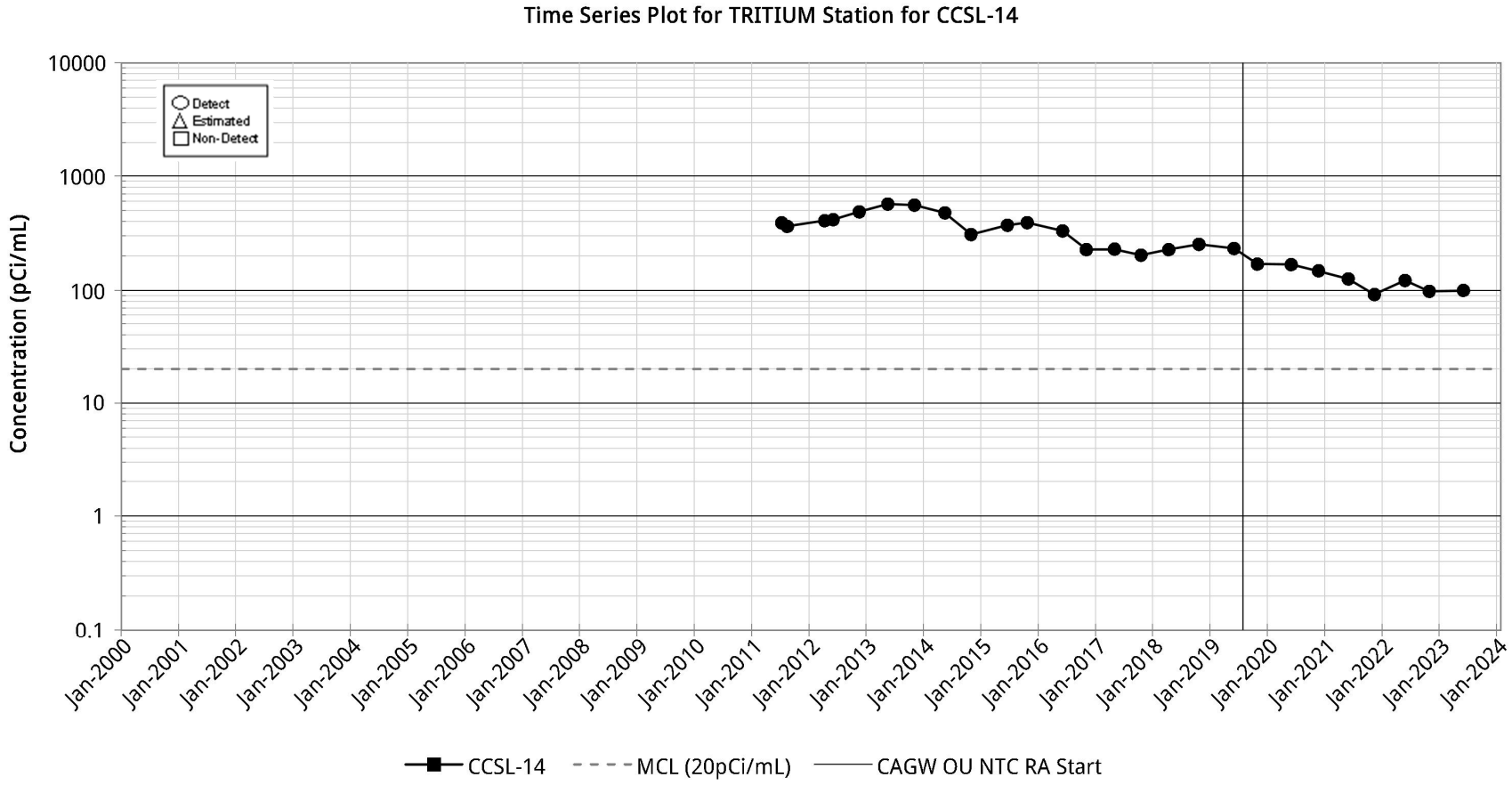

Time Series Plot for TRITIUM Station for CCSL-14
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-147.

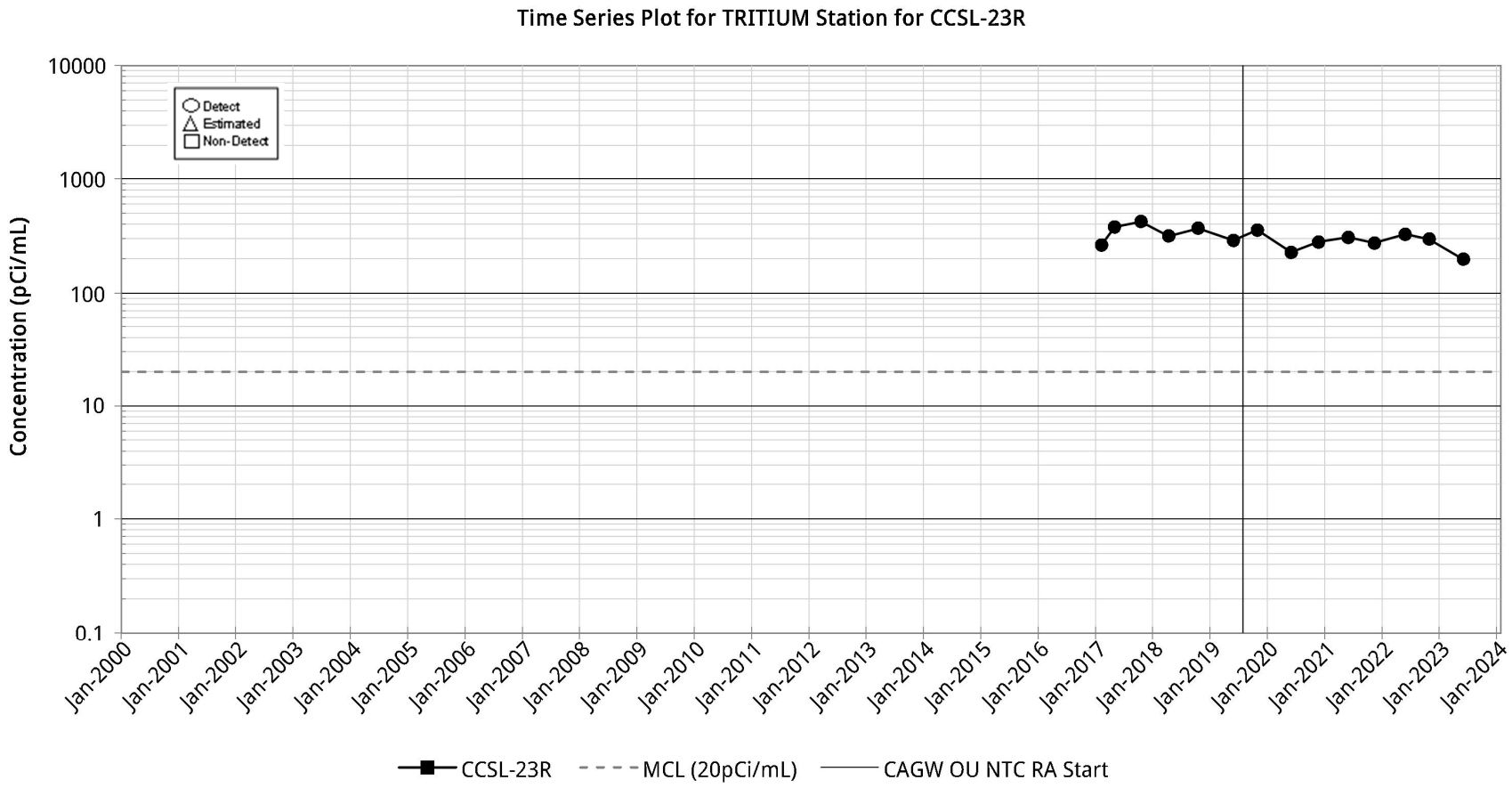

Time Series Plot for TRITIUM Station for CCSL-23R
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-148.

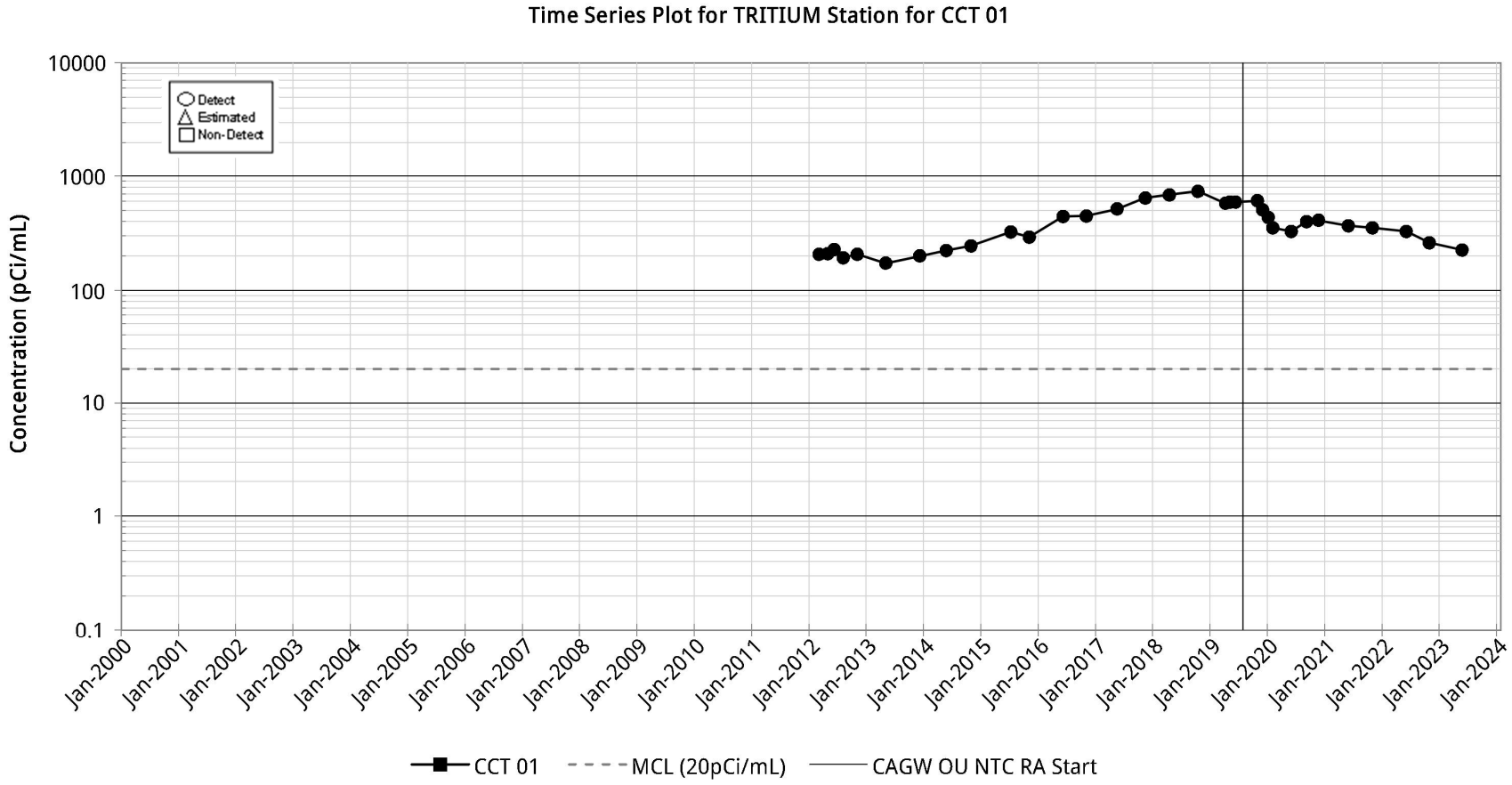

Time Series Plot for TRITIUM Station for CCT 01
Detect
Estimated
Non-Detect
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-149.

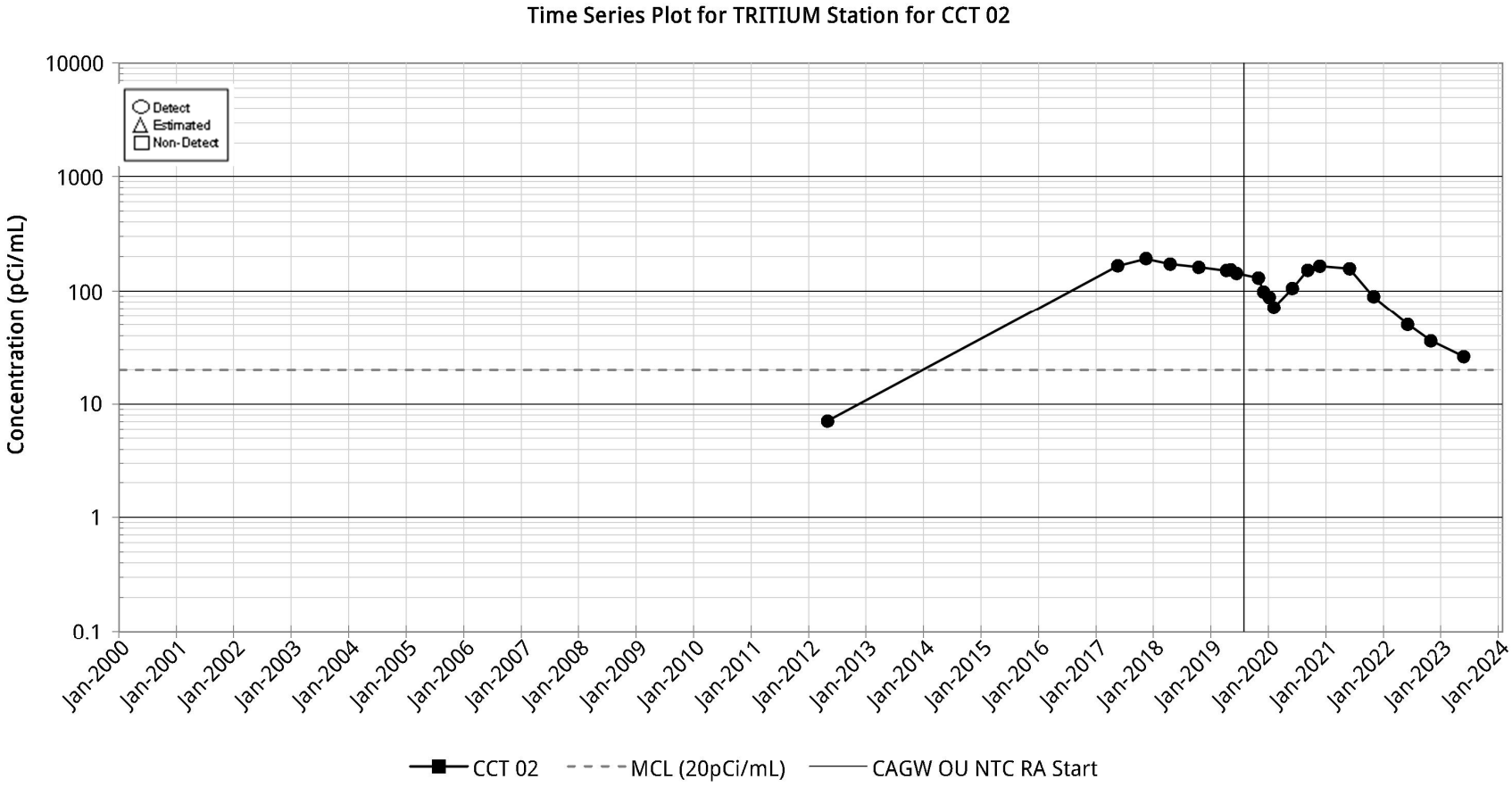

Time Series Plot for TRITIUM Station for CCT 02
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-150.

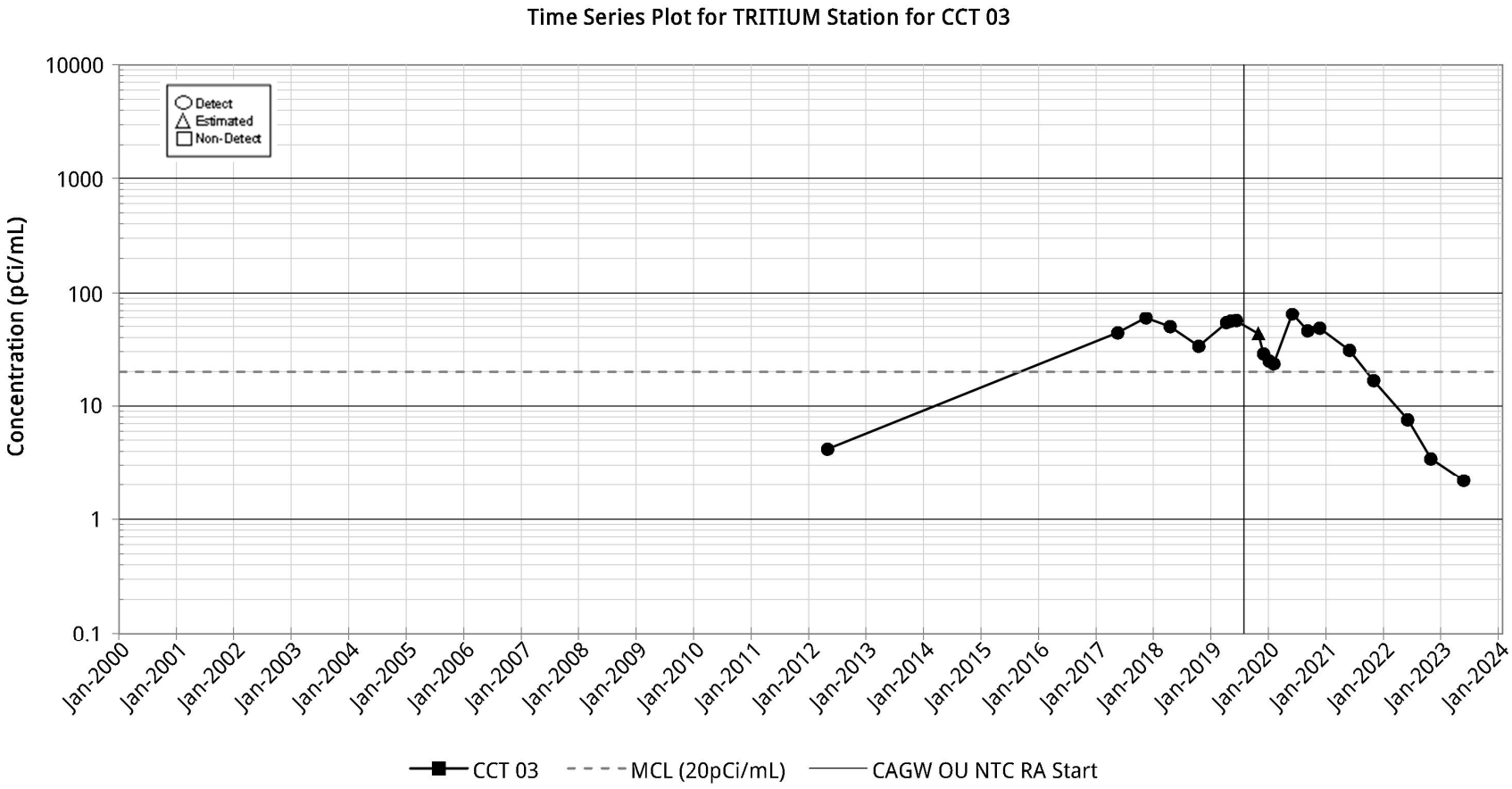

Time Series Plot for TRITIUM Station for CCT 03
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
CCT 03
MCL (20pCi/mL)
CAGW OU NTC RA Start

Figure C-151.

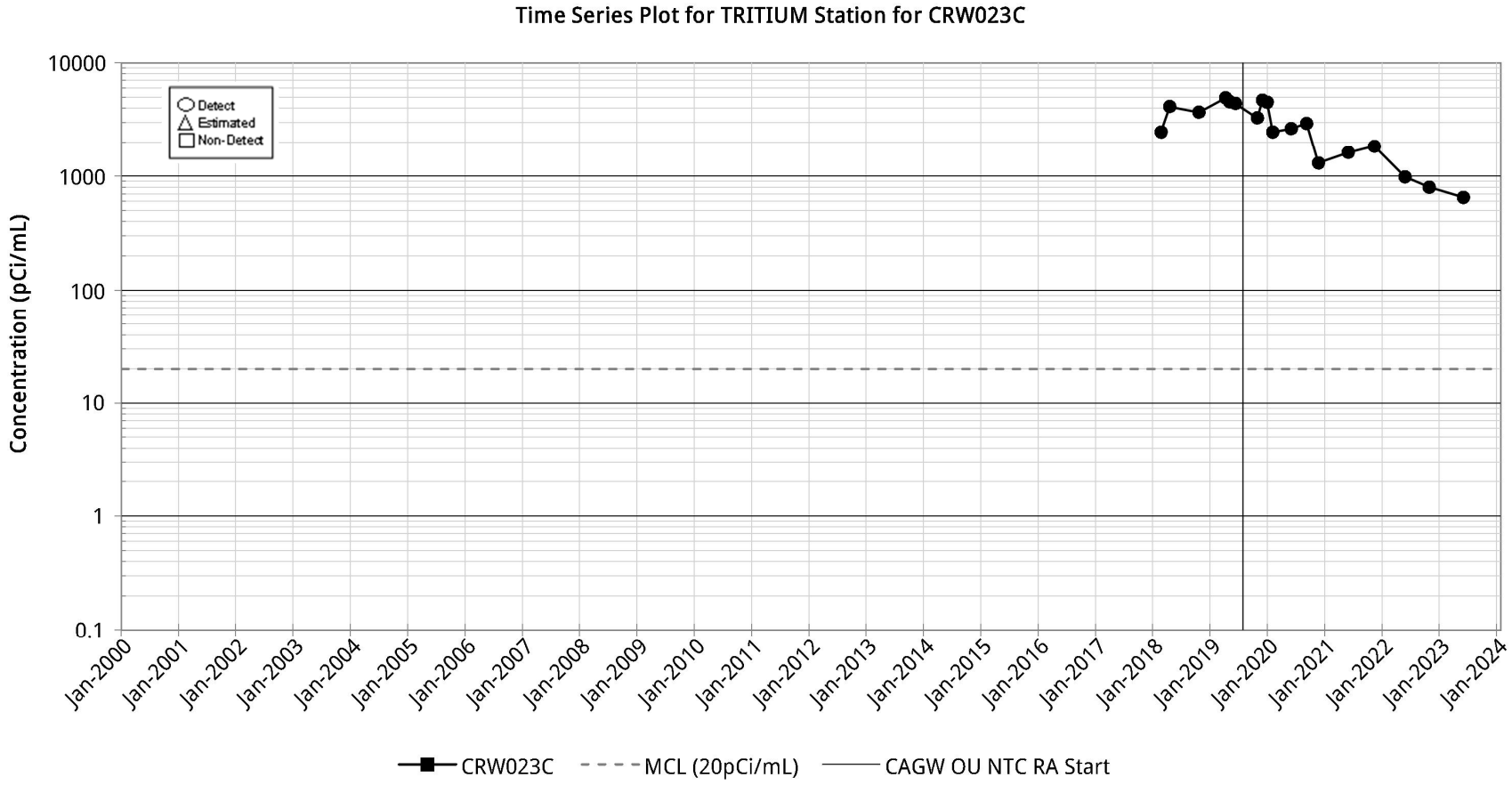

Time Series Plot for TRITIUM Station for CRW023C
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-152.

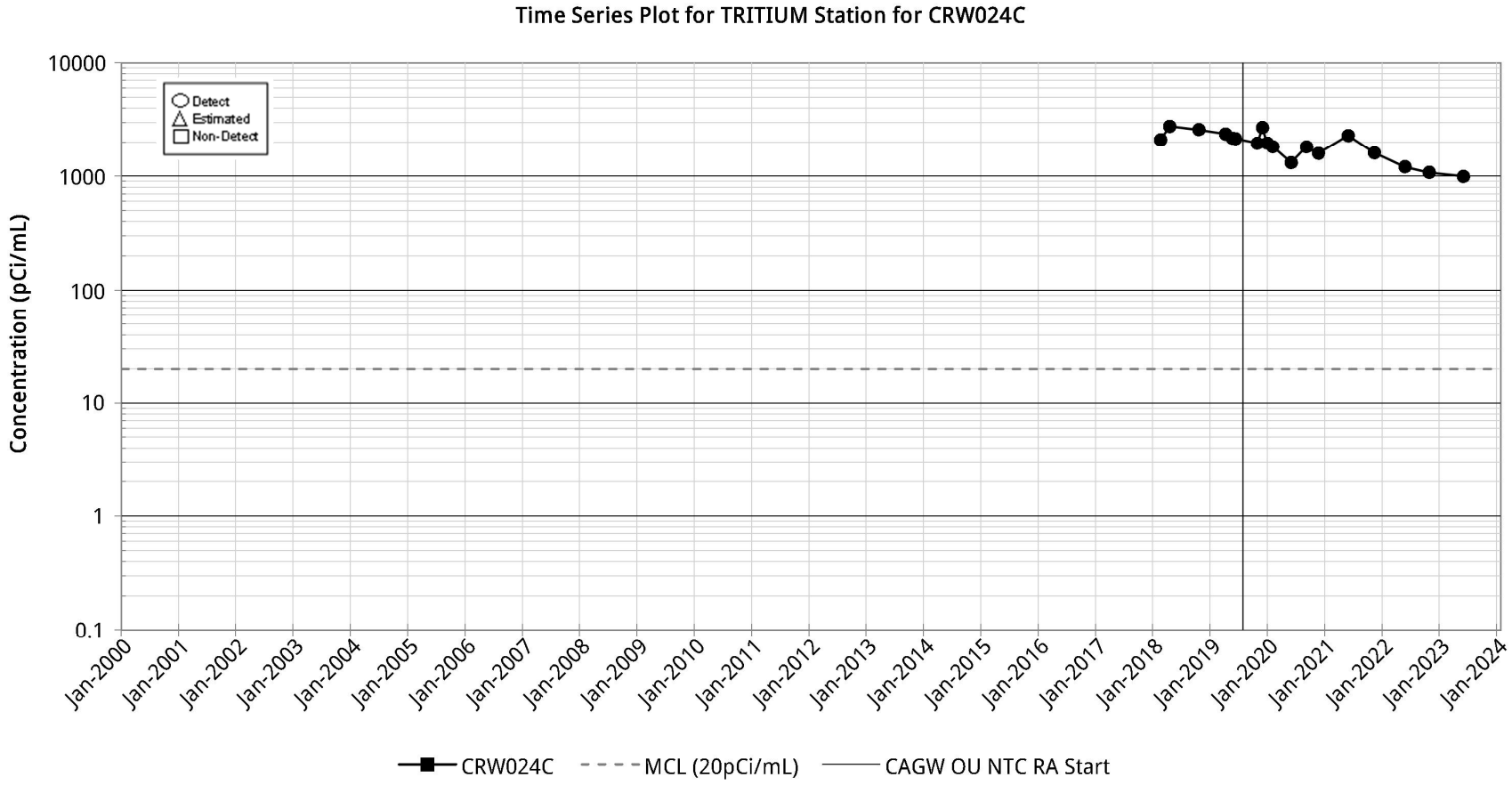

Time Series Plot for TRITIUM Station for CRW024C
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-153.

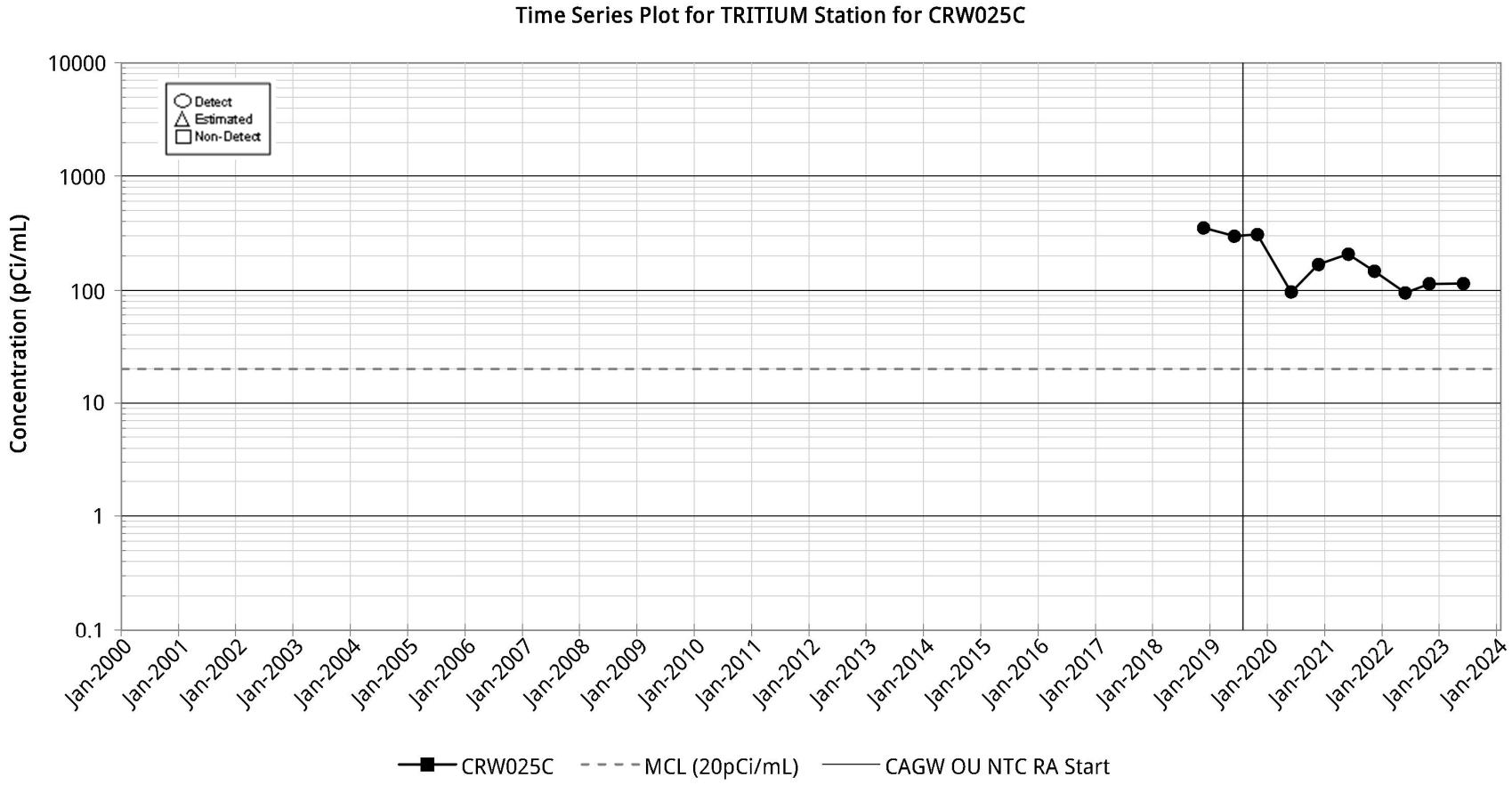

Time Series Plot for TRITIUM Station for CRW025C
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-154.

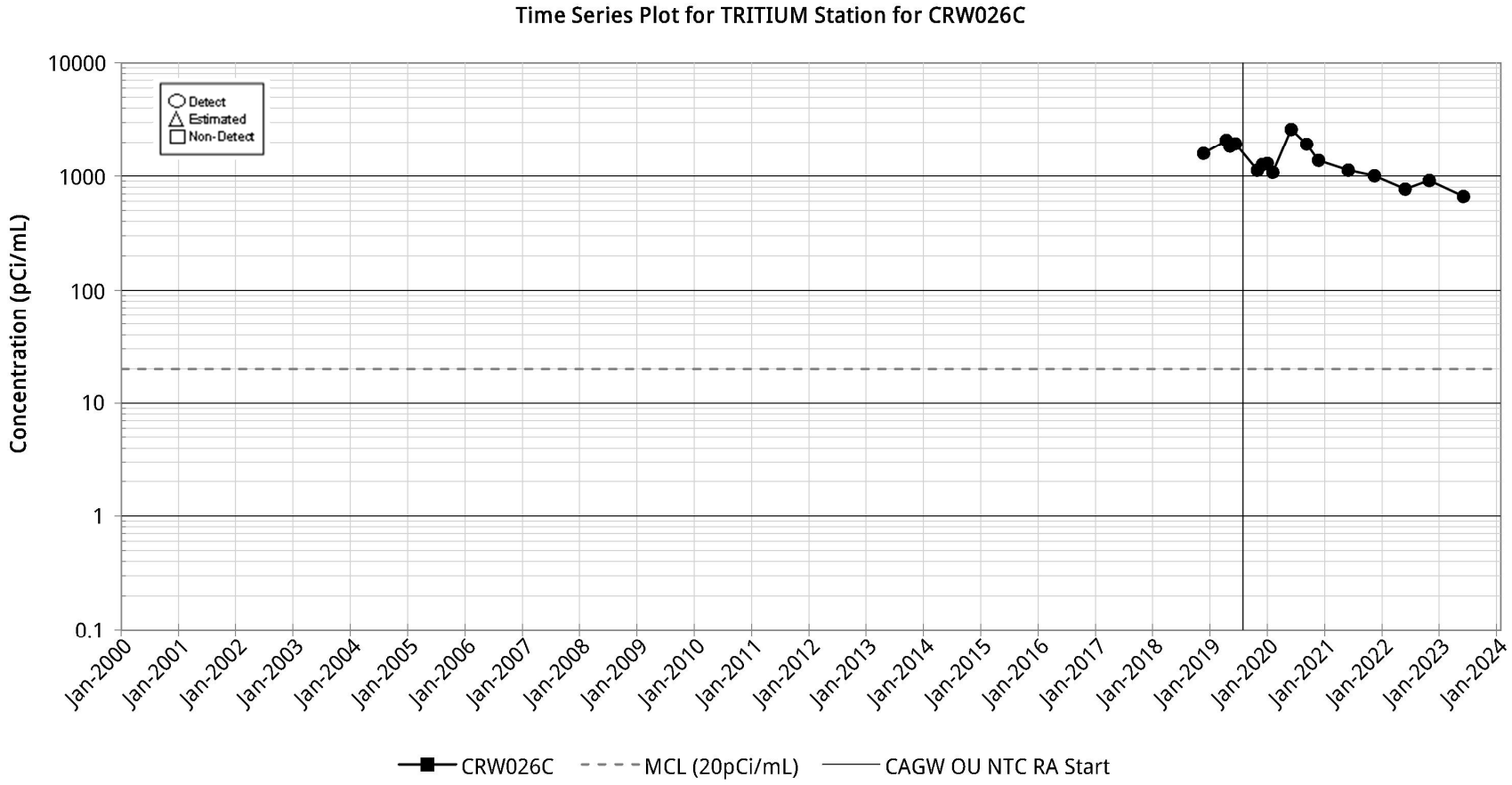

Time Series Plot for TRITIUM Station for CRW026C
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-155.

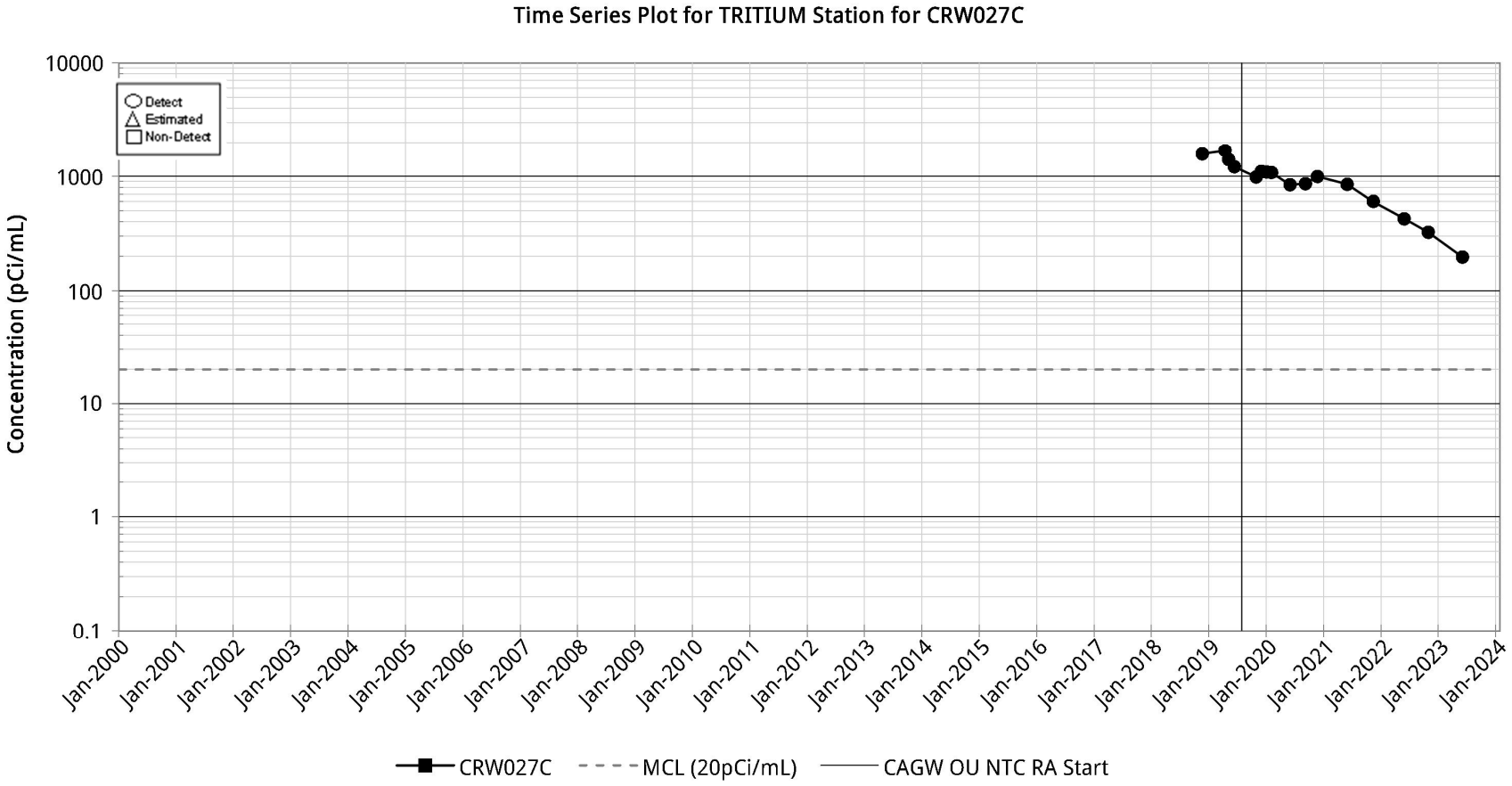

Time Series Plot for TRITIUM Station for CRW027C
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-156.

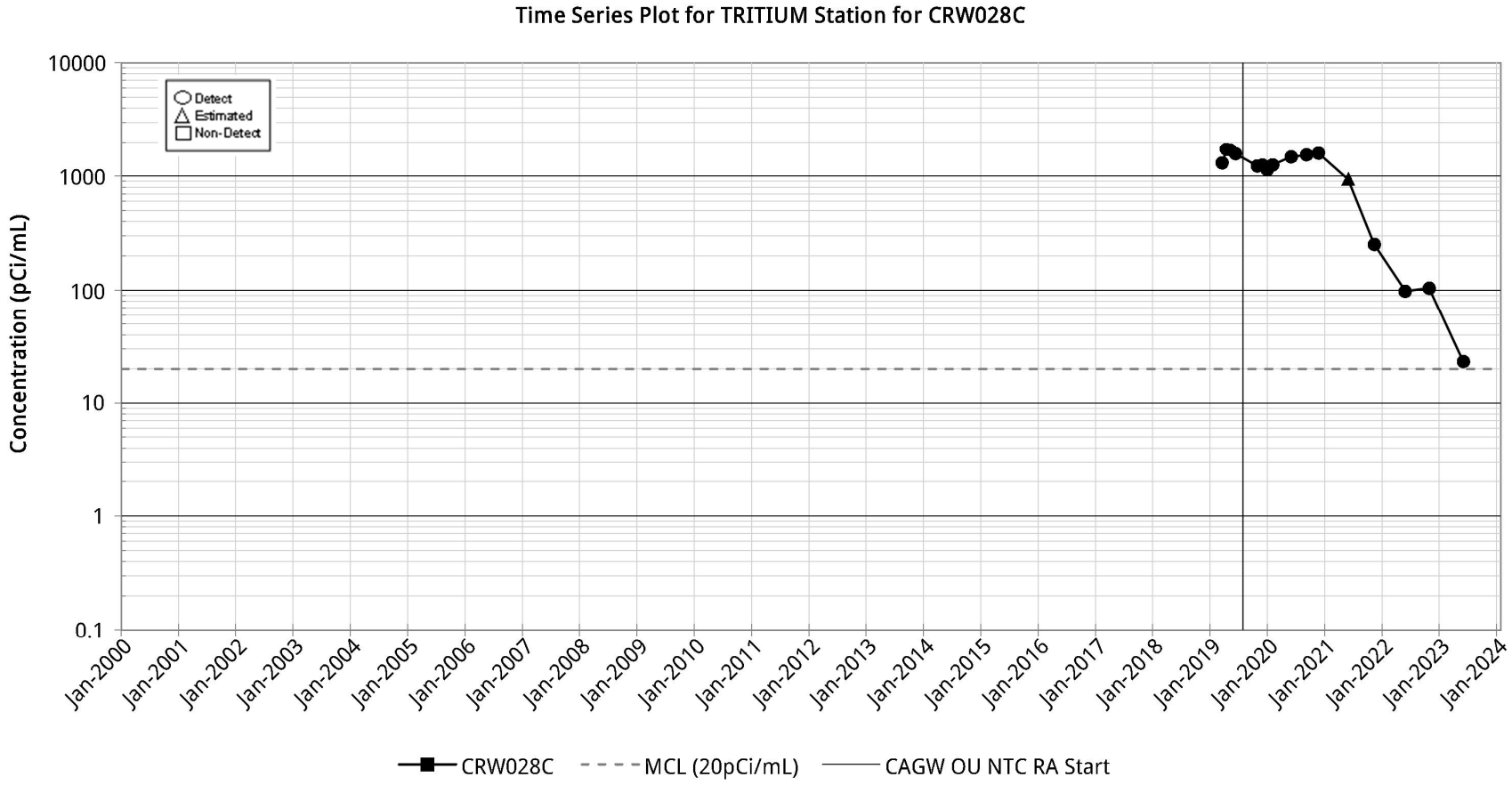

Time Series Plot for TRITIUM Station for CRW028C
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-157.

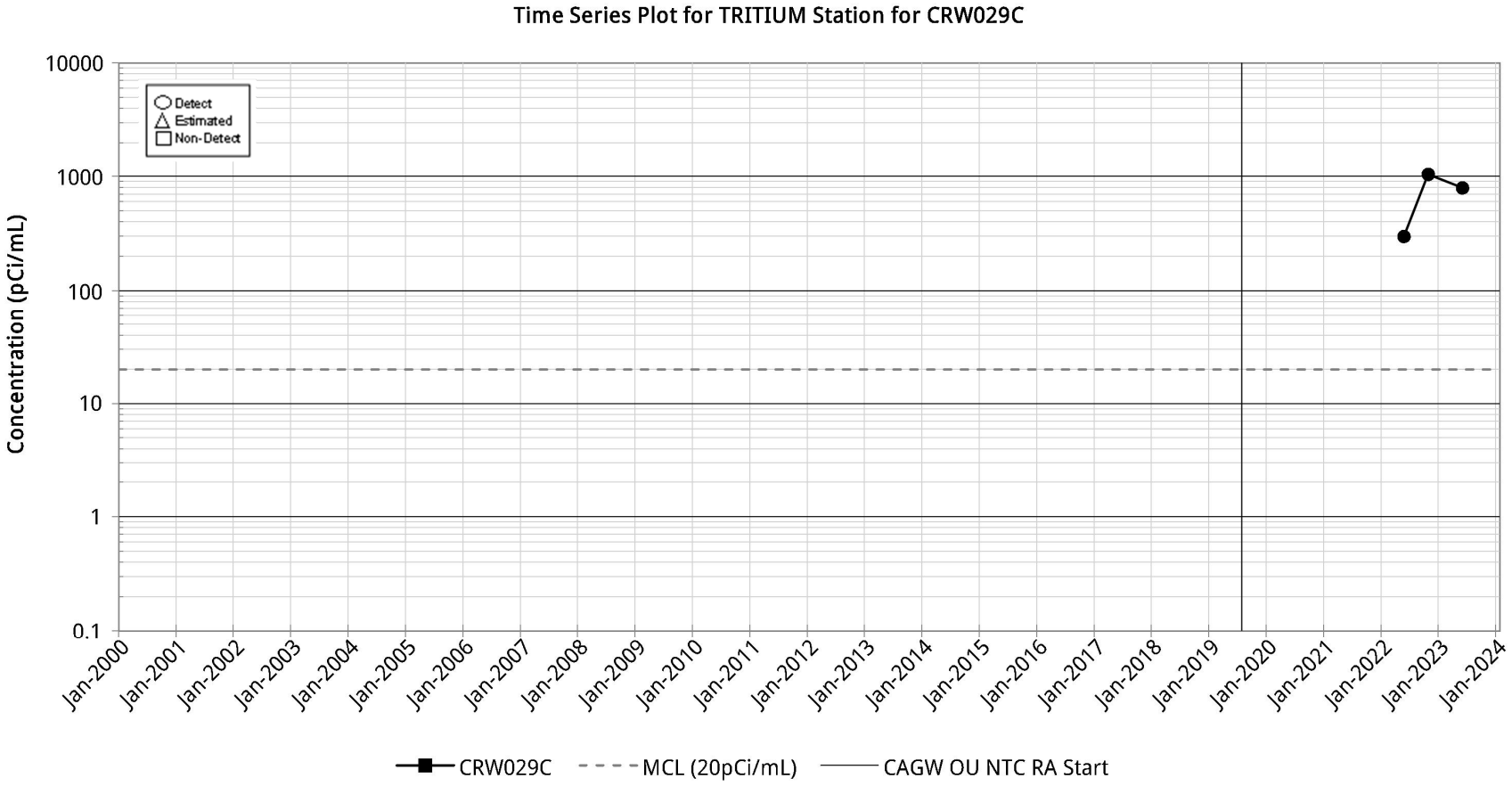

Time Series Plot for TRITIUM Station for CRW029C
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-158.

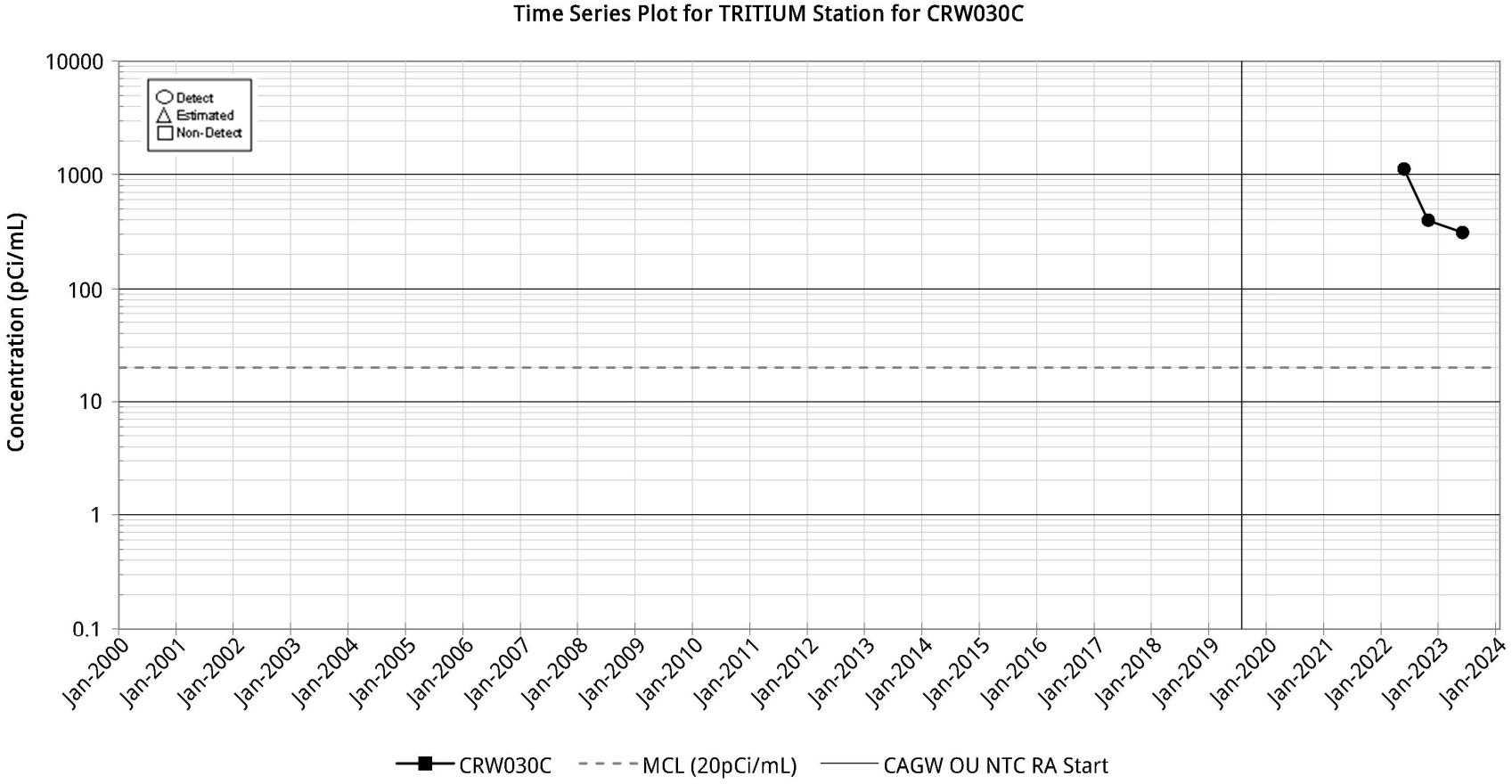

Time Series Plot for TRITIUM Station for CRW030C
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-159.

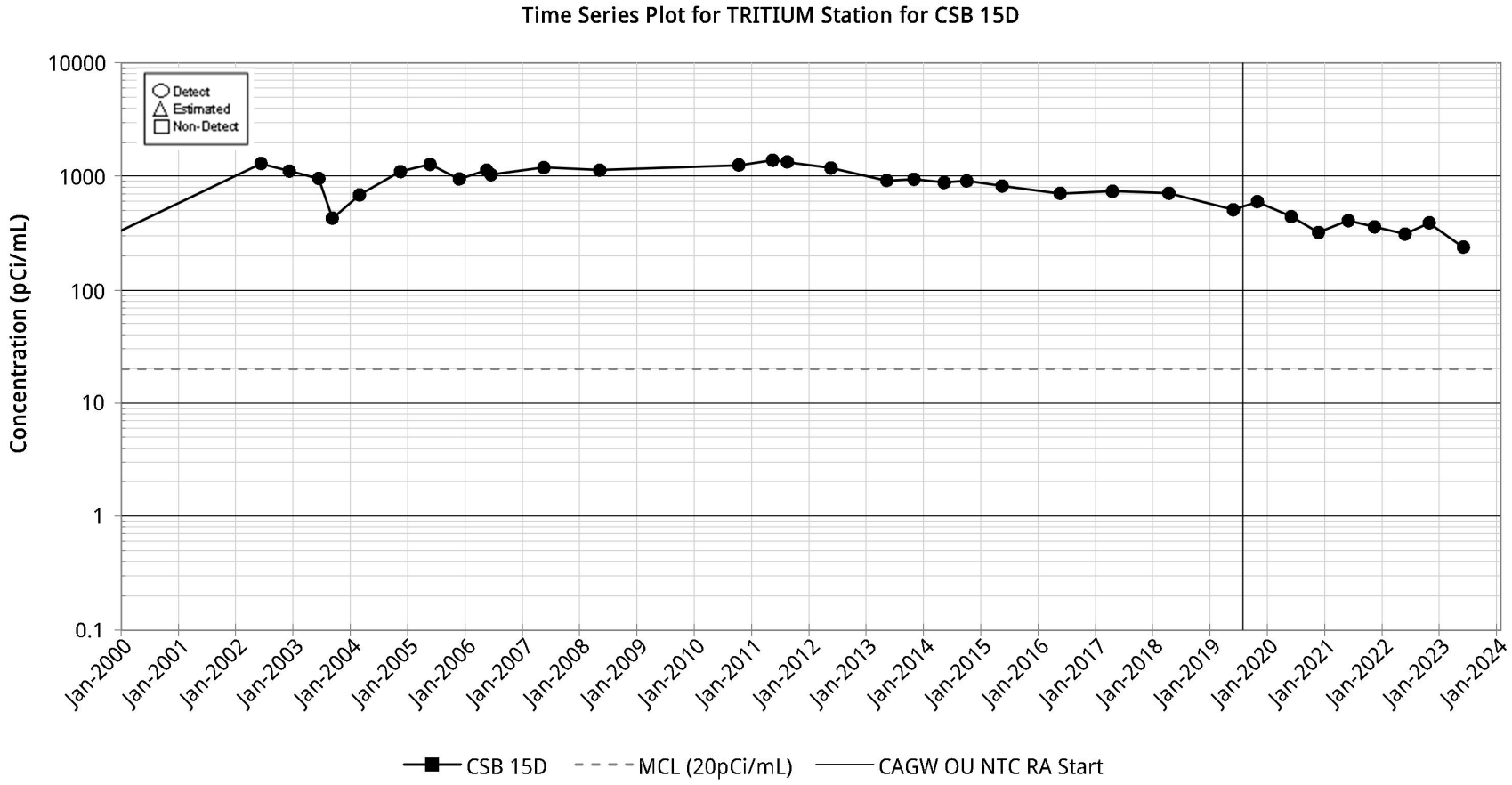
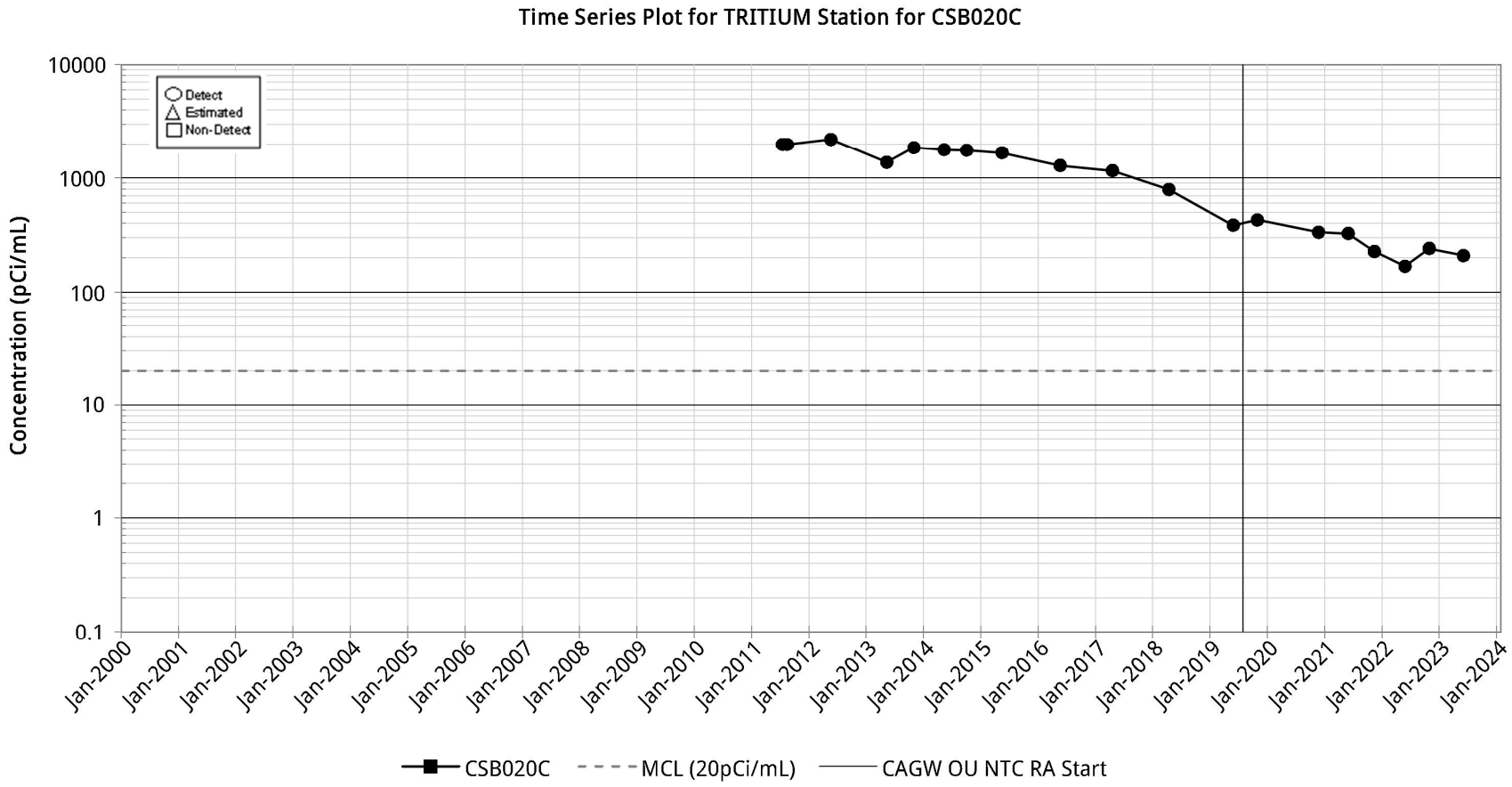

Time Series Plot for TRITIUM Station for CSB 15D
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019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

Figure C-160.


Time Series Plot for TRITIUM Station for CSB020C
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
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
CSB020C
MCL (20pCi/mL)
CAGW OU NTC RA Start

APPENDIX D

TCE Plume Maps

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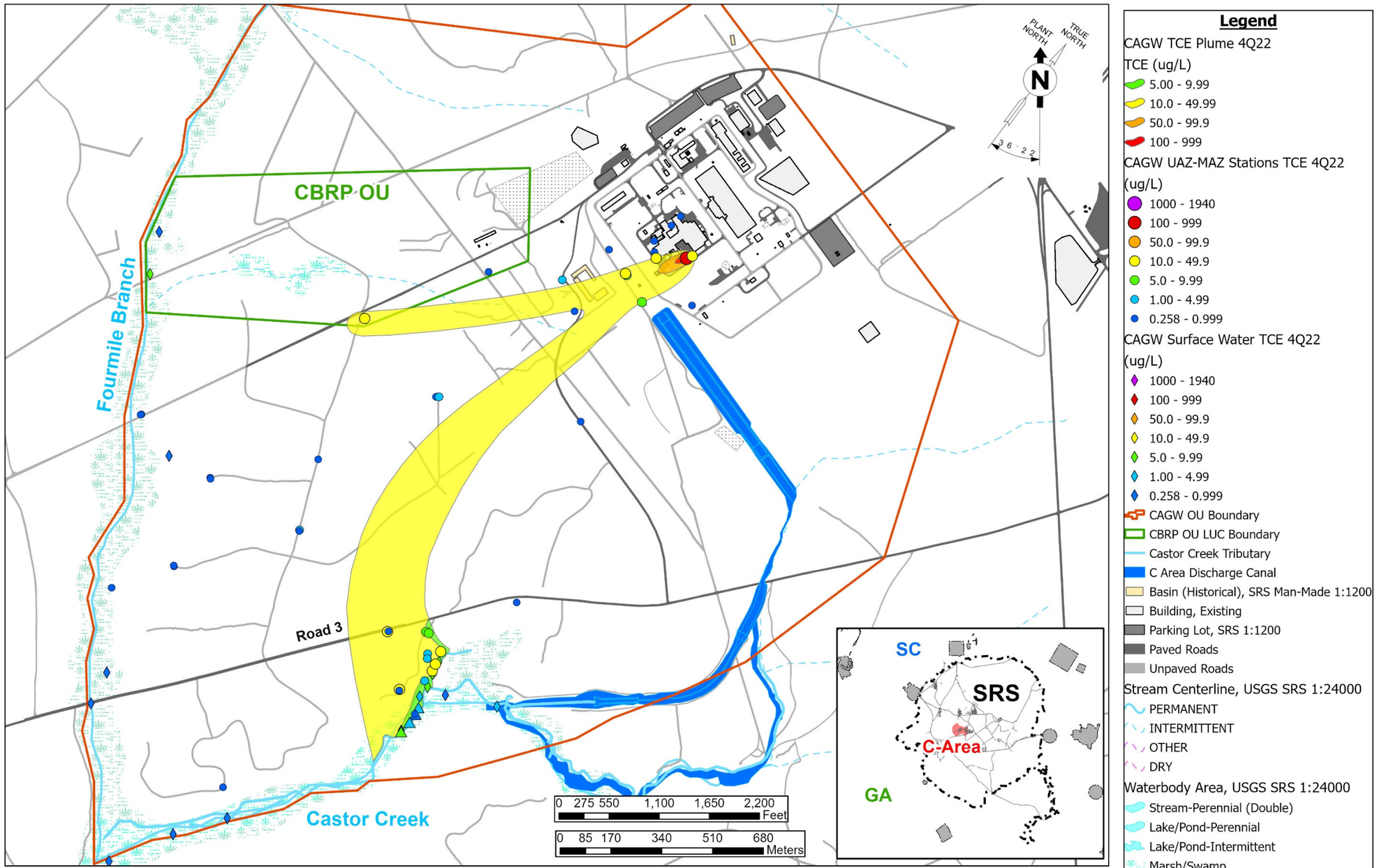

Figure D-1. November 2022 TCE Concentrations in the Upper Aquifer Zone (UAZ) and Middle Aquifer Zone (MAZ) of the Upper Three Runs Aquifer

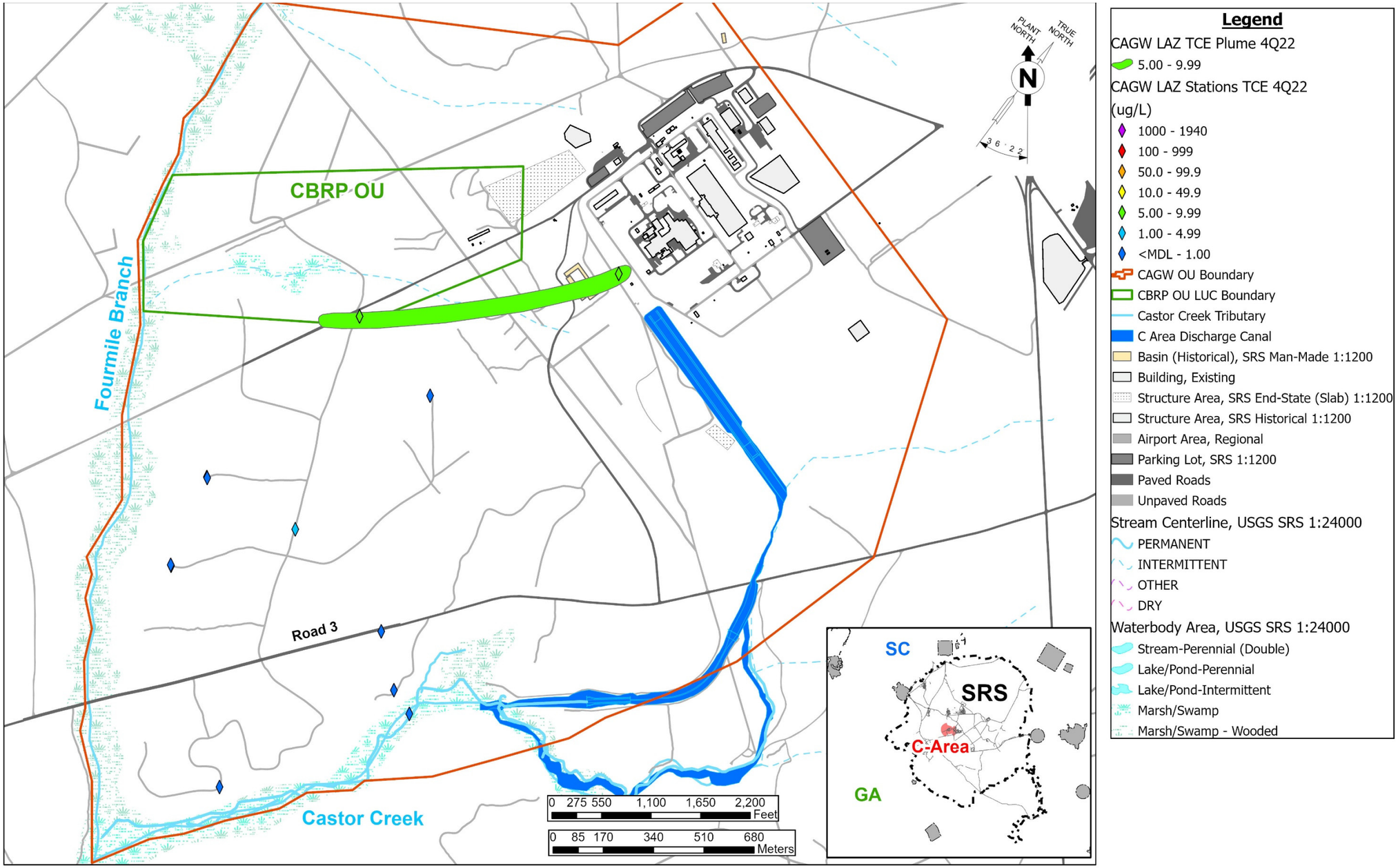

Figure D-2. November 2022 TCE Concentrations in the Lower Aquifer Zone (LAZ) of the Upper Three Runs Aquifer

APPENDIX E

Potentiometric Maps

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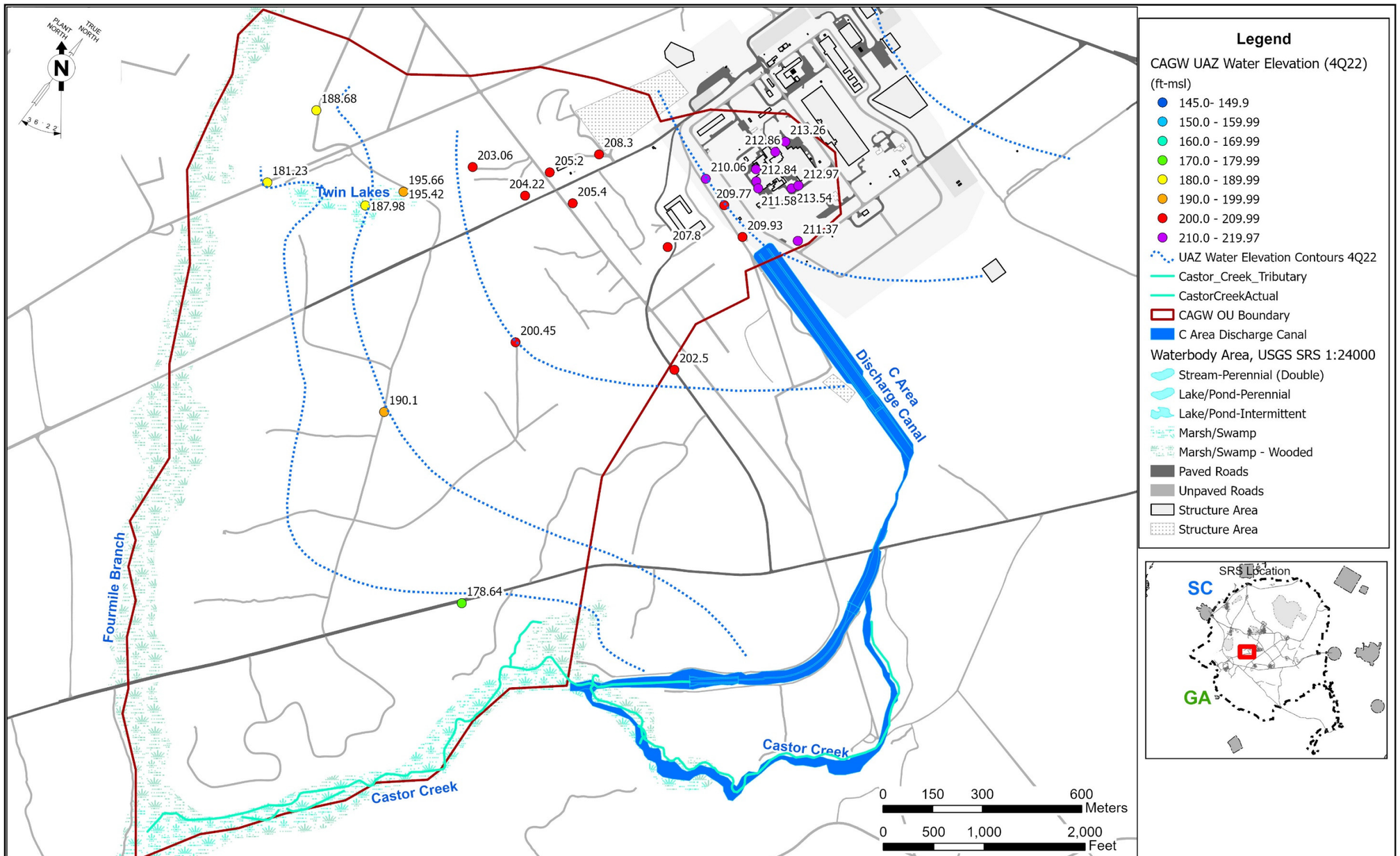

Figure E-1. November 2022 Potentiometric Contours for the Upper Aquifer Zone (UAZ).

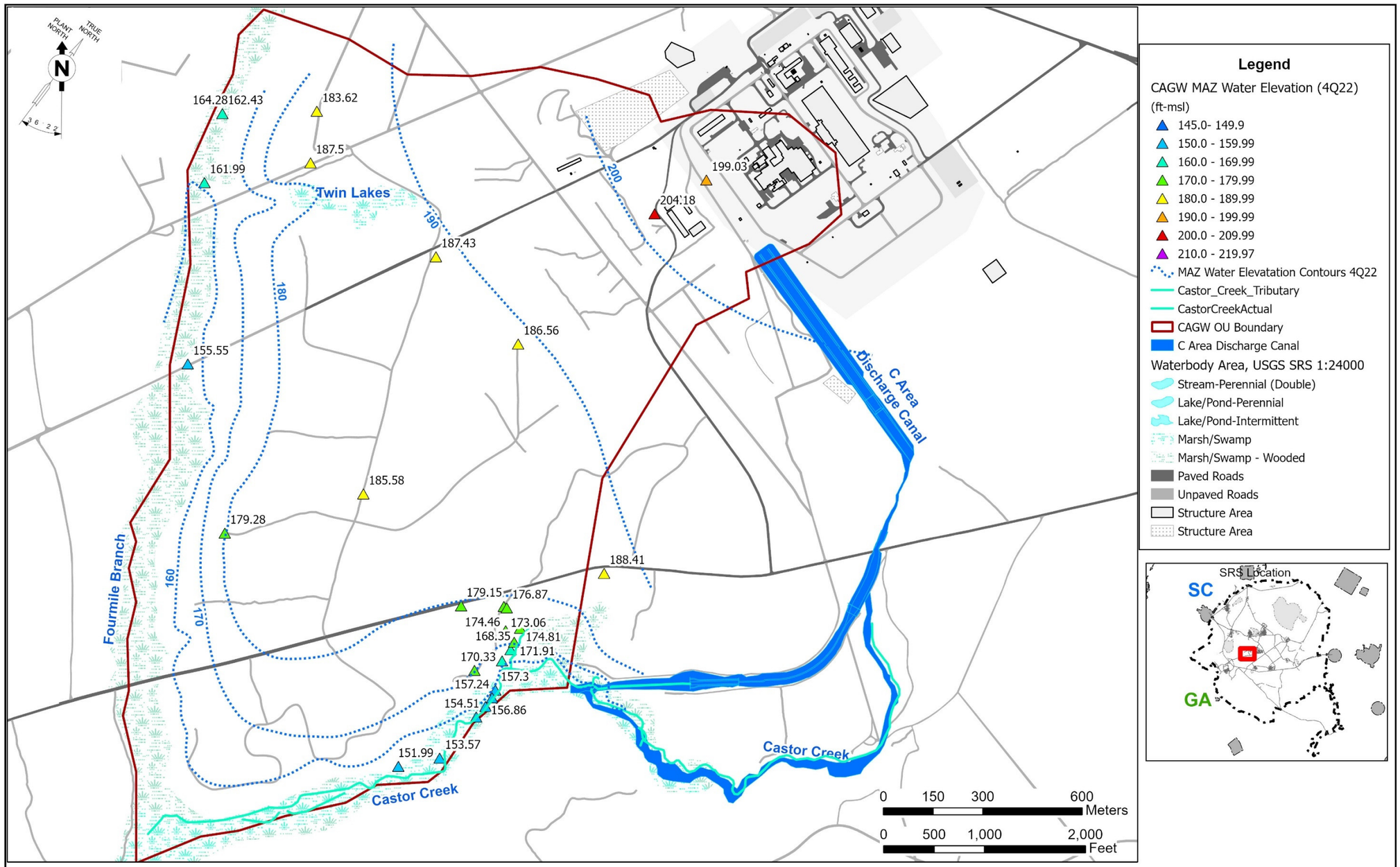

Figure E-2. November 2022 Potentiometric Contours for the Middle Aquifer Zone (MAZ).

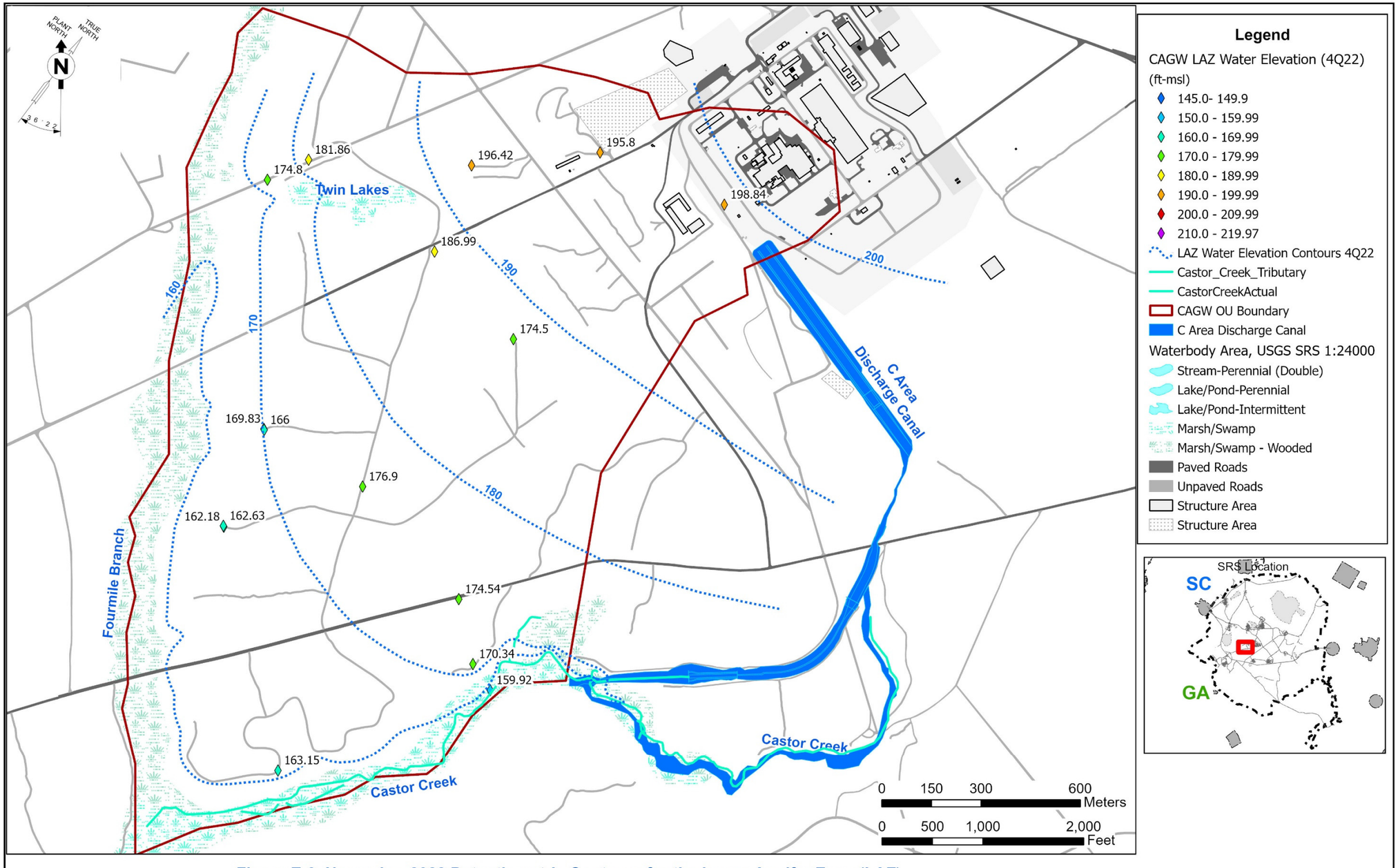

Figure E-3. November 2022 Potentiometric Contours for the Lower Aquifer Zone (LAZ).

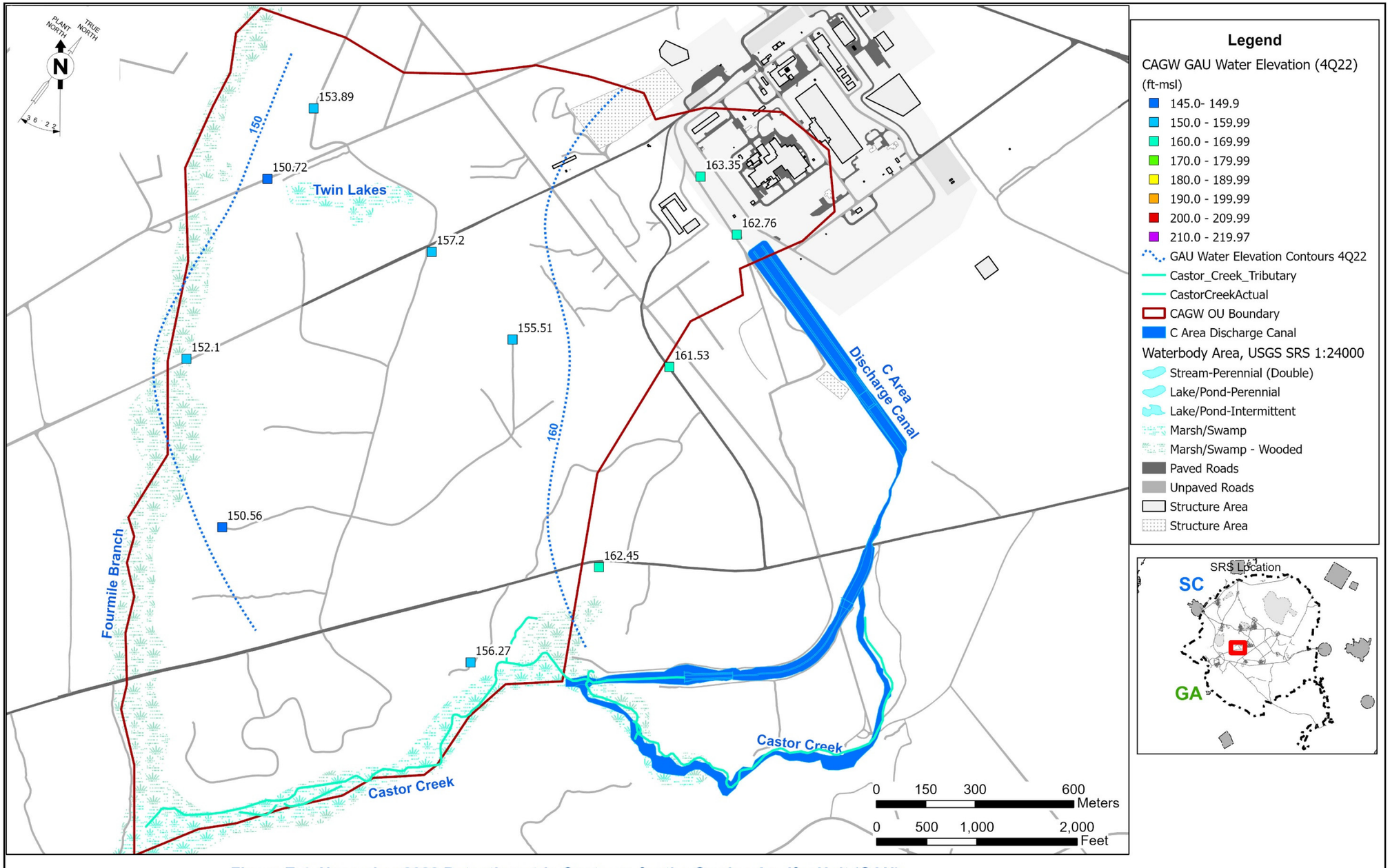

Figure E-4. November 2022 Potentiometric Contours for the Gordon Aquifer Unit (GAU).

APPENDIX F

CAGW OU Lab and Field Data

July 2022 through June 2023

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Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 01	11/29/2022	AIR TEMPERATURE	17.10	degC
CC 01	6/14/2023	AIR TEMPERATURE	22.50	degC
CC 01	11/29/2022	FLOW RATE	2.85	ft3/s
CC 01	6/14/2023	FLOW RATE	3.71	ft3/s
CC 01	11/29/2022	OXIDATION/REDUCTION POTENTIAL	118.00	mV
CC 01	6/14/2023	OXIDATION/REDUCTION POTENTIAL	243.00	mV
CC 01	11/29/2022	OXYGEN	5.58	mg/L
CC 01	6/14/2023	OXYGEN	6.75	mg/L
CC 01	11/29/2022	PH	6.40	pH
CC 01	6/14/2023	PH	6.00	pH
CC 01	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 01	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 01	11/29/2022	SPECIFIC CONDUCTANCE	22.00	uS/cm
CC 01	6/14/2023	SPECIFIC CONDUCTANCE	60.00	uS/cm
CC 01	11/29/2022	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
CC 01	6/14/2023	TOTAL ALKALINITY (AS CACO3)	5.00	mg/L
CC 01	11/29/2022	TURBIDITY	1.50	NTU
CC 01	6/14/2023	TURBIDITY	7.40	NTU
CC 01	11/29/2022	WATER TEMPERATURE	16.20	degC
CC 01	6/14/2023	WATER TEMPERATURE	19.20	degC
CC 02	11/29/2022	AIR TEMPERATURE	16.30	degC
CC 02	6/14/2023	AIR TEMPERATURE	22.70	degC
CC 02	11/29/2022	FLOW RATE	1.61	ft3/s
CC 02	6/14/2023	FLOW RATE	2.59	ft3/s
CC 02	11/29/2022	OXIDATION/REDUCTION POTENTIAL	142.00	mV
CC 02	6/14/2023	OXIDATION/REDUCTION POTENTIAL	226.00	mV
CC 02	11/29/2022	OXYGEN	5.96	mg/L
CC 02	6/14/2023	OXYGEN	6.25	mg/L
CC 02	11/29/2022	PH	6.30	pH

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 02	6/14/2023	PH	6.20	pH
CC 02	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 02	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 02	11/29/2022	SPECIFIC CONDUCTANCE	34.00	uS/cm
CC 02	6/14/2023	SPECIFIC CONDUCTANCE	24.00	uS/cm
CC 02	11/29/2022	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
CC 02	6/14/2023	TOTAL ALKALINITY (AS CACO3)	3.00	mg/L
CC 02	11/29/2022	TURBIDITY	1.60	NTU
CC 02	6/14/2023	TURBIDITY	7.50	NTU
CC 02	11/29/2022	WATER TEMPERATURE	14.10	degC
CC 02	6/14/2023	WATER TEMPERATURE	19.30	degC
CC 03	11/29/2022	AIR TEMPERATURE	17.80	degC
CC 03	6/14/2023	AIR TEMPERATURE	22.30	degC
CC 03	11/29/2022	FLOW RATE	3.57	ft3/s
CC 03	6/14/2023	FLOW RATE	3.53	ft3/min
CC 03	11/29/2022	OXIDATION/REDUCTION POTENTIAL	96.00	mV
CC 03	6/14/2023	OXIDATION/REDUCTION POTENTIAL	228.00	mV
CC 03	11/29/2022	OXYGEN	3.94	mg/L
CC 03	6/14/2023	OXYGEN	7.22	mg/L
CC 03	11/29/2022	PH	7.00	pH
CC 03	6/14/2023	PH	6.60	pH
CC 03	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 03	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 03	11/29/2022	SPECIFIC CONDUCTANCE	74.00	uS/cm
CC 03	6/14/2023	SPECIFIC CONDUCTANCE	115.00	uS/cm
CC 03	11/29/2022	TOTAL ALKALINITY (AS CACO3)	14.00	mg/L
CC 03	6/14/2023	TOTAL ALKALINITY (AS CACO3)	24.00	mg/L
CC 03	11/29/2022	TURBIDITY	3.90	NTU
CC 03	6/14/2023	TURBIDITY	6.80	NTU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 03	11/29/2022	WATER TEMPERATURE	158.00	degC
CC 03	6/14/2023	WATER TEMPERATURE	20.70	degC
CC 04	11/29/2022	AIR TEMPERATURE	14.10	degC
CC 04	6/14/2023	AIR TEMPERATURE	23.10	degC
CC 04	11/29/2022	FLOW RATE	0.00	ft3/min
CC 04	11/29/2022	OXIDATION/REDUCTION POTENTIAL	128.00	mV
CC 04	6/14/2023	OXIDATION/REDUCTION POTENTIAL	197.00	mV
CC 04	11/29/2022	OXYGEN	5.87	mg/L
CC 04	6/14/2023	OXYGEN	3.24	mg/L
CC 04	11/29/2022	PH	6.50	pH
CC 04	6/14/2023	PH	6.30	pH
CC 04	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 04	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 04	11/29/2022	SPECIFIC CONDUCTANCE	598.00	uS/cm
CC 04	6/14/2023	SPECIFIC CONDUCTANCE	76.00	uS/cm
CC 04	11/29/2022	TOTAL ALKALINITY (AS CACO3)	10.00	mg/L
CC 04	6/14/2023	TOTAL ALKALINITY (AS CACO3)	17.00	mg/L
CC 04	11/29/2022	TURBIDITY	2.50	NTU
CC 04	6/14/2023	TURBIDITY	5.40	NTU
CC 04	11/29/2022	WATER TEMPERATURE	12.10	degC
CC 04	6/14/2023	WATER TEMPERATURE	20.20	degC
CC 05	11/15/2022	AIR TEMPERATURE	8.00	degC
CC 05	6/13/2023	AIR TEMPERATURE	21.00	degC
CC 05	11/15/2022	FLOW RATE	0.70	ft3/s
CC 05	6/13/2023	FLOW RATE	1.17	ft3/s
CC 05	11/15/2022	OXIDATION/REDUCTION POTENTIAL	273.00	mV
CC 05	6/13/2023	OXIDATION/REDUCTION POTENTIAL	192.00	mV
CC 05	11/15/2022	OXYGEN	4.90	mg/L
CC 05	6/13/2023	OXYGEN	8.36	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 05	11/15/2022	PH	5.10	pH
CC 05	6/13/2023	PH	5.80	pH
CC 05	11/15/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 05	6/13/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 05	11/15/2022	SPECIFIC CONDUCTANCE	36.00	uS/cm
CC 05	6/13/2023	SPECIFIC CONDUCTANCE	22.00	uS/cm
CC 05	11/15/2022	TOTAL ALKALINITY (AS CACO3)	1.00	mg/L
CC 05	6/13/2023	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
CC 05	11/15/2022	TURBIDITY	3.70	NTU
CC 05	6/13/2023	TURBIDITY	13.60	NTU
CC 05	11/15/2022	WATER TEMPERATURE	14.10	degC
CC 05	6/13/2023	WATER TEMPERATURE	19.40	degC
CC 06	11/29/2022	AIR TEMPERATURE	20.10	degC
CC 06	11/29/2022	AIR TEMPERATURE	20.10	degC
CC 06	6/14/2023	AIR TEMPERATURE	22.40	degC
CC 06	6/14/2023	AIR TEMPERATURE	22.40	degC
CC 06	11/29/2022	FLOW RATE	2.60	ft3/s
CC 06	11/29/2022	FLOW RATE	2.60	ft3/s
CC 06	6/14/2023	FLOW RATE	2.40	ft3/s
CC 06	6/14/2023	FLOW RATE	2.40	ft3/s
CC 06	11/29/2022	OXIDATION/REDUCTION POTENTIAL	164.00	mV
CC 06	11/29/2022	OXIDATION/REDUCTION POTENTIAL	164.00	mV
CC 06	6/14/2023	OXIDATION/REDUCTION POTENTIAL	222.00	mV
CC 06	6/14/2023	OXIDATION/REDUCTION POTENTIAL	222.00	mV
CC 06	11/29/2022	OXYGEN	5.26	mg/L
CC 06	11/29/2022	OXYGEN	5.26	mg/L
CC 06	6/14/2023	OXYGEN	7.11	mg/L
CC 06	6/14/2023	OXYGEN	7.11	mg/L
CC 06	11/29/2022	PH	6.20	pH

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 06	11/29/2022	PH	6.20	pH
CC 06	6/14/2023	PH	6.30	pH
CC 06	6/14/2023	PH	6.30	pH
CC 06	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 06	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 06	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 06	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 06	11/29/2022	SPECIFIC CONDUCTANCE	5.26	uS/cm
CC 06	11/29/2022	SPECIFIC CONDUCTANCE	20.00	uS/cm
CC 06	6/14/2023	SPECIFIC CONDUCTANCE	22.00	uS/cm
CC 06	6/14/2023	SPECIFIC CONDUCTANCE	22.00	uS/cm
CC 06	11/29/2022	TOTAL ALKALINITY (AS CACO3)	6.00	mg/L
CC 06	11/29/2022	TOTAL ALKALINITY (AS CACO3)	6.00	mg/L
CC 06	6/14/2023	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
CC 06	6/14/2023	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
CC 06	11/29/2022	TURBIDITY	1.50	NTU
CC 06	11/29/2022	TURBIDITY	1.50	NTU
CC 06	6/14/2023	TURBIDITY	1.40	NTU
CC 06	6/14/2023	TURBIDITY	1.40	NTU
CC 06	11/29/2022	WATER TEMPERATURE	16.70	degC
CC 06	11/29/2022	WATER TEMPERATURE	16.70	degC
CC 06	6/14/2023	WATER TEMPERATURE	18.90	degC
CC 06	6/14/2023	WATER TEMPERATURE	18.90	degC
CC 07	11/15/2022	AIR TEMPERATURE	8.00	degC
CC 07	6/13/2023	AIR TEMPERATURE	20.00	degC
CC 07	11/15/2022	FLOW RATE	1.24	ft3/s
CC 07	6/13/2023	FLOW RATE	1.40	ft3/s
CC 07	11/15/2022	OXIDATION/REDUCTION POTENTIAL	215.00	mV
CC 07	6/13/2023	OXIDATION/REDUCTION POTENTIAL	247.00	mV

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 07	11/15/2022	OXYGEN	6.20	mg/L
CC 07	6/13/2023	OXYGEN	8.82	mg/L
CC 07	11/15/2022	PH	5.80	pH
CC 07	6/13/2023	PH	5.70	pH
CC 07	11/15/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 07	6/13/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 07	11/15/2022	SPECIFIC CONDUCTANCE	23.00	uS/cm
CC 07	6/13/2023	SPECIFIC CONDUCTANCE	22.00	uS/cm
CC 07	11/15/2022	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
CC 07	6/13/2023	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
CC 07	11/15/2022	TURBIDITY	2.60	NTU
CC 07	6/13/2023	TURBIDITY	1.40	NTU
CC 07	11/15/2022	WATER TEMPERATURE	14.20	degC
CC 07	6/13/2023	WATER TEMPERATURE	18.90	degC
CC 08	11/15/2022	AIR TEMPERATURE	8.00	degC
CC 08	6/13/2023	AIR TEMPERATURE	21.00	degC
CC 08	11/15/2022	FLOW RATE	1.17	ft3/s
CC 08	6/13/2023	FLOW RATE	0.99	ft3/s
CC 08	11/15/2022	OXIDATION/REDUCTION POTENTIAL	227.00	mV
CC 08	6/13/2023	OXIDATION/REDUCTION POTENTIAL	200.00	mV
CC 08	11/15/2022	OXYGEN	4.80	mg/L
CC 08	6/13/2023	OXYGEN	8.41	mg/L
CC 08	11/15/2022	PH	5.80	pH
CC 08	6/13/2023	PH	5.80	pH
CC 08	11/15/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 08	6/13/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CC 08	11/15/2022	SPECIFIC CONDUCTANCE	23.00	uS/cm
CC 08	6/13/2023	SPECIFIC CONDUCTANCE	22.00	uS/cm
CC 08	11/15/2022	TOTAL ALKALINITY (AS CACO3)	6.00	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CC 08	6/13/2023	TOTAL ALKALINITY (AS CACO3)	5.00	mg/L
CC 08	11/15/2022	TURBIDITY	2.40	NTU
CC 08	6/13/2023	TURBIDITY	2.10	NTU
CC 08	11/15/2022	WATER TEMPERATURE	14.10	degC
CC 08	6/13/2023	WATER TEMPERATURE	19.10	degC
CCSL-08	11/14/2022	AIR TEMPERATURE	6.00	degC
CCSL-08	6/21/2023	AIR TEMPERATURE	23.00	degC
CCSL-08	11/14/2022	Dissolved Oxygen	3.90	mg/L
CCSL-08	6/21/2023	Dissolved Oxygen	6.10	mg/L
CCSL-08	11/14/2022	FLOW RATE	0.10	gal/min
CCSL-08	6/21/2023	FLOW RATE	0.20	gal/min
CCSL-08	11/14/2022	pH	5.20	SU
CCSL-08	6/21/2023	pH	5.50	SU
CCSL-08	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCSL-08	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCSL-08	11/14/2022	Redox Potential	258.00	mV
CCSL-08	6/21/2023	Redox Potential	190.00	mV
CCSL-08	11/14/2022	SPECIFIC CONDUCTANCE	27.00	uS/cm
CCSL-08	6/21/2023	SPECIFIC CONDUCTANCE	29.00	uS/cm
CCSL-08	11/14/2022	TOTAL ALKALINITY (AS CACO3)	1.00	mg/L
CCSL-08	6/21/2023	TOTAL ALKALINITY (AS CACO3)	3.00	mg/L
CCSL-08	11/14/2022	TURBIDITY	7.00	NTU
CCSL-08	6/21/2023	TURBIDITY	28.50	NTU
CCSL-08	11/14/2022	WATER TEMPERATURE	14.50	degC
CCSL-08	6/21/2023	WATER TEMPERATURE	19.70	degC
CCSL-11	11/16/2022	AIR TEMPERATURE	14.00	degC
CCSL-11	6/21/2023	AIR TEMPERATURE	22.00	degC
CCSL-11	11/16/2022	Dissolved Oxygen	2.60	mg/L
CCSL-11	6/21/2023	Dissolved Oxygen	6.10	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CCSL-11	11/16/2022	FLOW RATE	0.10	gal/min
CCSL-11	6/21/2023	FLOW RATE	0.20	gal/min
CCSL-11	11/16/2022	pH	6.10	SU
CCSL-11	6/21/2023	pH	6.70	SU
CCSL-11	11/16/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCSL-11	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCSL-11	11/16/2022	Redox Potential	217.00	mV
CCSL-11	6/21/2023	Redox Potential	132.00	mV
CCSL-11	11/16/2022	SPECIFIC CONDUCTANCE	44.00	uS/cm
CCSL-11	6/21/2023	SPECIFIC CONDUCTANCE	39.00	uS/cm
CCSL-11	11/16/2022	TOTAL ALKALINITY (AS CACO3)	10.00	mg/L
CCSL-11	6/21/2023	TOTAL ALKALINITY (AS CACO3)	12.00	mg/L
CCSL-11	11/16/2022	TURBIDITY	388.00	NTU
CCSL-11	6/21/2023	TURBIDITY	321.00	NTU
CCSL-11	11/16/2022	WATER TEMPERATURE	15.00	degC
CCSL-11	6/21/2023	WATER TEMPERATURE	20.10	degC
CCSL-14	11/14/2022	AIR TEMPERATURE	7.00	degC
CCSL-14	6/21/2023	AIR TEMPERATURE	23.00	degC
CCSL-14	11/14/2022	Dissolved Oxygen	7.00	mg/L
CCSL-14	6/21/2023	Dissolved Oxygen	5.50	mg/L
CCSL-14	11/14/2022	FLOW RATE	0.10	gal/min
CCSL-14	6/21/2023	FLOW RATE	0.20	gal/min
CCSL-14	11/14/2022	pH	5.50	SU
CCSL-14	6/21/2023	pH	6.00	SU
CCSL-14	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCSL-14	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCSL-14	11/14/2022	Redox Potential	243.00	mV
CCSL-14	6/21/2023	Redox Potential	202.00	mV
CCSL-14	11/14/2022	SPECIFIC CONDUCTANCE	22.00	uS/cm

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CCSL-14	6/21/2023	SPECIFIC CONDUCTANCE	24.00	uS/cm
CCSL-14	11/14/2022	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
CCSL-14	6/21/2023	TOTAL ALKALINITY (AS CACO3)	6.00	mg/L
CCSL-14	11/14/2022	TURBIDITY	33.00	NTU
CCSL-14	6/21/2023	TURBIDITY	23.30	NTU
CCSL-14	11/14/2022	WATER TEMPERATURE	11.00	degC
CCSL-14	6/21/2023	WATER TEMPERATURE	21.20	degC
CCT 01	11/15/2022	AIR TEMPERATURE	9.00	degC
CCT 01	6/13/2023	AIR TEMPERATURE	23.30	degC
CCT 01	6/13/2023	FLOW RATE	0.68	ft3/s
CCT 01	11/15/2022	OXIDATION/REDUCTION POTENTIAL	136.00	mV
CCT 01	6/13/2023	OXIDATION/REDUCTION POTENTIAL	137.50	mV
CCT 01	11/15/2022	OXYGEN	4.20	mg/L
CCT 01	6/13/2023	OXYGEN	8.20	mg/L
CCT 01	11/15/2022	PH	5.80	pH
CCT 01	6/13/2023	PH	5.20	pH
CCT 01	11/15/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCT 01	6/13/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCT 01	11/15/2022	SPECIFIC CONDUCTANCE	25.00	uS/cm
CCT 01	6/13/2023	SPECIFIC CONDUCTANCE	26.00	uS/cm
CCT 01	11/15/2022	TOTAL ALKALINITY (AS CACO3)	5.00	mg/L
CCT 01	6/13/2023	TOTAL ALKALINITY (AS CACO3)	1.00	mg/L
CCT 01	11/15/2022	TURBIDITY	18.40	NTU
CCT 01	6/13/2023	TURBIDITY	7.00	NTU
CCT 01	11/15/2022	WATER TEMPERATURE	15.40	degC
CCT 01	6/13/2023	WATER TEMPERATURE	19.00	degC
CCT 02	11/15/2022	AIR TEMPERATURE	11.00	degC
CCT 02	6/13/2023	AIR TEMPERATURE	21.40	degC
CCT 02	6/13/2023	FLOW RATE	0.10	ft3/s

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CCT 02	11/15/2022	OXIDATION/REDUCTION POTENTIAL	199.00	mV
CCT 02	6/13/2023	OXIDATION/REDUCTION POTENTIAL	151.00	mV
CCT 02	11/15/2022	OXYGEN	4.20	mg/L
CCT 02	6/13/2023	OXYGEN	7.80	mg/L
CCT 02	11/15/2022	PH	5.60	pH
CCT 02	6/13/2023	PH	5.60	pH
CCT 02	11/15/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCT 02	6/13/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCT 02	11/15/2022	SPECIFIC CONDUCTANCE	20.00	uS/cm
CCT 02	6/13/2023	SPECIFIC CONDUCTANCE	49.00	uS/cm
CCT 02	11/15/2022	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
CCT 02	6/13/2023	TOTAL ALKALINITY (AS CACO3)	3.00	mg/L
CCT 02	11/15/2022	TURBIDITY	32.00	NTU
CCT 02	6/13/2023	TURBIDITY	9.70	NTU
CCT 02	11/15/2022	WATER TEMPERATURE	14.40	degC
CCT 02	6/13/2023	WATER TEMPERATURE	19.50	degC
CCT 03	11/15/2022	AIR TEMPERATURE	11.00	degC
CCT 03	6/13/2023	AIR TEMPERATURE	19.80	degC
CCT 03	6/13/2023	FLOW RATE	0.06	ft3/s
CCT 03	11/15/2022	OXIDATION/REDUCTION POTENTIAL	226.00	mV
CCT 03	6/13/2023	OXIDATION/REDUCTION POTENTIAL	139.00	mV
CCT 03	11/15/2022	OXYGEN	3.80	mg/L
CCT 03	6/13/2023	OXYGEN	4.10	mg/L
CCT 03	11/15/2022	PH	5.50	pH
CCT 03	6/13/2023	PH	4.60	pH
CCT 03	11/15/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCT 03	6/13/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CCT 03	11/15/2022	SPECIFIC CONDUCTANCE	20.00	uS/cm
CCT 03	6/13/2023	SPECIFIC CONDUCTANCE	19.00	uS/cm

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CCT 03	11/15/2022	TOTAL ALKALINITY (AS CACO3)	3.00	mg/L
CCT 03	6/13/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CCT 03	11/15/2022	TURBIDITY	44.20	NTU
CCT 03	6/13/2023	TURBIDITY	2.40	NTU
CCT 03	11/15/2022	WATER TEMPERATURE	14.00	degC
CCT 03	6/13/2023	WATER TEMPERATURE	19.60	degC
CDB 1	11/29/2022	AIR TEMPERATURE	12.00	degC
CDB 1	11/29/2022	Dissolved Oxygen	3.01	mg/L
CDB 1	11/29/2022	FLOW RATE	0.20	gal/min
CDB 1	11/29/2022	pH	5.10	SU
CDB 1	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CDB 1	11/29/2022	Redox Potential	234.00	mV
CDB 1	11/29/2022	SPECIFIC CONDUCTANCE	48.00	uS/cm
CDB 1	11/29/2022	TOTAL ALKALINITY (AS CACO3)	2.00	mg/L
CDB 1	11/29/2022	TURBIDITY	1.70	NTU
CDB 1	11/29/2022	WATER TEMPERATURE	20.40	degC
CDB 2	11/29/2022	AIR TEMPERATURE	13.00	degC
CDB 2	11/29/2022	Dissolved Oxygen	2.97	mg/L
CDB 2	11/29/2022	FLOW RATE	0.20	gal/min
CDB 2	11/29/2022	pH	5.00	SU
CDB 2	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CDB 2	11/29/2022	Redox Potential	242.00	mV
CDB 2	11/29/2022	SPECIFIC CONDUCTANCE	39.00	uS/cm
CDB 2	11/29/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CDB 2	11/29/2022	TURBIDITY	1.90	NTU
CDB 2	11/29/2022	WATER TEMPERATURE	20.30	degC
CDB003D	11/29/2022	AIR TEMPERATURE	13.00	degC
CDB003D	11/29/2022	Dissolved Oxygen	3.37	mg/L
CDB003D	11/29/2022	FLOW RATE	0.20	gal/min

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CDB003D	11/29/2022	pH	4.90	SU
CDB003D	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CDB003D	11/29/2022	Redox Potential	239.00	mV
CDB003D	11/29/2022	SPECIFIC CONDUCTANCE	35.00	uS/cm
CDB003D	11/29/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CDB003D	11/29/2022	TURBIDITY	1.00	NTU
CDB003D	11/29/2022	WATER TEMPERATURE	20.30	degC
CRP 5C	11/21/2022	AIR TEMPERATURE	3.00	degC
CRP 5C	11/21/2022	Dissolved Oxygen	6.90	mg/L
CRP 5C	11/21/2022	pH	6.00	SU
CRP 5C	11/21/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRP 5C	11/21/2022	Redox Potential	233.00	mV
CRP 5C	11/21/2022	SPECIFIC CONDUCTANCE	55.00	uS/cm
CRP 5C	11/21/2022	TOTAL ALKALINITY (AS CACO3)	6.00	mg/L
CRP 5C	11/21/2022	TURBIDITY	13.20	NTU
CRP 5C	11/21/2022	WATER TEMPERATURE	16.10	degC
CRP 5D	11/21/2022	AIR TEMPERATURE	7.00	degC
CRP 5D	11/21/2022	Dissolved Oxygen	6.80	mg/L
CRP 5D	11/21/2022	pH	6.50	SU
CRP 5D	11/21/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRP 5D	11/21/2022	Redox Potential	205.00	mV
CRP 5D	11/21/2022	SPECIFIC CONDUCTANCE	21.00	uS/cm
CRP 5D	11/21/2022	TOTAL ALKALINITY (AS CACO3)	7.00	mg/L
CRP 5D	11/21/2022	TURBIDITY	37.10	NTU
CRP 5D	11/21/2022	WATER TEMPERATURE	17.60	degC
CRP 6DR	11/21/2022	AIR TEMPERATURE	0.00	degC
CRP 6DR	11/21/2022	Dissolved Oxygen	11.33	mg/L
CRP 6DR	11/21/2022	FLOW RATE	0.30	gal/min
CRP 6DR	11/21/2022	pH	5.10	SU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRP 6DR	11/21/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRP 6DR	11/21/2022	Redox Potential	298.00	mV
CRP 6DR	11/21/2022	SPECIFIC CONDUCTANCE	28.00	uS/cm
CRP 6DR	11/21/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRP 6DR	11/21/2022	TURBIDITY	1.40	NTU
CRP 6DR	11/21/2022	WATER TEMPERATURE	19.30	degC
CRW 1A	6/15/2023	AIR TEMPERATURE	21.00	degC
CRW 1D	11/28/2022	AIR TEMPERATURE	15.00	degC
CRW 1D	6/15/2023	AIR TEMPERATURE	21.00	degC
CRW 1D	11/28/2022	Dissolved Oxygen	3.19	mg/L
CRW 1D	6/15/2023	Dissolved Oxygen	9.43	mg/L
CRW 1D	11/28/2022	FLOW RATE	0.10	gal/min
CRW 1D	6/15/2023	FLOW RATE	0.10	gal/min
CRW 1D	11/28/2022	pH	5.60	SU
CRW 1D	6/15/2023	pH	5.00	SU
CRW 1D	11/28/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 1D	11/28/2022	Redox Potential	233.00	mV
CRW 1D	6/15/2023	Redox Potential	267.00	mV
CRW 1D	11/28/2022	SPECIFIC CONDUCTANCE	28.00	uS/cm
CRW 1D	6/15/2023	SPECIFIC CONDUCTANCE	22.00	uS/cm
CRW 1D	11/28/2022	TOTAL ALKALINITY (AS CACO3)	2.00	mg/L
CRW 1D	11/28/2022	TURBIDITY	2.60	NTU
CRW 1D	6/15/2023	TURBIDITY	1.70	NTU
CRW 1D	11/28/2022	WATER TEMPERATURE	20.40	degC
CRW 1D	6/15/2023	WATER TEMPERATURE	18.60	degC
CRW 4A	11/28/2022	AIR TEMPERATURE	13.00	degC
CRW 4A	11/28/2022	Dissolved Oxygen	3.18	mg/L
CRW 4A	11/28/2022	FLOW RATE	0.20	gal/min
CRW 4A	11/28/2022	pH	6.60	SU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 4A	11/28/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 4A	11/28/2022	Redox Potential	159.00	mV
CRW 4A	11/28/2022	SPECIFIC CONDUCTANCE	138.00	uS/cm
CRW 4A	11/28/2022	TOTAL ALKALINITY (AS CACO3)	32.00	mg/L
CRW 4A	11/28/2022	TURBIDITY	3.30	NTU
CRW 4A	11/28/2022	WATER TEMPERATURE	19.10	degC
CRW 4C	11/28/2022	AIR TEMPERATURE	13.00	degC
CRW 4C	11/28/2022	Dissolved Oxygen	3.97	mg/L
CRW 4C	11/28/2022	FLOW RATE	0.10	gal/min
CRW 4C	11/28/2022	pH	6.80	SU
CRW 4C	11/28/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 4C	11/28/2022	Redox Potential	141.00	mV
CRW 4C	11/28/2022	SPECIFIC CONDUCTANCE	127.00	uS/cm
CRW 4C	11/28/2022	TOTAL ALKALINITY (AS CACO3)	34.00	mg/L
CRW 4C	11/28/2022	TURBIDITY	11.50	NTU
CRW 4C	11/28/2022	WATER TEMPERATURE	20.40	degC
CRW 4D	11/28/2022	AIR TEMPERATURE	15.00	degC
CRW 4D	11/28/2022	Dissolved Oxygen	4.69	mg/L
CRW 4D	11/28/2022	FLOW RATE	0.10	gal/min
CRW 4D	11/28/2022	pH	6.90	SU
CRW 4D	11/28/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 4D	11/28/2022	Redox Potential	196.00	mV
CRW 4D	11/28/2022	SPECIFIC CONDUCTANCE	41.00	uS/cm
CRW 4D	11/28/2022	TOTAL ALKALINITY (AS CACO3)	11.00	mg/L
CRW 4D	11/28/2022	TURBIDITY	9.50	NTU
CRW 4D	11/28/2022	WATER TEMPERATURE	19.30	degC
CRW 5A	11/28/2022	AIR TEMPERATURE	11.00	degC
CRW 5A	11/28/2022	Dissolved Oxygen	4.20	mg/L
CRW 5A	11/28/2022	FLOW RATE	0.20	gal/min

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 5A	11/28/2022	pH	7.40	SU
CRW 5A	11/28/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 5A	11/28/2022	Redox Potential	200.00	mV
CRW 5A	11/28/2022	SPECIFIC CONDUCTANCE	145.00	uS/cm
CRW 5A	11/28/2022	TOTAL ALKALINITY (AS CACO3)	51.00	mg/L
CRW 5A	11/28/2022	TURBIDITY	9.60	NTU
CRW 5A	11/28/2022	WATER TEMPERATURE	16.90	degC
CRW 5D	11/28/2022	AIR TEMPERATURE	11.00	degC
CRW 5D	11/28/2022	Dissolved Oxygen	4.30	mg/L
CRW 5D	11/28/2022	FLOW RATE	0.10	gal/min
CRW 5D	11/28/2022	pH	5.00	SU
CRW 5D	11/28/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 5D	11/28/2022	Redox Potential	261.00	mV
CRW 5D	11/28/2022	SPECIFIC CONDUCTANCE	63.00	uS/cm
CRW 5D	11/28/2022	TOTAL ALKALINITY (AS CACO3)	1.00	mg/L
CRW 5D	11/28/2022	TURBIDITY	2.00	NTU
CRW 5D	11/28/2022	WATER TEMPERATURE	18.60	degC
CRW 7A	11/29/2022	AIR TEMPERATURE	20.00	degC
CRW 7A	11/29/2022	Dissolved Oxygen	5.30	mg/L
CRW 7A	11/29/2022	FLOW RATE	0.10	gal/min
CRW 7A	11/29/2022	pH	7.10	SU
CRW 7A	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 7A	11/29/2022	Redox Potential	117.00	mV
CRW 7A	11/29/2022	SPECIFIC CONDUCTANCE	118.00	uS/cm
CRW 7A	11/29/2022	TOTAL ALKALINITY (AS CACO3)	37.00	mg/L
CRW 7A	11/29/2022	TURBIDITY	14.80	NTU
CRW 7A	11/29/2022	WATER TEMPERATURE	20.30	degC
CRW 7D	11/28/2022	AIR TEMPERATURE	10.00	degC
CRW 7D	11/28/2022	Dissolved Oxygen	4.80	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 7D	11/28/2022	FLOW RATE	0.10	gal/min
CRW 7D	11/28/2022	pH	4.80	SU
CRW 7D	11/28/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 7D	11/28/2022	Redox Potential	274.00	mV
CRW 7D	11/28/2022	SPECIFIC CONDUCTANCE	56.00	uS/cm
CRW 7D	11/28/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW 7D	11/28/2022	TURBIDITY	1.60	NTU
CRW 7D	11/28/2022	WATER TEMPERATURE	18.40	degC
CRW 9A	11/29/2022	AIR TEMPERATURE	10.00	degC
CRW 9A	11/29/2022	Dissolved Oxygen	3.87	mg/L
CRW 9A	11/29/2022	FLOW RATE	1.00	gal/min
CRW 9A	11/29/2022	pH	6.80	SU
CRW 9A	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 9A	11/29/2022	Redox Potential	85.00	mV
CRW 9A	11/29/2022	SPECIFIC CONDUCTANCE	136.00	uS/cm
CRW 9A	11/29/2022	TOTAL ALKALINITY (AS CACO3)	35.00	mg/L
CRW 9A	11/29/2022	TURBIDITY	2.20	NTU
CRW 9A	11/29/2022	WATER TEMPERATURE	18.90	degC
CRW 10A	11/21/2022	AIR TEMPERATURE	127.00	degC
CRW 10A	11/21/2022	Dissolved Oxygen	9.28	mg/L
CRW 10A	11/21/2022	FLOW RATE	0.20	gal/min
CRW 10A	11/21/2022	pH	6.80	SU
CRW 10A	11/21/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 10A	11/21/2022	Redox Potential	8.00	mV
CRW 10A	11/21/2022	SPECIFIC CONDUCTANCE	120.00	uS/cm
CRW 10A	11/21/2022	TOTAL ALKALINITY (AS CACO3)	42.00	mg/L
CRW 10A	11/21/2022	TURBIDITY	131.00	NTU
CRW 10A	11/21/2022	WATER TEMPERATURE	17.80	degC
CRW 10C	11/21/2022	AIR TEMPERATURE	7.00	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 10C	11/21/2022	Dissolved Oxygen	8.91	mg/L
CRW 10C	11/21/2022	FLOW RATE	0.20	gal/min
CRW 10C	11/21/2022	pH	5.70	SU
CRW 10C	11/21/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 10C	11/21/2022	Redox Potential	244.00	mV
CRW 10C	11/21/2022	SPECIFIC CONDUCTANCE	23.00	uS/cm
CRW 10C	11/21/2022	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
CRW 10C	11/21/2022	TURBIDITY	2.30	NTU
CRW 10C	11/21/2022	WATER TEMPERATURE	17.40	degC
CRW010CU	11/21/2022	AIR TEMPERATURE	10.00	degC
CRW010CU	11/21/2022	Dissolved Oxygen	9.90	mg/L
CRW010CU	11/21/2022	pH	6.10	SU
CRW010CU	11/21/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW010CU	11/21/2022	Redox Potential	250.00	mV
CRW010CU	11/21/2022	SPECIFIC CONDUCTANCE	43.00	uS/cm
CRW010CU	11/21/2022	TOTAL ALKALINITY (AS CACO3)	9.00	mg/L
CRW010CU	11/21/2022	TURBIDITY	0.80	NTU
CRW010CU	11/21/2022	WATER TEMPERATURE	17.20	degC
CRW 11A	11/29/2022	AIR TEMPERATURE	6.00	degC
CRW 11A	11/29/2022	Dissolved Oxygen	5.61	mg/L
CRW 11A	11/29/2022	FLOW RATE	0.20	gal/min
CRW 11A	11/29/2022	pH	5.70	SU
CRW 11A	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 11A	11/29/2022	Redox Potential	262.00	mV
CRW 11A	11/29/2022	SPECIFIC CONDUCTANCE	119.00	uS/cm
CRW 11A	11/29/2022	TOTAL ALKALINITY (AS CACO3)	12.00	mg/L
CRW 11A	11/29/2022	TURBIDITY	2.90	NTU
CRW 11A	11/29/2022	WATER TEMPERATURE	18.80	degC
CRW 11D	11/29/2022	AIR TEMPERATURE	6.00	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 11D	11/29/2022	Dissolved Oxygen	5.44	mg/L
CRW 11D	11/29/2022	FLOW RATE	0.20	gal/min
CRW 11D	11/29/2022	pH	5.20	SU
CRW 11D	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 11D	11/29/2022	Redox Potential	206.00	mV
CRW 11D	11/29/2022	SPECIFIC CONDUCTANCE	22.00	uS/cm
CRW 11D	11/29/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW 11D	11/29/2022	TURBIDITY	4.80	NTU
CRW 11D	11/29/2022	WATER TEMPERATURE	18.60	degC
CRW 13A	11/29/2022	AIR TEMPERATURE	8.00	degC
CRW 13A	11/29/2022	Dissolved Oxygen	4.89	mg/L
CRW 13A	11/29/2022	FLOW RATE	2.00	gal/min
CRW 13A	11/29/2022	pH	6.70	SU
CRW 13A	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 13A	11/29/2022	Redox Potential	4.00	mV
CRW 13A	11/29/2022	SPECIFIC CONDUCTANCE	134.00	uS/cm
CRW 13A	11/29/2022	TOTAL ALKALINITY (AS CACO3)	22.00	mg/L
CRW 13A	11/29/2022	TURBIDITY	2.10	NTU
CRW 13A	11/29/2022	WATER TEMPERATURE	18.60	degC
CRW-014-A	11/29/2022	AIR TEMPERATURE	24.00	degC
CRW-014-A	11/29/2022	Dissolved Oxygen	6.80	mg/L
CRW-014-A	11/29/2022	FLOW RATE	1.00	gal/min
CRW-014-A	11/29/2022	pH	6.60	SU
CRW-014-A	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW-014-A	11/29/2022	Redox Potential	76.00	mV
CRW-014-A	11/29/2022	SPECIFIC CONDUCTANCE	118.00	uS/cm
CRW-014-A	11/29/2022	TOTAL ALKALINITY (AS CACO3)	39.00	mg/L
CRW-014-A	11/29/2022	TURBIDITY	0.20	NTU
CRW-014-A	11/29/2022	WATER TEMPERATURE	19.00	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 15A	11/29/2022	AIR TEMPERATURE	13.00	degC
CRW 15A	11/29/2022	Dissolved Oxygen	7.80	mg/L
CRW 15A	11/29/2022	FLOW RATE	0.20	gal/min
CRW 15A	11/29/2022	pH	6.30	SU
CRW 15A	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 15A	11/29/2022	Redox Potential	-59.00	mV
CRW 15A	11/29/2022	SPECIFIC CONDUCTANCE	126.00	uS/cm
CRW 15A	11/29/2022	TOTAL ALKALINITY (AS CACO3)	37.00	mg/L
CRW 15A	11/29/2022	TURBIDITY	2.40	NTU
CRW 15A	11/29/2022	WATER TEMPERATURE	17.90	degC
CRW015B	11/29/2022	AIR TEMPERATURE	10.00	degC
CRW015B	11/29/2022	Dissolved Oxygen	10.33	mg/L
CRW015B	11/29/2022	pH	6.40	SU
CRW015B	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW015B	11/29/2022	Redox Potential	244.00	mV
CRW015B	11/29/2022	SPECIFIC CONDUCTANCE	77.00	uS/cm
CRW015B	11/29/2022	TOTAL ALKALINITY (AS CACO3)	12.00	mg/L
CRW015B	11/29/2022	TURBIDITY	5.40	NTU
CRW015B	11/29/2022	WATER TEMPERATURE	17.00	degC
CRW 15C	11/29/2022	AIR TEMPERATURE	18.00	degC
CRW 15C	11/29/2022	Dissolved Oxygen	3.80	mg/L
CRW 15C	11/29/2022	FLOW RATE	0.10	gal/min
CRW 15C	11/29/2022	pH	6.30	SU
CRW 15C	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 15C	11/29/2022	Redox Potential	-1.00	mV
CRW 15C	11/29/2022	SPECIFIC CONDUCTANCE	100.00	uS/cm
CRW 15C	11/29/2022	TOTAL ALKALINITY (AS CACO3)	23.00	mg/L
CRW 15C	11/29/2022	TURBIDITY	27.00	NTU
CRW 15C	11/29/2022	WATER TEMPERATURE	18.00	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 15D	11/29/2022	AIR TEMPERATURE	20.00	degC
CRW 15D	11/29/2022	AIR TEMPERATURE	20.00	degC
CRW 15D	11/29/2022	Dissolved Oxygen	5.21	mg/L
CRW 15D	11/29/2022	Dissolved Oxygen	5.21	mg/L
CRW 15D	11/29/2022	FLOW RATE	0.10	gal/min
CRW 15D	11/29/2022	FLOW RATE	0.10	gal/min
CRW 15D	11/29/2022	pH	5.20	SU
CRW 15D	11/29/2022	pH	5.20	SU
CRW 15D	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 15D	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 15D	11/29/2022	Redox Potential	233.00	mV
CRW 15D	11/29/2022	Redox Potential	233.00	mV
CRW 15D	11/29/2022	SPECIFIC CONDUCTANCE	67.00	uS/cm
CRW 15D	11/29/2022	SPECIFIC CONDUCTANCE	67.00	uS/cm
CRW 15D	11/29/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW 15D	11/29/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW 15D	11/29/2022	TURBIDITY	9.90	NTU
CRW 15D	11/29/2022	TURBIDITY	9.90	NTU
CRW 15D	11/29/2022	WATER TEMPERATURE	18.80	degC
CRW 15D	11/29/2022	WATER TEMPERATURE	18.80	degC
CRW 16D	11/29/2022	AIR TEMPERATURE	17.00	degC
CRW 16D	11/29/2022	Dissolved Oxygen	7.84	mg/L
CRW 16D	11/29/2022	FLOW RATE	0.20	gal/min
CRW 16D	11/29/2022	pH	6.20	SU
CRW 16D	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW 16D	11/29/2022	Redox Potential	243.00	mV
CRW 16D	11/29/2022	SPECIFIC CONDUCTANCE	52.00	uS/cm
CRW 16D	11/29/2022	TOTAL ALKALINITY (AS CACO3)	18.00	mg/L
CRW 16D	11/29/2022	TURBIDITY	0.30	NTU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW 16D	11/29/2022	WATER TEMPERATURE	17.90	degC
CRW020D	11/29/2022	AIR TEMPERATURE	14.00	degC
CRW020D	6/15/2023	AIR TEMPERATURE	22.00	degC
CRW020D	11/29/2022	Dissolved Oxygen	4.40	mg/L
CRW020D	6/15/2023	Dissolved Oxygen	8.12	mg/L
CRW020D	11/29/2022	FLOW RATE	0.20	gal/min
CRW020D	6/15/2023	FLOW RATE	0.10	gal/min
CRW020D	11/29/2022	pH	5.10	SU
CRW020D	6/15/2023	pH	4.80	SU
CRW020D	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW020D	11/29/2022	Redox Potential	225.00	mV
CRW020D	6/15/2023	Redox Potential	269.00	mV
CRW020D	11/29/2022	SPECIFIC CONDUCTANCE	49.00	uS/cm
CRW020D	6/15/2023	SPECIFIC CONDUCTANCE	48.00	uS/cm
CRW020D	11/29/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW020D	11/29/2022	TURBIDITY	0.50	NTU
CRW020D	6/15/2023	TURBIDITY	0.40	NTU
CRW020D	11/29/2022	WATER TEMPERATURE	20.80	degC
CRW020D	6/15/2023	WATER TEMPERATURE	20.90	degC
CRW021DR	11/29/2022	AIR TEMPERATURE	18.00	degC
CRW021DR	6/15/2023	AIR TEMPERATURE	24.00	degC
CRW021DR	11/29/2022	Dissolved Oxygen	4.50	mg/L
CRW021DR	6/15/2023	Dissolved Oxygen	7.68	mg/L
CRW021DR	11/29/2022	FLOW RATE	0.00	gal/min
CRW021DR	11/29/2022	pH	5.60	SU
CRW021DR	6/15/2023	pH	5.00	SU
CRW021DR	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW021DR	11/29/2022	Redox Potential	208.00	mV
CRW021DR	6/15/2023	Redox Potential	255.00	mV

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW021DR	11/29/2022	SPECIFIC CONDUCTANCE	46.00	uS/cm
CRW021DR	6/15/2023	SPECIFIC CONDUCTANCE	45.00	uS/cm
CRW021DR	11/29/2022	TOTAL ALKALINITY (AS CACO3)	8.00	mg/L
CRW021DR	11/29/2022	TURBIDITY	31.30	NTU
CRW021DR	6/15/2023	TURBIDITY	8.00	NTU
CRW021DR	11/29/2022	WATER TEMPERATURE	19.60	degC
CRW021DR	6/15/2023	WATER TEMPERATURE	20.90	degC
CRW022D	11/29/2022	AIR TEMPERATURE	20.00	degC
CRW022D	11/29/2022	Dissolved Oxygen	4.10	mg/L
CRW022D	11/29/2022	FLOW RATE	0.50	gal/min
CRW022D	11/29/2022	pH	5.50	SU
CRW022D	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW022D	11/29/2022	Redox Potential	202.00	mV
CRW022D	11/29/2022	SPECIFIC CONDUCTANCE	90.00	uS/cm
CRW022D	11/29/2022	TOTAL ALKALINITY (AS CACO3)	10.00	mg/L
CRW022D	11/29/2022	TURBIDITY	0.90	NTU
CRW022D	11/29/2022	WATER TEMPERATURE	21.00	degC
CRW023C	11/14/2022	AIR TEMPERATURE	13.00	degC
CRW023C	11/14/2022	AIR TEMPERATURE	13.00	degC
CRW023C	6/21/2023	AIR TEMPERATURE	21.00	degC
CRW023C	6/21/2023	AIR TEMPERATURE	21.00	degC
CRW023C	11/14/2022	Dissolved Oxygen	7.97	mg/L
CRW023C	11/14/2022	Dissolved Oxygen	7.97	mg/L
CRW023C	6/21/2023	Dissolved Oxygen	8.55	mg/L
CRW023C	6/21/2023	Dissolved Oxygen	8.55	mg/L
CRW023C	11/14/2022	FLOW RATE	0.20	gal/min
CRW023C	6/21/2023	FLOW RATE	0.20	gal/min
CRW023C	6/21/2023	FLOW RATE	0.20	gal/min
CRW023C	11/14/2022	pH	5.10	SU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW023C	11/14/2022	pH	5.10	SU
CRW023C	6/21/2023	pH	4.40	SU
CRW023C	6/21/2023	pH	4.40	SU
CRW023C	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW023C	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW023C	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW023C	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW023C	11/14/2022	Redox Potential	317.00	mV
CRW023C	11/14/2022	Redox Potential	317.00	mV
CRW023C	6/21/2023	Redox Potential	200.00	mV
CRW023C	6/21/2023	Redox Potential	200.00	mV
CRW023C	11/14/2022	SPECIFIC CONDUCTANCE	28.00	uS/cm
CRW023C	11/14/2022	SPECIFIC CONDUCTANCE	28.00	uS/cm
CRW023C	6/21/2023	SPECIFIC CONDUCTANCE	27.90	uS/cm
CRW023C	6/21/2023	SPECIFIC CONDUCTANCE	27.00	uS/cm
CRW023C	11/14/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW023C	11/14/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW023C	6/21/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW023C	6/21/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW023C	11/14/2022	TURBIDITY	9.70	NTU
CRW023C	6/21/2023	TURBIDITY	22.50	NTU
CRW023C	6/21/2023	TURBIDITY	22.50	NTU
CRW023C	11/14/2022	WATER TEMPERATURE	18.60	degC
CRW023C	11/14/2022	WATER TEMPERATURE	18.60	degC
CRW023C	6/21/2023	WATER TEMPERATURE	19.00	degC
CRW023C	6/21/2023	WATER TEMPERATURE	19.00	degC
CRW024C	11/14/2022	AIR TEMPERATURE	14.00	degC
CRW024C	6/21/2023	AIR TEMPERATURE	21.00	degC
CRW024C	11/14/2022	Dissolved Oxygen	7.42	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW024C	6/21/2023	Dissolved Oxygen	8.75	mg/L
CRW024C	11/14/2022	FLOW RATE	0.20	gal/min
CRW024C	6/21/2023	FLOW RATE	0.20	gal/min
CRW024C	11/14/2022	pH	4.90	SU
CRW024C	6/21/2023	pH	4.40	SU
CRW024C	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW024C	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW024C	11/14/2022	Redox Potential	330.00	mV
CRW024C	6/21/2023	Redox Potential	169.20	mV
CRW024C	11/14/2022	SPECIFIC CONDUCTANCE	30.00	uS/cm
CRW024C	6/21/2023	SPECIFIC CONDUCTANCE	277.00	uS/cm
CRW024C	11/14/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW024C	6/21/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW024C	11/14/2022	TURBIDITY	2.10	NTU
CRW024C	6/21/2023	TURBIDITY	12.70	NTU
CRW024C	11/14/2022	WATER TEMPERATURE	18.60	degC
CRW024C	6/21/2023	WATER TEMPERATURE	19.30	degC
CRW025C	11/14/2022	AIR TEMPERATURE	9.00	degC
CRW025C	6/21/2023	AIR TEMPERATURE	24.00	degC
CRW025C	11/14/2022	Dissolved Oxygen	9.57	mg/L
CRW025C	6/21/2023	Dissolved Oxygen	6.70	mg/L
CRW025C	11/14/2022	FLOW RATE	0.20	gal/min
CRW025C	6/21/2023	FLOW RATE	0.20	gal/min
CRW025C	11/14/2022	pH	4.30	SU
CRW025C	6/21/2023	pH	4.60	SU
CRW025C	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW025C	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW025C	11/14/2022	Redox Potential	342.00	mV
CRW025C	6/21/2023	Redox Potential	361.00	mV

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW025C	11/14/2022	SPECIFIC CONDUCTANCE	22.00	uS/cm
CRW025C	6/21/2023	SPECIFIC CONDUCTANCE	22.00	uS/cm
CRW025C	11/14/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW025C	6/21/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW025C	11/14/2022	TURBIDITY	6.40	NTU
CRW025C	6/21/2023	TURBIDITY	14.20	NTU
CRW025C	11/14/2022	WATER TEMPERATURE	17.80	degC
CRW025C	6/21/2023	WATER TEMPERATURE	18.60	degC
CRW026C	11/14/2022	AIR TEMPERATURE	10.00	degC
CRW026C	6/21/2023	AIR TEMPERATURE	24.00	degC
CRW026C	11/14/2022	Dissolved Oxygen	5.70	mg/L
CRW026C	6/21/2023	Dissolved Oxygen	1.85	mg/L
CRW026C	11/14/2022	FLOW RATE	0.20	gal/min
CRW026C	6/21/2023	FLOW RATE	0.20	gal/min
CRW026C	11/14/2022	pH	5.90	SU
CRW026C	6/21/2023	pH	5.85	SU
CRW026C	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW026C	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW026C	11/14/2022	Redox Potential	33.00	mV
CRW026C	6/21/2023	Redox Potential	58.00	mV
CRW026C	11/14/2022	SPECIFIC CONDUCTANCE	110.00	uS/cm
CRW026C	6/21/2023	SPECIFIC CONDUCTANCE	79.10	uS/cm
CRW026C	11/14/2022	TOTAL ALKALINITY (AS CACO3)	33.00	mg/L
CRW026C	6/21/2023	TOTAL ALKALINITY (AS CACO3)	10.00	mg/L
CRW026C	11/14/2022	TURBIDITY	10.60	NTU
CRW026C	6/21/2023	TURBIDITY	52.10	NTU
CRW026C	11/14/2022	WATER TEMPERATURE	17.60	degC
CRW026C	6/21/2023	WATER TEMPERATURE	18.88	degC
CRW027C	11/14/2022	AIR TEMPERATURE	10.00	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW027C	6/21/2023	AIR TEMPERATURE	23.00	degC
CRW027C	11/14/2022	Dissolved Oxygen	7.14	mg/L
CRW027C	6/21/2023	Dissolved Oxygen	8.38	mg/L
CRW027C	11/14/2022	FLOW RATE	0.20	gal/min
CRW027C	6/21/2023	FLOW RATE	0.20	gal/min
CRW027C	11/14/2022	pH	4.70	SU
CRW027C	6/21/2023	pH	4.39	SU
CRW027C	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW027C	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW027C	11/14/2022	Redox Potential	248.00	mV
CRW027C	6/21/2023	Redox Potential	218.00	mV
CRW027C	11/14/2022	SPECIFIC CONDUCTANCE	27.00	uS/cm
CRW027C	6/21/2023	SPECIFIC CONDUCTANCE	27.30	uS/cm
CRW027C	11/14/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW027C	6/21/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW027C	11/14/2022	TURBIDITY	0.80	NTU
CRW027C	6/21/2023	TURBIDITY	6.14	NTU
CRW027C	11/14/2022	WATER TEMPERATURE	18.90	degC
CRW027C	6/21/2023	WATER TEMPERATURE	18.37	degC
CRW028C	11/14/2022	AIR TEMPERATURE	10.00	degC
CRW028C	6/21/2023	AIR TEMPERATURE	23.00	degC
CRW028C	11/14/2022	Dissolved Oxygen	7.17	mg/L
CRW028C	6/21/2023	Dissolved Oxygen	8.46	mg/L
CRW028C	11/14/2022	FLOW RATE	0.20	gal/min
CRW028C	6/21/2023	FLOW RATE	0.20	gal/min
CRW028C	11/14/2022	pH	4.80	SU
CRW028C	6/21/2023	pH	4.48	SU
CRW028C	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW028C	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW028C	11/14/2022	Redox Potential	240.00	mV
CRW028C	6/21/2023	Redox Potential	177.00	mV
CRW028C	11/14/2022	SPECIFIC CONDUCTANCE	29.00	uS/cm
CRW028C	6/21/2023	SPECIFIC CONDUCTANCE	24.80	uS/cm
CRW028C	11/14/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW028C	6/21/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW028C	11/14/2022	TURBIDITY	3.10	NTU
CRW028C	6/21/2023	TURBIDITY	9.70	NTU
CRW028C	11/14/2022	WATER TEMPERATURE	18.70	degC
CRW028C	6/21/2023	WATER TEMPERATURE	18.90	degC
CRW029C	11/14/2022	AIR TEMPERATURE	9.00	degC
CRW029C	6/21/2023	AIR TEMPERATURE	26.00	degC
CRW029C	11/14/2022	Dissolved Oxygen	6.73	mg/L
CRW029C	6/21/2023	Dissolved Oxygen	7.90	mg/L
CRW029C	11/14/2022	FLOW RATE	0.20	gal/min
CRW029C	6/21/2023	FLOW RATE	0.10	gal/min
CRW029C	11/14/2022	pH	5.90	SU
CRW029C	6/21/2023	pH	5.10	SU
CRW029C	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW029C	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW029C	11/14/2022	Redox Potential	180.00	mV
CRW029C	6/21/2023	Redox Potential	347.00	mV
CRW029C	11/14/2022	SPECIFIC CONDUCTANCE	31.00	uS/cm
CRW029C	6/21/2023	SPECIFIC CONDUCTANCE	32.00	uS/cm
CRW029C	11/14/2022	TOTAL ALKALINITY (AS CACO3)	5.00	mg/L
CRW029C	6/21/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW029C	11/14/2022	TURBIDITY	6.30	NTU
CRW029C	6/21/2023	TURBIDITY	5.60	NTU
CRW029C	11/14/2022	WATER TEMPERATURE	17.40	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CRW029C	6/21/2023	WATER TEMPERATURE	19.40	degC
CRW030C	11/14/2022	AIR TEMPERATURE	9.00	degC
CRW030C	6/21/2023	AIR TEMPERATURE	28.00	degC
CRW030C	11/14/2022	Dissolved Oxygen	5.20	mg/L
CRW030C	6/21/2023	Dissolved Oxygen	8.60	mg/L
CRW030C	11/14/2022	FLOW RATE	0.20	gal/min
CRW030C	6/21/2023	FLOW RATE	0.10	gal/min
CRW030C	11/14/2022	pH	5.20	SU
CRW030C	6/21/2023	pH	4.40	SU
CRW030C	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW030C	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CRW030C	11/14/2022	Redox Potential	201.00	mV
CRW030C	6/21/2023	Redox Potential	350.00	mV
CRW030C	11/14/2022	SPECIFIC CONDUCTANCE	23.00	uS/cm
CRW030C	6/21/2023	SPECIFIC CONDUCTANCE	25.00	uS/cm
CRW030C	11/14/2022	TOTAL ALKALINITY (AS CACO3)	2.00	mg/L
CRW030C	6/21/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CRW030C	11/14/2022	TURBIDITY	1.80	NTU
CRW030C	6/21/2023	TURBIDITY	1.90	NTU
CRW030C	11/14/2022	WATER TEMPERATURE	18.50	degC
CRW030C	6/21/2023	WATER TEMPERATURE	19.00	degC
CSB 3C	11/29/2022	AIR TEMPERATURE	8.00	degC
CSB 3C	11/29/2022	Dissolved Oxygen	4.20	mg/L
CSB 3C	11/29/2022	FLOW RATE	0.20	gal/min
CSB 3C	11/29/2022	pH	5.40	SU
CSB 3C	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB 3C	11/29/2022	Redox Potential	205.00	mV
CSB 3C	11/29/2022	SPECIFIC CONDUCTANCE	26.00	uS/cm
CSB 3C	11/29/2022	TOTAL ALKALINITY (AS CACO3)	6.00	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSB 3C	11/29/2022	TURBIDITY	1.40	NTU
CSB 3C	11/29/2022	WATER TEMPERATURE	19.80	degC
CSB 9D	11/29/2022	AIR TEMPERATURE	14.00	degC
CSB 9D	11/29/2022	Dissolved Oxygen	9.40	mg/L
CSB 9D	11/29/2022	FLOW RATE	0.20	gal/min
CSB 9D	11/29/2022	pH	5.30	SU
CSB 9D	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB 9D	11/29/2022	Redox Potential	242.00	mV
CSB 9D	11/29/2022	SPECIFIC CONDUCTANCE	30.00	uS/cm
CSB 9D	11/29/2022	TOTAL ALKALINITY (AS CACO3)	5.00	mg/L
CSB 9D	11/29/2022	TURBIDITY	2.30	NTU
CSB 9D	11/29/2022	WATER TEMPERATURE	19.60	degC
CSB011B	11/29/2022	AIR TEMPERATURE	11.00	degC
CSB011B	11/29/2022	Dissolved Oxygen	4.40	mg/L
CSB011B	11/29/2022	pH	7.70	SU
CSB011B	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB011B	11/29/2022	Redox Potential	160.00	mV
CSB011B	11/29/2022	SPECIFIC CONDUCTANCE	133.00	uS/cm
CSB011B	11/29/2022	TOTAL ALKALINITY (AS CACO3)	44.00	mg/L
CSB011B	11/29/2022	TURBIDITY	15.00	NTU
CSB011B	11/29/2022	WATER TEMPERATURE	15.80	degC
CSB011C	11/29/2022	AIR TEMPERATURE	13.00	degC
CSB011C	11/29/2022	Dissolved Oxygen	4.30	mg/L
CSB011C	11/29/2022	pH	6.70	SU
CSB011C	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB011C	11/29/2022	Redox Potential	146.00	mV
CSB011C	11/29/2022	SPECIFIC CONDUCTANCE	70.00	uS/cm
CSB011C	11/29/2022	TOTAL ALKALINITY (AS CACO3)	32.00	mg/L
CSB011C	11/29/2022	TURBIDITY	54.40	NTU

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSB011C	11/29/2022	WATER TEMPERATURE	17.60	degC
CSB 11D	11/29/2022	AIR TEMPERATURE	10.00	degC
CSB 11D	11/29/2022	Dissolved Oxygen	5.80	mg/L
CSB 11D	11/29/2022	FLOW RATE	0.20	gal/min
CSB 11D	11/29/2022	pH	5.40	SU
CSB 11D	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB 11D	11/29/2022	Redox Potential	216.00	mV
CSB 11D	11/29/2022	SPECIFIC CONDUCTANCE	41.00	uS/cm
CSB 11D	11/29/2022	TOTAL ALKALINITY (AS CACO3)	6.00	mg/L
CSB 11D	11/29/2022	TURBIDITY	1.00	NTU
CSB 11D	11/29/2022	WATER TEMPERATURE	16.60	degC
CSB 12D	11/29/2022	AIR TEMPERATURE	20.00	degC
CSB 12D	11/29/2022	Dissolved Oxygen	6.00	mg/L
CSB 12D	11/29/2022	FLOW RATE	0.50	gal/min
CSB 12D	11/29/2022	pH	6.60	SU
CSB 12D	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB 12D	11/29/2022	Redox Potential	-60.00	mV
CSB 12D	11/29/2022	SPECIFIC CONDUCTANCE	114.00	uS/cm
CSB 12D	11/29/2022	TOTAL ALKALINITY (AS CACO3)	54.00	mg/L
CSB 12D	11/29/2022	TURBIDITY	0.20	NTU
CSB 12D	11/29/2022	WATER TEMPERATURE	19.20	degC
CSB013B	11/28/2022	AIR TEMPERATURE	18.00	degC
CSB013B	11/28/2022	pH	10.00	SU
CSB013B	11/28/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	19.00	mg/L
CSB013B	11/28/2022	SPECIFIC CONDUCTANCE	140.00	uS/cm
CSB013B	11/28/2022	TOTAL ALKALINITY (AS CACO3)	34.00	mg/L
CSB013B	11/28/2022	TURBIDITY	8.40	NTU
CSB013B	11/28/2022	WATER TEMPERATURE	17.80	degC
CSB 13D	11/28/2022	AIR TEMPERATURE	21.00	degC

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSB 13D	11/28/2022	pH	6.80	SU
CSB 13D	11/28/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB 13D	11/28/2022	SPECIFIC CONDUCTANCE	34.00	uS/cm
CSB 13D	11/28/2022	TOTAL ALKALINITY (AS CACO3)	11.00	mg/L
CSB 13D	11/28/2022	TURBIDITY	9.50	NTU
CSB 13D	11/28/2022	WATER TEMPERATURE	18.90	degC
CSB015B	11/30/2022	AIR TEMPERATURE	16.00	degC
CSB015B	11/30/2022	Dissolved Oxygen	4.90	mg/L
CSB015B	11/30/2022	pH	6.30	SU
CSB015B	11/30/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB015B	11/30/2022	Redox Potential	175.00	mV
CSB015B	11/30/2022	SPECIFIC CONDUCTANCE	76.00	uS/cm
CSB015B	11/30/2022	TOTAL ALKALINITY (AS CACO3)	25.00	mg/L
CSB015B	11/30/2022	TURBIDITY	24.00	NTU
CSB015B	11/30/2022	WATER TEMPERATURE	18.70	degC
CSB 15D	11/14/2022	AIR TEMPERATURE	12.00	degC
CSB 15D	6/21/2023	AIR TEMPERATURE	23.00	degC
CSB 15D	11/14/2022	Dissolved Oxygen	4.40	mg/L
CSB 15D	6/21/2023	Dissolved Oxygen	8.70	mg/L
CSB 15D	11/14/2022	FLOW RATE	0.20	gal/min
CSB 15D	6/21/2023	FLOW RATE	0.20	gal/min
CSB 15D	11/14/2022	pH	5.70	SU
CSB 15D	6/21/2023	pH	4.40	SU
CSB 15D	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB 15D	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB 15D	11/14/2022	Redox Potential	250.00	mV
CSB 15D	6/21/2023	Redox Potential	336.00	mV
CSB 15D	11/14/2022	SPECIFIC CONDUCTANCE	26.00	uS/cm
CSB 15D	6/21/2023	SPECIFIC CONDUCTANCE	26.00	uS/cm

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSB 15D	11/14/2022	TOTAL ALKALINITY (AS CACO3)	8.00	mg/L
CSB 15D	6/21/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CSB 15D	11/14/2022	TURBIDITY	8.60	NTU
CSB 15D	6/21/2023	TURBIDITY	3.50	NTU
CSB 15D	11/14/2022	WATER TEMPERATURE	18.40	degC
CSB 15D	6/21/2023	WATER TEMPERATURE	18.00	degC
CSB017B	11/30/2022	AIR TEMPERATURE	16.00	degC
CSB017B	11/30/2022	Dissolved Oxygen	5.10	mg/L
CSB017B	11/30/2022	pH	7.30	SU
CSB017B	11/30/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB017B	11/30/2022	Redox Potential	187.00	mV
CSB017B	11/30/2022	SPECIFIC CONDUCTANCE	103.00	uS/cm
CSB017B	11/30/2022	TOTAL ALKALINITY (AS CACO3)	44.00	mg/L
CSB017B	11/30/2022	TURBIDITY	6.60	NTU
CSB017B	11/30/2022	WATER TEMPERATURE	19.70	degC
CSB017D	11/30/2022	AIR TEMPERATURE	16.00	degC
CSB017D	11/30/2022	Dissolved Oxygen	4.80	mg/L
CSB017D	11/30/2022	pH	5.80	SU
CSB017D	11/30/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB017D	11/30/2022	Redox Potential	231.00	mV
CSB017D	11/30/2022	SPECIFIC CONDUCTANCE	37.00	uS/cm
CSB017D	11/30/2022	TOTAL ALKALINITY (AS CACO3)	12.00	mg/L
CSB017D	11/30/2022	TURBIDITY	30.70	NTU
CSB017D	11/30/2022	WATER TEMPERATURE	17.50	degC
CSB019B	11/30/2022	AIR TEMPERATURE	17.00	degC
CSB019B	11/30/2022	Dissolved Oxygen	5.10	mg/L
CSB019B	11/30/2022	pH	5.80	SU
CSB019B	11/30/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB019B	11/30/2022	Redox Potential	247.00	mV

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSB019B	11/30/2022	SPECIFIC CONDUCTANCE	38.00	uS/cm
CSB019B	11/30/2022	TOTAL ALKALINITY (AS CACO3)	12.00	mg/L
CSB019B	11/30/2022	TURBIDITY	16.40	NTU
CSB019B	11/30/2022	WATER TEMPERATURE	18.70	degC
CSB019C	11/30/2022	AIR TEMPERATURE	17.00	degC
CSB019C	11/30/2022	Dissolved Oxygen	5.80	mg/L
CSB019C	11/30/2022	pH	5.50	SU
CSB019C	11/30/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB019C	11/30/2022	Redox Potential	255.00	mV
CSB019C	11/30/2022	SPECIFIC CONDUCTANCE	18.00	uS/cm
CSB019C	11/30/2022	TOTAL ALKALINITY (AS CACO3)	8.00	mg/L
CSB019C	11/30/2022	TURBIDITY	16.90	NTU
CSB019C	11/30/2022	WATER TEMPERATURE	18.20	degC
CSB020C	11/14/2022	AIR TEMPERATURE	6.00	degC
CSB020C	6/21/2023	AIR TEMPERATURE	24.00	degC
CSB020C	11/14/2022	Dissolved Oxygen	4.20	mg/L
CSB020C	6/21/2023	Dissolved Oxygen	8.60	mg/L
CSB020C	11/14/2022	FLOW RATE	0.20	gal/min
CSB020C	6/21/2023	FLOW RATE	0.20	gal/min
CSB020C	11/14/2022	pH	5.60	SU
CSB020C	6/21/2023	pH	4.50	SU
CSB020C	11/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB020C	6/21/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB020C	11/14/2022	Redox Potential	232.00	mV
CSB020C	6/21/2023	Redox Potential	375.00	mV
CSB020C	11/14/2022	SPECIFIC CONDUCTANCE	30.00	uS/cm
CSB020C	6/21/2023	SPECIFIC CONDUCTANCE	30.00	uS/cm
CSB020C	11/14/2022	TOTAL ALKALINITY (AS CACO3)	10.00	mg/L
CSB020C	6/21/2023	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSB020C	11/14/2022	TURBIDITY	9.00	NTU
CSB020C	6/21/2023	TURBIDITY	3.20	NTU
CSB020C	11/14/2022	WATER TEMPERATURE	18.20	degC
CSB020C	6/21/2023	WATER TEMPERATURE	18.80	degC
CSB021D	11/30/2022	AIR TEMPERATURE	17.00	degC
CSB021D	11/30/2022	Dissolved Oxygen	3.17	mg/L
CSB021D	11/30/2022	FLOW RATE	0.00	gal/min
CSB021D	11/30/2022	pH	5.40	SU
CSB021D	11/30/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSB021D	11/30/2022	Redox Potential	143.00	mV
CSB021D	11/30/2022	SPECIFIC CONDUCTANCE	34.00	uS/cm
CSB021D	11/30/2022	TOTAL ALKALINITY (AS CACO3)	3.00	mg/L
CSB021D	11/30/2022	TURBIDITY	56.00	NTU
CSB021D	11/30/2022	WATER TEMPERATURE	17.30	degC
CSL001	11/30/2022	AIR TEMPERATURE	18.00	degC
CSL001	11/30/2022	Dissolved Oxygen	3.61	mg/L
CSL001	11/30/2022	FLOW RATE	0.10	gal/min
CSL001	11/30/2022	pH	7.80	SU
CSL001	11/30/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
CSL001	11/30/2022	Redox Potential	151.00	mV
CSL001	11/30/2022	SPECIFIC CONDUCTANCE	151.00	uS/cm
CSL001	11/30/2022	TOTAL ALKALINITY (AS CACO3)	75.00	mg/L
CSL001	11/30/2022	TURBIDITY	7.20	NTU
CSL001	11/30/2022	WATER TEMPERATURE	16.80	degC
CSL002	11/30/2022	AIR TEMPERATURE	17.00	degC
CSL002	11/30/2022	Dissolved Oxygen	2.42	mg/L
CSL002	11/30/2022	FLOW RATE	0.20	gal/min
CSL002	11/30/2022	pH	4.80	SU
CSL002	11/30/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
CSL002	11/30/2022	Redox Potential	152.00	mV
CSL002	11/30/2022	SPECIFIC CONDUCTANCE	22.00	uS/cm
CSL002	11/30/2022	TOTAL ALKALINITY (AS CACO3)	0.00	mg/L
CSL002	11/30/2022	TURBIDITY	24.60	NTU
CSL002	11/30/2022	WATER TEMPERATURE	17.70	degC
FMT 01	11/29/2022	AIR TEMPERATURE	12.70	degC
FMT 01	6/14/2023	AIR TEMPERATURE	22.00	degC
FMT 01	6/14/2023	FLOW RATE	0.00	ft3/s
FMT 01	11/29/2022	OXIDATION/REDUCTION POTENTIAL	233.00	mV
FMT 01	6/14/2023	OXIDATION/REDUCTION POTENTIAL	122.00	mV
FMT 01	11/29/2022	OXYGEN	8.49	mg/L
FMT 01	6/14/2023	OXYGEN	7.73	mg/L
FMT 01	11/29/2022	PH	5.10	pH
FMT 01	6/14/2023	PH	5.80	pH
FMT 01	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
FMT 01	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
FMT 01	11/29/2022	SPECIFIC CONDUCTANCE	26.00	uS/cm
FMT 01	6/14/2023	SPECIFIC CONDUCTANCE	32.00	uS/cm
FMT 01	11/29/2022	TOTAL ALKALINITY (AS CACO3)	1.00	mg/L
FMT 01	6/14/2023	TOTAL ALKALINITY (AS CACO3)	4.00	mg/L
FMT 01	11/29/2022	TURBIDITY	6.60	NTU
FMT 01	6/14/2023	TURBIDITY	297.00	NTU
FMT 01	11/29/2022	WATER TEMPERATURE	10.90	degC
FMT 01	6/14/2023	WATER TEMPERATURE	19.90	degC
FMT 02	11/29/2022	AIR TEMPERATURE	16.90	degC
FMT 02	6/14/2023	AIR TEMPERATURE	23.00	degC
FMT 02	6/14/2023	FLOW RATE	0.14	ft3/s
FMT 02	11/29/2022	OXIDATION/REDUCTION POTENTIAL	250.00	mV
FMT 02	6/14/2023	OXIDATION/REDUCTION POTENTIAL	162.00	mV

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
FMT 02	11/29/2022	OXYGEN	7.50	mg/L
FMT 02	6/14/2023	OXYGEN	6.69	mg/L
FMT 02	11/29/2022	PH	5.30	pH
FMT 02	6/14/2023	PH	5.60	pH
FMT 02	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
FMT 02	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
FMT 02	11/29/2022	SPECIFIC CONDUCTANCE	19.00	uS/cm
FMT 02	6/14/2023	SPECIFIC CONDUCTANCE	16.00	uS/cm
FMT 02	11/29/2022	TOTAL ALKALINITY (AS CACO3)	1.00	mg/L
FMT 02	6/14/2023	TOTAL ALKALINITY (AS CACO3)	3.00	mg/L
FMT 02	11/29/2022	TURBIDITY	3.20	NTU
FMT 02	6/14/2023	TURBIDITY	31.90	NTU
FMT 02	11/29/2022	WATER TEMPERATURE	11.70	degC
FMT 02	6/14/2023	WATER TEMPERATURE	20.30	degC
FM-TL	11/29/2022	AIR TEMPERATURE	7.80	degC
FM-TL	6/14/2023	AIR TEMPERATURE	24.00	degC
FM-TL	11/29/2022	FLOW RATE	2.26	ft3/min
FM-TL	6/14/2023	FLOW RATE	3.05	ft3/s
FM-TL	11/29/2022	OXIDATION/REDUCTION POTENTIAL	157.00	mV
FM-TL	6/14/2023	OXIDATION/REDUCTION POTENTIAL	47.00	mV
FM-TL	11/29/2022	OXYGEN	10.42	mg/L
FM-TL	6/14/2023	OXYGEN	7.14	mg/L
FM-TL	11/29/2022	PH	6.60	pH
FM-TL	6/14/2023	PH	6.50	pH
FM-TL	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
FM-TL	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
FM-TL	11/29/2022	SPECIFIC CONDUCTANCE	96.00	uS/cm
FM-TL	6/14/2023	SPECIFIC CONDUCTANCE	139.00	uS/cm
FM-TL	11/29/2022	TOTAL ALKALINITY (AS CACO3)	21.00	mg/L

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
FM-TL	6/14/2023	TOTAL ALKALINITY (AS CACO3)	21.00	mg/L
FM-TL	11/29/2022	TURBIDITY	5.60	NTU
FM-TL	6/14/2023	TURBIDITY	9.10	NTU
FM-TL	11/29/2022	WATER TEMPERATURE	9.90	degC
FM-TL	6/14/2023	WATER TEMPERATURE	21.00	degC
TL 01	11/29/2022	AIR TEMPERATURE	5.90	degC
TL 01	6/14/2023	AIR TEMPERATURE	21.00	degC
TL 01	6/14/2023	AIR TEMPERATURE	21.00	degC
TL 01	6/14/2023	FLOW RATE	0.00	ft3/s
TL 01	6/14/2023	FLOW RATE	0.00	ft3/s
TL 01	6/14/2023	OXIDATION/REDUCTION POTENTIAL	162.00	mV
TL 01	6/14/2023	OXIDATION/REDUCTION POTENTIAL	162.00	mV
TL 01	6/14/2023	OXYGEN	8.42	mg/L
TL 01	6/14/2023	OXYGEN	8.42	mg/L
TL 01	6/14/2023	PH	6.90	pH
TL 01	6/14/2023	PH	6.90	pH
TL 01	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
TL 01	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
TL 01	6/14/2023	SPECIFIC CONDUCTANCE	99.00	uS/cm
TL 01	6/14/2023	SPECIFIC CONDUCTANCE	99.00	uS/cm
TL 01	6/14/2023	TOTAL ALKALINITY (AS CACO3)	18.00	mg/L
TL 01	6/14/2023	TOTAL ALKALINITY (AS CACO3)	18.00	mg/L
TL 01	6/14/2023	TURBIDITY	990.00	NTU
TL 01	6/14/2023	TURBIDITY	990.00	NTU
TL 01	6/14/2023	WATER TEMPERATURE	20.70	degC
TL 01	6/14/2023	WATER TEMPERATURE	20.70	degC
TL 03	11/29/2022	AIR TEMPERATURE	6.30	degC
TL 03	6/14/2023	AIR TEMPERATURE	20.00	degC
TL 03	6/14/2023	FLOW RATE	0.00	ft3/s

Table F-1. CAGW OU Field Measurements				
Station	**Sample Date**	**Analyte**	**Result**	**Units**
TL 03	11/29/2022	OXIDATION/REDUCTION POTENTIAL	150.00	mV
TL 03	6/14/2023	OXIDATION/REDUCTION POTENTIAL	168.00	mV
TL 03	11/29/2022	OXYGEN	4.46	mg/L
TL 03	6/14/2023	OXYGEN	8.87	mg/L
TL 03	11/29/2022	PH	6.10	pH
TL 03	6/14/2023	PH	7.50	pH
TL 03	11/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
TL 03	6/14/2023	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0.00	mg/L
TL 03	11/29/2022	SPECIFIC CONDUCTANCE	78.00	uS/cm
TL 03	6/14/2023	SPECIFIC CONDUCTANCE	89.00	uS/cm
TL 03	11/29/2022	TOTAL ALKALINITY (AS CACO3)	8.00	mg/L
TL 03	6/14/2023	TOTAL ALKALINITY (AS CACO3)	20.00	mg/L
TL 03	11/29/2022	TURBIDITY	7.90	NTU
TL 03	6/14/2023	TURBIDITY	8.68	NTU
TL 03	11/29/2022	WATER TEMPERATURE	10.30	degC
TL 03	6/14/2023	WATER TEMPERATURE	20.60	degC

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 01	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CC 01	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CC 01	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CC 01	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CC 01	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CC 01	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CC 01	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 01	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CC 01	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 01	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 01	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CC 01	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.66	ug/L
CC 01	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 01	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CC 01	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CC 01	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CC 01	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 01	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 01	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CC 01	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
CC 01	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 01	11/29/2022	TRITIUM	0.772	1.000		21.70	pCi/mL
CC 01	6/14/2023	TRITIUM		1.000		17.40	pCi/mL
CC 01	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CC 02	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CC 02	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CC 02	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CC 02	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CC 02	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CC 02	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 02	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CC 02	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 02	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CC 02	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 02	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 02	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CC 02	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.70	ug/L
CC 02	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CC 02	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CC 02	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CC 02	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CC 02	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 02	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 02	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CC 02	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
CC 02	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 02	11/29/2022	TRITIUM	0.766	1.000		22.80	pCi/mL
CC 02	6/14/2023	TRITIUM		1.000		17.70	pCi/mL
CC 02	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CC 03	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 03	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CC 03	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CC 03	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CC 03	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CC 03	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CC 03	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CC 03	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 03	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CC 03	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 03	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 03	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CC 03	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.62	ug/L
CC 03	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CC 03	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 03	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CC 03	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CC 03	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 03	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 03	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CC 03	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
CC 03	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 03	11/29/2022	TRITIUM	0.813	1.000		39.70	pCi/mL
CC 03	6/14/2023	TRITIUM		1.000		30.20	pCi/mL
CC 03	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CC 04	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CC 04	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CC 04	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CC 04	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CC 04	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CC 04	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 04	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 04	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CC 04	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 04	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 04	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CC 04	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.63	ug/L
CC 04	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CC 04	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CC 04	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CC 04	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CC 04	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 04	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 04	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CC 04	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
CC 04	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 04	11/29/2022	TRITIUM	0.783	1.000		29.50	pCi/mL
CC 04	6/14/2023	TRITIUM		1.000		24.90	pCi/mL
CC 04	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CC 05	11/15/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CC 05	6/13/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 05	11/15/2022	CARBON DIOXIDE	2540.000	18000.000		21600.00	ug/L
CC 05	6/13/2023	CARBON DIOXIDE	585.000	1200.000		10100.00	ug/L
CC 05	11/15/2022	CHLORIDE	0.067	0.200		2.30	mg/L
CC 05	6/13/2023	CHLORIDE	0.067	0.200		2.40	mg/L
CC 05	11/15/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 05	6/13/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CC 05	11/15/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 05	6/13/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 05	11/15/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CC 05	6/13/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CC 05	11/15/2022	METHANE	2.000	5.000	U	5.00	ug/L
CC 05	6/13/2023	METHANE	2.000	5.000	U	5.00	ug/L
CC 05	11/15/2022	NITRATE	0.033	0.100		0.54	mg/L
CC 05	6/13/2023	NITRATE	0.033	0.100		0.55	mg/L
CC 05	11/15/2022	SULFATE	0.133	0.400		0.76	mg/L
CC 05	6/13/2023	SULFATE	0.133	0.400		0.86	mg/L
CC 05	11/15/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CC 05	6/13/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CC 05	11/15/2022	TOTAL ORGANIC CARBON	0.330	1.000	J	0.66	mg/L
CC 05	6/13/2023	TOTAL ORGANIC CARBON	0.330	1.000	J	0.67	mg/L
CC 05	11/15/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 05	6/13/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 05	11/15/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CC 05	6/13/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	J	0.83	ug/L
CC 05	11/15/2022	TRITIUM	0.603	1.000		18.70	pCi/mL
CC 05	6/13/2023	TRITIUM		1.000		16.10	pCi/mL
CC 06	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 06	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CC 06	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CC 06	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CC 06	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CC 06	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CC 06	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CC 06	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CC 06	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CC 06	11/29/2022	ACETONE	1.740	5.000	J	1.75	ug/L
CC 06	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CC 06	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CC 06	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 06	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 06	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CC 06	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CC 06	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 06	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 06	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 06	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CC 06	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CC 06	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.68	ug/L
CC 06	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.69	ug/L
CC 06	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CC 06	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CC 06	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CC 06	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CC 06	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 06	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CC 06	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CC 06	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CC 06	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 06	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 06	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 06	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		1.30	ug/L
CC 06	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		1.22	ug/L
CC 06	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	J	0.46	ug/L
CC 06	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	J	0.41	ug/L
CC 06	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CC 06	11/29/2022	TRITIUM	0.770	1.000	U	0.42	pCi/mL
CC 06	11/29/2022	TRITIUM	0.772	1.000	U	0.75	pCi/mL
CC 06	6/14/2023	TRITIUM		1.000	J	0.58	pCi/mL
CC 06	6/14/2023	TRITIUM		1.000	J	0.47	pCi/mL
CC 06	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CC 06	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CC 07	11/15/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CC 07	6/13/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CC 07	11/15/2022	CARBON DIOXIDE	2540.000	18000.000		18900.00	ug/L
CC 07	6/13/2023	CARBON DIOXIDE	585.000	1200.000		12800.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 07	11/15/2022	CHLORIDE	0.067	0.200		2.46	mg/L
CC 07	6/13/2023	CHLORIDE	0.067	0.200		2.40	mg/L
CC 07	11/15/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 07	6/13/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CC 07	11/15/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 07	6/13/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 07	11/15/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CC 07	6/13/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CC 07	11/15/2022	METHANE	2.000	5.000	U	5.00	ug/L
CC 07	6/13/2023	METHANE	2.000	5.000	U	5.00	ug/L
CC 07	11/15/2022	NITRATE	0.033	0.100		0.54	mg/L
CC 07	6/13/2023	NITRATE	0.033	0.100		0.55	mg/L
CC 07	11/15/2022	SULFATE	0.133	0.400		0.81	mg/L
CC 07	6/13/2023	SULFATE	0.133	0.400		0.86	mg/L
CC 07	11/15/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CC 07	6/13/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CC 07	11/15/2022	TOTAL ORGANIC CARBON	0.330	1.000	J	0.60	mg/L
CC 07	6/13/2023	TOTAL ORGANIC CARBON	0.330	1.000	J	0.66	mg/L
CC 07	11/15/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 07	6/13/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 07	11/15/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	J	0.82	ug/L
CC 07	6/13/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	J	0.67	ug/L
CC 07	11/15/2022	TRITIUM	0.596	1.000	J	1.04	pCi/mL
CC 07	6/13/2023	TRITIUM		1.000	J	0.47	pCi/mL
CC 08	11/15/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CC 08	6/13/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CC 08	11/15/2022	CARBON DIOXIDE	2540.000	18000.000		21700.00	ug/L
CC 08	6/13/2023	CARBON DIOXIDE	585.000	1200.000		12100.00	ug/L
CC 08	11/15/2022	CHLORIDE	0.067	0.200		2.34	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CC 08	6/13/2023	CHLORIDE	0.067	0.200		2.41	mg/L
CC 08	11/15/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CC 08	6/13/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CC 08	11/15/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 08	6/13/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 08	11/15/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CC 08	6/13/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CC 08	11/15/2022	METHANE	2.000	5.000	U	5.00	ug/L
CC 08	6/13/2023	METHANE	2.000	5.000	U	5.00	ug/L
CC 08	11/15/2022	NITRATE	0.033	0.100		0.55	mg/L
CC 08	6/13/2023	NITRATE	0.033	0.100		0.56	mg/L
CC 08	11/15/2022	SULFATE	0.133	0.400		0.76	mg/L
CC 08	6/13/2023	SULFATE	0.133	0.400		0.86	mg/L
CC 08	11/15/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CC 08	6/13/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CC 08	11/15/2022	TOTAL ORGANIC CARBON	0.330	1.000	J	0.88	mg/L
CC 08	6/13/2023	TOTAL ORGANIC CARBON	0.330	1.000	J	0.73	mg/L
CC 08	11/15/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CC 08	6/13/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CC 08	11/15/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		1.06	ug/L
CC 08	6/13/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		1.04	ug/L
CC 08	11/15/2022	TRITIUM	0.602	1.000		16.70	pCi/mL
CC 08	6/13/2023	TRITIUM		1.000		14.90	pCi/mL
CCSL-08	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CCSL-08	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CCSL-08	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		38600.00	ug/L
CCSL-08	6/21/2023	CARBON DIOXIDE	585.000	1200.000		39200.00	ug/L
CCSL-08	11/14/2022	CHLORIDE	0.067	0.200		2.30	mg/L
CCSL-08	6/21/2023	CHLORIDE	0.067	0.200		2.69	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CCSL-08	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CCSL-08	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CCSL-08	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CCSL-08	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CCSL-08	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CCSL-08	6/21/2023	ETHYLENE	1.200	5.000	U	5.00	ug/L
CCSL-08	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CCSL-08	6/21/2023	METHANE	9.900	25.000	U	25.00	ug/L
CCSL-08	11/14/2022	NITRATE	0.033	0.100		0.59	mg/L
CCSL-08	6/21/2023	NITRATE	0.033	0.100		0.80	mg/L
CCSL-08	11/14/2022	SULFATE	0.133	0.400		0.69	mg/L
CCSL-08	6/21/2023	SULFATE	0.133	0.400		0.45	mg/L
CCSL-08	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CCSL-08	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CCSL-08	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	J	0.81	mg/L
CCSL-08	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	J	0.94	mg/L
CCSL-08	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CCSL-08	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CCSL-08	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		4.50	ug/L
CCSL-08	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		7.05	ug/L
CCSL-08	11/14/2022	TRITIUM	0.707	1.000		81.00	pCi/mL
CCSL-08	6/21/2023	TRITIUM		1.000		89.70	pCi/mL
CCSL-11	11/16/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CCSL-11	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CCSL-11	11/16/2022	CARBON DIOXIDE	2540.000	18000.000		20700.00	ug/L
CCSL-11	6/21/2023	CARBON DIOXIDE	585.000	1200.000		9400.00	ug/L
CCSL-11	11/16/2022	CHLORIDE	0.067	0.200		2.78	mg/L
CCSL-11	6/21/2023	CHLORIDE	0.067	0.200		3.00	mg/L
CCSL-11	11/16/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CCSL-11	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CCSL-11	11/16/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CCSL-11	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CCSL-11	11/16/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CCSL-11	6/21/2023	ETHYLENE	1.200	5.000	U	5.00	ug/L
CCSL-11	11/16/2022	METHANE	2.000	5.000	U	5.00	ug/L
CCSL-11	6/21/2023	METHANE	9.900	25.000	U	25.00	ug/L
CCSL-11	11/16/2022	NITRATE	0.033	0.100		0.30	mg/L
CCSL-11	6/21/2023	NITRATE	0.033	0.100	J	0.82	mg/L
CCSL-11	11/16/2022	SULFATE	0.133	0.400		0.56	mg/L
CCSL-11	6/21/2023	SULFATE	0.133	0.400		0.81	mg/L
CCSL-11	11/16/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CCSL-11	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CCSL-11	11/16/2022	TOTAL ORGANIC CARBON	0.330	1.000		1.40	mg/L
CCSL-11	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000		2.07	mg/L
CCSL-11	11/16/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CCSL-11	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CCSL-11	11/16/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	J	0.89	ug/L
CCSL-11	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
CCSL-11	11/16/2022	TRITIUM	0.587	1.000	U	0.19	pCi/mL
CCSL-11	6/21/2023	TRITIUM		1.000		72.50	pCi/mL
CCSL-14	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CCSL-14	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CCSL-14	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		36900.00	ug/L
CCSL-14	6/21/2023	CARBON DIOXIDE	585.000	1200.000		8260.00	ug/L
CCSL-14	11/14/2022	CHLORIDE	0.067	0.200		2.18	mg/L
CCSL-14	6/21/2023	CHLORIDE	0.067	0.200		2.55	mg/L
CCSL-14	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CCSL-14	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CCSL-14	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CCSL-14	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CCSL-14	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CCSL-14	6/21/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CCSL-14	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CCSL-14	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CCSL-14	11/14/2022	NITRATE	0.033	0.100		0.49	mg/L
CCSL-14	6/21/2023	NITRATE	0.033	0.100		0.69	mg/L
CCSL-14	11/14/2022	SULFATE	0.133	0.400	J	0.38	mg/L
CCSL-14	6/21/2023	SULFATE	0.133	0.400	J	0.37	mg/L
CCSL-14	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CCSL-14	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CCSL-14	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CCSL-14	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	J	0.41	mg/L
CCSL-14	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CCSL-14	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CCSL-14	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		4.46	ug/L
CCSL-14	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		3.43	ug/L
CCSL-14	11/14/2022	TRITIUM	0.702	1.000		98.20	pCi/mL
CCSL-14	6/21/2023	TRITIUM		1.000		99.70	pCi/mL
CCT 01	11/15/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CCT 01	6/13/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CCT 01	11/15/2022	CARBON DIOXIDE	2540.000	18000.000		28100.00	ug/L
CCT 01	6/13/2023	CARBON DIOXIDE	585.000	1200.000		14400.00	ug/L
CCT 01	11/15/2022	CHLORIDE	0.067	0.200		2.37	mg/L
CCT 01	6/13/2023	CHLORIDE	0.067	0.200		2.34	mg/L
CCT 01	11/15/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CCT 01	6/13/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CCT 01	11/15/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CCT 01	6/13/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	J	0.35	ug/L
CCT 01	11/15/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CCT 01	6/13/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CCT 01	11/15/2022	METHANE	2.000	5.000		29.00	ug/L
CCT 01	6/13/2023	METHANE	2.000	5.000		24.00	ug/L
CCT 01	11/15/2022	NITRATE	0.033	0.100		0.61	mg/L
CCT 01	6/13/2023	NITRATE	0.033	0.100		0.62	mg/L
CCT 01	11/15/2022	SULFATE	0.133	0.400		0.52	mg/L
CCT 01	6/13/2023	SULFATE	0.133	0.400		0.44	mg/L
CCT 01	11/15/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CCT 01	6/13/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CCT 01	11/15/2022	TOTAL ORGANIC CARBON	0.330	1.000		1.07	mg/L
CCT 01	6/13/2023	TOTAL ORGANIC CARBON	0.330	1.000		1.02	mg/L
CCT 01	11/15/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CCT 01	6/13/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CCT 01	11/15/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		9.05	ug/L
CCT 01	6/13/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		8.97	ug/L
CCT 01	11/15/2022	TRITIUM	0.603	1.000		261.00	pCi/mL
CCT 01	6/13/2023	TRITIUM		1.000		226.00	pCi/mL
CCT 02	11/15/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CCT 02	6/13/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CCT 02	11/15/2022	CARBON DIOXIDE	2540.000	18000.000		28300.00	ug/L
CCT 02	6/13/2023	CARBON DIOXIDE	585.000	1200.000		18600.00	ug/L
CCT 02	11/15/2022	CHLORIDE	0.067	0.200		2.50	mg/L
CCT 02	6/13/2023	CHLORIDE	0.067	0.200		2.55	mg/L
CCT 02	11/15/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CCT 02	6/13/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CCT 02	11/15/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	J	0.39	ug/L
CCT 02	6/13/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	J	0.34	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CCT 02	11/15/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CCT 02	6/13/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CCT 02	11/15/2022	METHANE	2.000	5.000	U	5.00	ug/L
CCT 02	6/13/2023	METHANE	2.000	5.000	U	5.00	ug/L
CCT 02	11/15/2022	NITRATE	0.033	0.100		0.33	mg/L
CCT 02	6/13/2023	NITRATE	0.033	0.100		0.35	mg/L
CCT 02	11/15/2022	SULFATE	0.133	0.400		0.59	mg/L
CCT 02	6/13/2023	SULFATE	0.133	0.400		0.48	mg/L
CCT 02	11/15/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CCT 02	6/13/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CCT 02	11/15/2022	TOTAL ORGANIC CARBON	0.330	1.000		1.80	mg/L
CCT 02	6/13/2023	TOTAL ORGANIC CARBON	0.330	1.000		1.62	mg/L
CCT 02	11/15/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CCT 02	6/13/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CCT 02	11/15/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		5.24	ug/L
CCT 02	6/13/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		7.07	ug/L
CCT 02	11/15/2022	TRITIUM	0.611	1.000		36.00	pCi/mL
CCT 02	6/13/2023	TRITIUM		1.000		26.20	pCi/mL
CCT 03	11/15/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CCT 03	6/13/2023	1,2-DICHLOROETHYLENE	0.667	2.000	J	0.80	ug/L
CCT 03	11/15/2022	CARBON DIOXIDE	2540.000	18000.000		33900.00	ug/L
CCT 03	6/13/2023	CARBON DIOXIDE	585.000	1200.000		30600.00	ug/L
CCT 03	11/15/2022	CHLORIDE	0.067	0.200		2.62	mg/L
CCT 03	6/13/2023	CHLORIDE	0.067	0.200		2.71	mg/L
CCT 03	11/15/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CCT 03	6/13/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CCT 03	11/15/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	J	0.60	ug/L
CCT 03	6/13/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	J	0.80	ug/L
CCT 03	11/15/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CCT 03	6/13/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CCT 03	11/15/2022	METHANE	2.000	5.000	U	5.00	ug/L
CCT 03	6/13/2023	METHANE	2.000	5.000	U	5.00	ug/L
CCT 03	11/15/2022	NITRATE	0.033	0.100		0.20	mg/L
CCT 03	6/13/2023	NITRATE	0.033	0.100		0.23	mg/L
CCT 03	11/15/2022	SULFATE	0.133	0.400		0.70	mg/L
CCT 03	6/13/2023	SULFATE	0.133	0.400		0.52	mg/L
CCT 03	11/15/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CCT 03	6/13/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CCT 03	11/15/2022	TOTAL ORGANIC CARBON	0.330	1.000		2.23	mg/L
CCT 03	6/13/2023	TOTAL ORGANIC CARBON	0.330	1.000		1.94	mg/L
CCT 03	11/15/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CCT 03	6/13/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CCT 03	11/15/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		5.28	ug/L
CCT 03	6/13/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		7.33	ug/L
CCT 03	11/15/2022	TRITIUM	0.621	1.000		3.43	pCi/mL
CCT 03	6/13/2023	TRITIUM		1.000		2.19	pCi/mL
CDB 1	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CDB 1	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CDB 1	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CDB 1	11/29/2022	ACETONE	1.740	5.000	J	1.91	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CDB 1	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CDB 1	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CDB 1	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.58	ug/L
CDB 1	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CDB 1	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CDB 1	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.90	ug/L
CDB 1	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CDB 1	11/29/2022	TRITIUM	0.653	1.000		2.21	pCi/mL
CDB 1	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CDB 2	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CDB 2	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CDB 2	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CDB 2	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CDB 2	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CDB 2	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CDB 2	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CDB 2	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.53	ug/L
CDB 2	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CDB 2	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CDB 2	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CDB 2	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CDB 2	11/29/2022	TRITIUM	0.663	1.000		123.00	pCi/mL
CDB 2	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CDB003D	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CDB003D	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CDB003D	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CDB003D	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CDB003D	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CDB003D	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CDB003D	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.55	ug/L
CDB003D	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CDB003D	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CDB003D	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		10.10	ug/L
CDB003D	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CDB003D	11/29/2022	TRITIUM	0.647	1.000		4.87	pCi/mL
CDB003D	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRP 5C	11/21/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRP 5C	11/21/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRP 5C	11/21/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRP 5C	11/21/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRP 5C	11/21/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRP 5C	11/21/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRP 5C	11/21/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRP 5C	11/21/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRP 5C	11/21/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRP 5C	11/21/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRP 5C	11/21/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000		8.30	ug/L
CRP 5C	11/21/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRP 5C	11/21/2022	TRITIUM	0.593	1.000		10.20	pCi/mL
CRP 5C	11/21/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRP 5D	11/21/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRP 5D	11/21/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRP 5D	11/21/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRP 5D	11/21/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRP 5D	11/21/2022	BENZENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRP 5D	11/21/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRP 5D	11/21/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRP 5D	11/21/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRP 5D	11/21/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRP 5D	11/21/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRP 5D	11/21/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRP 5D	11/21/2022	TRITIUM	0.593	1.000	J	0.64	pCi/mL
CRP 5D	11/21/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRP 6DR	11/21/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRP 6DR	11/21/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRP 6DR	11/21/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRP 6DR	11/21/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRP 6DR	11/21/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRP 6DR	11/21/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRP 6DR	11/21/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRP 6DR	11/21/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRP 6DR	11/21/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRP 6DR	11/21/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRP 6DR	11/21/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRP 6DR	11/21/2022	TRITIUM	0.585	1.000	J	1.36	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRP 6DR	11/21/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 1D	11/28/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	J	0.37	ug/L
CRW 1D	11/28/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 1D	6/15/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CRW 1D	11/28/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 1D	11/28/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 1D	11/28/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 1D	11/28/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 1D	11/28/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 1D	6/15/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW 1D	11/28/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 1D	6/15/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW 1D	11/28/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 1D	11/28/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 1D	11/28/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 1D	11/28/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 1D	11/28/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 1D	11/28/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 1D	6/15/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CRW 1D	11/28/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 1D	6/15/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW 1D	11/28/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 1D	6/15/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
CRW 1D	11/28/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 1D	11/28/2022	TRITIUM	0.647	1.000	J	0.75	pCi/mL
CRW 1D	6/15/2023	TRITIUM		1.000	J	0.73	pCi/mL
CRW 1D	11/28/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 4A	11/28/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 4A	11/28/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 4A	11/28/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 4A	11/28/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 4A	11/28/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 4A	11/28/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 4A	11/28/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 4A	11/28/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	1.11	ug/L
CRW 4A	11/28/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 4A	11/28/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 4A	11/28/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 4A	11/28/2022	TRITIUM	0.647	1.000	U	-0.04	pCi/mL
CRW 4A	11/28/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 4C	11/28/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 4C	11/28/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 4C	11/28/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 4C	11/28/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 4C	11/28/2022	ACETONE	1.740	5.000	J	1.93	ug/L
CRW 4C	11/28/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 4C	11/28/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 4C	11/28/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	1.30	ug/L
CRW 4C	11/28/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 4C	11/28/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 4C	11/28/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 4C	11/28/2022	TRITIUM	0.654	1.000	U	-0.20	pCi/mL
CRW 4C	11/28/2022	XYLENES	1.000	3.000	U	1.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 4D	11/28/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 4D	11/28/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 4D	11/28/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 4D	11/28/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 4D	11/28/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 4D	11/28/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 4D	11/28/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	1.31	ug/L
CRW 4D	11/28/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 4D	11/28/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 4D	11/28/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	STYRENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 4D	11/28/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 4D	11/28/2022	TRITIUM	0.657	1.000		2.46	pCi/mL
CRW 4D	11/28/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 5A	11/28/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 5A	11/28/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 5A	11/28/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 5A	11/28/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 5A	11/28/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 5A	11/28/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 5A	11/28/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 5A	11/28/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 5A	11/28/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 5A	11/28/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 5A	11/28/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 5A	11/28/2022	TRITIUM	0.649	1.000	U	-0.06	pCi/mL
CRW 5A	11/28/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 5D	11/28/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 5D	11/28/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 5D	11/28/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 5D	11/28/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 5D	11/28/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 5D	11/28/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 5D	11/28/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.59	ug/L
CRW 5D	11/28/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 5D	11/28/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 5D	11/28/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		5.32	ug/L
CRW 5D	11/28/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 5D	11/28/2022	TRITIUM	0.654	1.000	J	1.23	pCi/mL
CRW 5D	11/28/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 7A	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 7A	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 7A	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 7A	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 7A	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 7A	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 7A	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.58	ug/L
CRW 7A	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 7A	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 7A	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 7A	11/29/2022	TRITIUM	0.576	1.000	U	-0.24	pCi/mL
CRW 7A	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 7D	11/28/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 7D	11/28/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 7D	11/28/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 7D	11/28/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 7D	11/28/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 7D	11/28/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 7D	11/28/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 7D	11/28/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	1.33	ug/L
CRW 7D	11/28/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 7D	11/28/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 7D	11/28/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 7D	11/28/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 7D	11/28/2022	TRITIUM	0.660	1.000	J	0.73	pCi/mL
CRW 7D	11/28/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 9A	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 9A	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 9A	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 9A	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 9A	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 9A	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 9A	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.54	ug/L
CRW 9A	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 9A	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 9A	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 9A	11/29/2022	TRITIUM	0.646	1.000	J	0.79	pCi/mL
CRW 9A	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 10A	11/21/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 10A	11/21/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 10A	11/21/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 10A	11/21/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 10A	11/21/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 10A	11/21/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 10A	11/21/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 10A	11/21/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 10A	11/21/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 10A	11/21/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 10A	11/21/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 10A	11/21/2022	TRITIUM	0.588	1.000	U	0.17	pCi/mL
CRW 10A	11/21/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 10C	11/21/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 10C	11/21/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 10C	11/21/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 10C	11/21/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 10C	11/21/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 10C	11/21/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 10C	11/21/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 10C	11/21/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 10C	11/21/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 10C	11/21/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 10C	11/21/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000		1.92	ug/L
CRW 10C	11/21/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		7.86	ug/L
CRW 10C	11/21/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 10C	11/21/2022	TRITIUM	0.593	1.000		8.59	pCi/mL
CRW 10C	11/21/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW010CU	11/21/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW010CU	11/21/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW010CU	11/21/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW010CU	11/21/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW010CU	11/21/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW010CU	11/21/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW010CU	11/21/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW010CU	11/21/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW010CU	11/21/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW010CU	11/21/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW010CU	11/21/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.95	ug/L
CRW010CU	11/21/2022	TOLUENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW010CU	11/21/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		11.80	ug/L
CRW010CU	11/21/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW010CU	11/21/2022	TRITIUM	0.577	1.000		4.14	pCi/mL
CRW010CU	11/21/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 11A	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 11A	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 11A	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 11A	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 11A	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 11A	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 11A	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.51	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 11A	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 11A	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 11A	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 11A	11/29/2022	TRITIUM	0.648	1.000	U	0.06	pCi/mL
CRW 11A	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 11D	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 11D	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 11D	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 11D	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 11D	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 11D	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 11D	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 11D	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 11D	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 11D	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 11D	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 11D	11/29/2022	TRITIUM	0.648	1.000	J	1.29	pCi/mL
CRW 11D	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 13A	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 13A	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 13A	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 13A	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 13A	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 13A	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 13A	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 13A	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 13A	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 13A	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 13A	11/29/2022	TRITIUM	0.647	1.000	U	-0.13	pCi/mL
CRW 13A	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW-014-A	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW-014-A	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW-014-A	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW-014-A	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW-014-A	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW-014-A	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW-014-A	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW-014-A	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW-014-A	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW-014-A	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW-014-A	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW-014-A	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW-014-A	11/29/2022	TRITIUM	0.656	1.000	U	-0.04	pCi/mL
CRW-014-A	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 15A	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 15A	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 15A	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 15A	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 15A	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 15A	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 15A	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 15A	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 15A	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 15A	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 15A	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 15A	11/29/2022	TRITIUM	0.652	1.000	U	-0.09	pCi/mL
CRW 15A	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW015B	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW015B	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW015B	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW015B	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW015B	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW015B	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW015B	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW015B	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW015B	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW015B	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW015B	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW015B	11/29/2022	TRITIUM	0.663	1.000		36.60	pCi/mL
CRW015B	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 15C	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 15C	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 15C	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 15C	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 15C	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 15C	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 15C	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 15C	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 15C	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 15C	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 15C	11/29/2022	TRITIUM	0.584	1.000		44.20	pCi/mL
CRW 15C	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 15D	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 15D	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 15D	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 15D	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 15D	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 15D	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 15D	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 15D	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 15D	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 15D	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 15D	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 15D	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 15D	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 15D	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 15D	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 15D	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 15D	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 15D	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 15D	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 15D	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 15D	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 15D	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 15D	11/29/2022	TRITIUM	0.579	1.000		40.90	pCi/mL
CRW 15D	11/29/2022	TRITIUM	0.577	1.000		40.50	pCi/mL
CRW 15D	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 15D	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW 16D	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW 16D	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW 16D	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW 16D	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW 16D	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW 16D	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW 16D	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW 16D	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CRW 16D	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 16D	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW 16D	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW 16D	11/29/2022	TRITIUM	0.576	1.000	U	0.23	pCi/mL
CRW 16D	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW020D	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW020D	6/15/2023	1,2-DICHLOROETHYLENE	0.667	2.000	J	1.04	ug/L
CRW020D	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW020D	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW020D	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW020D	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW020D	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW020D	6/15/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	J	0.55	ug/L
CRW020D	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	J	0.50	ug/L
CRW020D	6/15/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000		1.04	ug/L
CRW020D	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW020D	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.60	ug/L
CRW020D	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW020D	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW020D	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.66	ug/L
CRW020D	6/15/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000		1.09	ug/L
CRW020D	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW020D	6/15/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW020D	11/29/2022	TRICHLOROETHYLENE (TCE)	0.666	2.000		115.00	ug/L
CRW020D	6/15/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		86.50	ug/L
CRW020D	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW020D	11/29/2022	TRITIUM	0.576	1.000		4.72	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW020D	6/15/2023	TRITIUM		1.000		4.91	pCi/mL
CRW020D	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW021DR	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW021DR	6/15/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CRW021DR	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW021DR	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW021DR	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW021DR	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW021DR	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW021DR	6/15/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW021DR	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	J	0.55	ug/L
CRW021DR	6/15/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	J	0.42	ug/L
CRW021DR	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW021DR	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.60	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW021DR	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW021DR	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW021DR	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.39	ug/L
CRW021DR	6/15/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.44	ug/L
CRW021DR	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW021DR	6/15/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW021DR	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		41.30	ug/L
CRW021DR	6/15/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		31.80	ug/L
CRW021DR	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW021DR	11/29/2022	TRITIUM	0.574	1.000		3.30	pCi/mL
CRW021DR	6/15/2023	TRITIUM		1.000		2.38	pCi/mL
CRW021DR	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW022D	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	1,1'-BIPHENYL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	1,2,4,5-TETRACHLOROBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	1,2,4-TRICHLOROBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	1,2-DICHLOROBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW022D	11/29/2022	1,2-DIPHENYLHYDRAZINE	3.000	10.000	U	3.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW022D	11/29/2022	1,3,5-TRINITROBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	1,3-DICHLOROBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	1,3-DINITROBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	1,4-DICHLOROBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CRW022D	11/29/2022	1,4-DIOXANE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	1,4-NAPHTHOQUINONE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	1-NAPHTHYLAMINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2,3,4,6-TETRACHLOROPHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2,4,5-TRICHLOROPHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2,4,6-TRICHLOROPHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2,4-DICHLOROPHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2,4-DIMETHYLPHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2,4-DINITROPHENOL	5.000	20.000	U	5.00	ug/L
CRW022D	11/29/2022	2,4-DINITROTOLUENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2,6-DICHLOROPHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2,6-DINITROTOLUENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2-ACETYLAMINOFLUORENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2-CHLORONAPHTHALENE	0.410	1.000	U	0.41	ug/L
CRW022D	11/29/2022	2-CHLOROPHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CRW022D	11/29/2022	2-METHYLANILINE (O-TOLUIDINE)	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2-METHYLNAPHTHALENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	2-NAPHTHYLAMINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2-NITROANILINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2-NITROPHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	2-PICOLINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	3,3-DICHLOROBENZIDINE	3.000	10.000	U	3.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW022D	11/29/2022	3,3'-DIMETHYLBENZIDINE	3.300	10.000	U	3.30	ug/L
CRW022D	11/29/2022	3-METHYLCHOLANTHRENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	4-AMINOBIPHENYL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	4-BROMOPHENYL PHENYL ETHER	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	4-CHLOROANILINE	3.300	10.000	U	3.30	ug/L
CRW022D	11/29/2022	4-CHLOROPHENYL PHENYL ETHER	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	4-NITROPHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	4-NITROQUINOLINE-1-OXIDE	3.800	10.000	U	3.80	ug/L
CRW022D	11/29/2022	5-NITRO-O-TOLUIDINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	7,12-DIMETHYLBENZ(A)ANTHRACENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	A,A-DIMETHYLPHENETHYLAMINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	ACENAPHTHENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	ACENAPHTHYLENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CRW022D	11/29/2022	ACETOPHENONE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	ANILINE	4.200	10.000	U	4.20	ug/L
CRW022D	11/29/2022	ANTHRACENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	ARAMITE	3.700	10.000	U	3.70	ug/L
CRW022D	11/29/2022	ATRAZINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	BENZALDEHYDE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	BENZIDINE	3.900	10.000	U	3.90	ug/L
CRW022D	11/29/2022	BENZO(G,H,I)PERYLENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	BENZO[A]ANTHRACENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	BENZO[A]PYRENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	BENZO[B]FLUORANTHENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	BENZO[K]FLUORANTHENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	BENZOIC ACID	6.000	20.000	U	6.00	ug/L
CRW022D	11/29/2022	BENZYL ALCOHOL	3.000	10.000	U	3.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW022D	11/29/2022	BIS(2-CHLORO-1-METHYLETHYL)ETHER	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	BIS(2-CHLOROETHOXY)METHANE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	BIS(2-CHLOROETHYL)ETHER	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	BIS(2-ETHYLHEXYL)PHTHALATE (DEHP)	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	BUTYL BENZYL PHTHALATE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	CAPROLACTAM	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	CARBAZOLE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CRW022D	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	CHLOROBENZILATE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	CHRYSENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	DIALLATE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	DIBENZ[AH]ANTHRACENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	DIBENZOFURAN	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CRW022D	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.64	ug/L
CRW022D	11/29/2022	DIETHYL PHTHALATE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	DIMETHOATE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	DIMETHYL PHTHALATE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	DI-N-BUTYL PHTHALATE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	DINITRO-O-CRESOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	DISULFOTON	3.000	10.000	U	3.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW022D	11/29/2022	ETHYL METHACRYLATE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	ETHYL METHANESULFONATE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	FAMPHUR	5.000	10.000	U	5.00	ug/L
CRW022D	11/29/2022	FLUORANTHENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	FLUORENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	HEXACHLOROBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	HEXACHLOROBUTADIENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	HEXACHLOROCYCLOPENTADIENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	HEXACHLOROETHANE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	HEXACHLOROPHENE	167.000	500.000	U	167.00	ug/L
CRW022D	11/29/2022	HEXACHLOROPROPENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	INDENO[1,2,3-CD]PYRENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	ISODRIN	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	ISOPHORONE	3.500	10.000	U	3.50	ug/L
CRW022D	11/29/2022	ISOSAFROLE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	KEPONE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	M/P-CRESOL	3.700	10.000	U	3.70	ug/L
CRW022D	11/29/2022	METHAPYRILENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CRW022D	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CRW022D	11/29/2022	METHYL METHANESULFONATE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	METHYL PARATHION	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	M-NITROANILINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	NAPHTHALENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	N-DIOCTYL PHTHALATE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	NITROBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	N-NITROSODIETHYLAMINE	3.000	10.000	U	3.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW022D	11/29/2022	N-NITROSODIMETHYLAMINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	N-NITROSODI-N-BUTYLAMINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	N-NITROSODIPHENYLAMINE+DIPHENYLAMINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	N-NITROSODIPROPYLAMINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	N-NITROSOMORPHOLINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	N-NITROSO-N-METHYLETHYLAMINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	N-NITROSOPIPERIDINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	N-NITROSOPYRROLIDINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	O-CRESOL (2-METHYLPHENOL)	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	PARATHION	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	P-CHLORO-M-CRESOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	P-DIMETHYLAMINOAZOBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	PENTACHLOROBENZENE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	PENTACHLOROETHANE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	PENTACHLORONITROBENZENE	3.400	10.000	U	3.40	ug/L
CRW022D	11/29/2022	PENTACHLOROPHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	PHENACETIN	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	PHENANTHRENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	PHENOL	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	PHORATE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	P-NITROANILINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	P-PHENYLENEDIAMINE	100.000	500.000	U	100.00	ug/L
CRW022D	11/29/2022	PRONAMIDE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	PYRENE	0.300	1.000	U	0.30	ug/L
CRW022D	11/29/2022	PYRIDINE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	SAFROLE	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	SULFOTEPP	3.000	10.000	U	3.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW022D	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	THIONAZIN	3.000	10.000	U	3.00	ug/L
CRW022D	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	TPH BY GC/FID DIESEL RANGE ORGANICS	75.000	200.000	U	75.00	ug/L
CRW022D	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CRW022D	11/29/2022	TRITIUM	0.568	1.000	J	1.35	pCi/mL
CRW022D	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CRW023C	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW023C	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW023C	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CRW023C	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CRW023C	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		44900.00	ug/L
CRW023C	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		37800.00	ug/L
CRW023C	6/21/2023	CARBON DIOXIDE	585.000	1200.000		11300.00	ug/L
CRW023C	6/21/2023	CARBON DIOXIDE	585.000	1200.000		14700.00	ug/L
CRW023C	11/14/2022	CHLORIDE	0.067	0.200		1.77	mg/L
CRW023C	11/14/2022	CHLORIDE	0.067	0.200		1.77	mg/L
CRW023C	6/21/2023	CHLORIDE	0.067	0.200		2.04	mg/L
CRW023C	6/21/2023	CHLORIDE	0.067	0.200		2.02	mg/L
CRW023C	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW023C	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW023C	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW023C	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW023C	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW023C	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW023C	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW023C	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW023C	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW023C	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW023C	6/21/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW023C	6/21/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW023C	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CRW023C	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CRW023C	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CRW023C	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CRW023C	11/14/2022	NITRATE	0.033	0.100		1.21	mg/L
CRW023C	11/14/2022	NITRATE	0.033	0.100		1.20	mg/L
CRW023C	6/21/2023	NITRATE	0.033	0.100		1.43	mg/L
CRW023C	6/21/2023	NITRATE	0.033	0.100		1.40	mg/L
CRW023C	11/14/2022	SULFATE	0.133	0.400		0.65	mg/L
CRW023C	11/14/2022	SULFATE	0.133	0.400		0.61	mg/L
CRW023C	6/21/2023	SULFATE	0.133	0.400		0.91	mg/L
CRW023C	6/21/2023	SULFATE	0.133	0.400		0.71	mg/L
CRW023C	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.51	ug/L
CRW023C	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW023C	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.39	ug/L
CRW023C	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CRW023C	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CRW023C	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CRW023C	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	U	1.00	mg/L
CRW023C	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	J	0.51	mg/L
CRW023C	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW023C	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW023C	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW023C	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW023C	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		3.69	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW023C	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		3.49	ug/L
CRW023C	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		13.50	ug/L
CRW023C	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		12.00	ug/L
CRW023C	11/14/2022	TRITIUM	1.240	1.000		800.00	pCi/mL
CRW023C	11/14/2022	TRITIUM	1.230	1.000		787.00	pCi/mL
CRW023C	6/21/2023	TRITIUM		1.000		600.00	pCi/mL
CRW023C	6/21/2023	TRITIUM		1.000		651.00	pCi/mL
CRW024C	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW024C	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CRW024C	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		45200.00	ug/L
CRW024C	6/21/2023	CARBON DIOXIDE	585.000	1200.000		34000.00	ug/L
CRW024C	11/14/2022	CHLORIDE	0.067	0.200		1.86	mg/L
CRW024C	6/21/2023	CHLORIDE	0.067	0.200		1.96	mg/L
CRW024C	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW024C	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW024C	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW024C	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW024C	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW024C	6/21/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW024C	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CRW024C	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CRW024C	11/14/2022	NITRATE	0.033	0.100		1.33	mg/L
CRW024C	6/21/2023	NITRATE	0.033	0.100		1.31	mg/L
CRW024C	11/14/2022	SULFATE	0.133	0.400		0.66	mg/L
CRW024C	6/21/2023	SULFATE	0.133	0.400		0.44	mg/L
CRW024C	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW024C	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CRW024C	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CRW024C	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	U	1.00	mg/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW024C	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW024C	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW024C	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		7.70	ug/L
CRW024C	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		9.18	ug/L
CRW024C	11/14/2022	TRITIUM	1.440	1.000		1080.00	pCi/mL
CRW024C	6/21/2023	TRITIUM		1.000		997.00	pCi/mL
CRW025C	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW025C	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CRW025C	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		38200.00	ug/L
CRW025C	6/21/2023	CARBON DIOXIDE	585.000	1200.000		11800.00	ug/L
CRW025C	11/14/2022	CHLORIDE	0.067	0.200		2.05	mg/L
CRW025C	6/21/2023	CHLORIDE	0.067	0.200		2.22	mg/L
CRW025C	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW025C	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW025C	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW025C	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW025C	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW025C	6/21/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW025C	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CRW025C	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CRW025C	11/14/2022	NITRATE	0.033	0.100		0.74	mg/L
CRW025C	6/21/2023	NITRATE	0.033	0.100		0.79	mg/L
CRW025C	11/14/2022	SULFATE	0.133	0.400		0.60	mg/L
CRW025C	6/21/2023	SULFATE	0.133	0.400		0.42	mg/L
CRW025C	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW025C	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CRW025C	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CRW025C	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	U	1.00	mg/L
CRW025C	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW025C	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW025C	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		2.60	ug/L
CRW025C	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		4.47	ug/L
CRW025C	11/14/2022	TRITIUM	0.703	1.000		114.00	pCi/mL
CRW025C	6/21/2023	TRITIUM		1.000		115.00	pCi/mL
CRW026C	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW026C	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000		2.20	ug/L
CRW026C	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		37500.00	ug/L
CRW026C	6/21/2023	CARBON DIOXIDE	585.000	1200.000		11600.00	ug/L
CRW026C	11/14/2022	CHLORIDE	0.067	0.200		1.85	mg/L
CRW026C	6/21/2023	CHLORIDE	0.067	0.200		1.92	mg/L
CRW026C	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW026C	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW026C	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW026C	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000		2.20	ug/L
CRW026C	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW026C	6/21/2023	ETHYLENE	0.240	1.000		1.20	ug/L
CRW026C	11/14/2022	METHANE	2.000	5.000		2000.00	ug/L
CRW026C	6/21/2023	METHANE	2.000	5.000		1200.00	ug/L
CRW026C	11/14/2022	NITRATE	0.033	0.100		0.82	mg/L
CRW026C	6/21/2023	NITRATE	0.033	0.100		1.08	mg/L
CRW026C	11/14/2022	SULFATE	0.133	0.400	J	0.30	mg/L
CRW026C	6/21/2023	SULFATE	0.133	0.400	J	0.24	mg/L
CRW026C	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.51	ug/L
CRW026C	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.38	ug/L
CRW026C	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000		2.93	mg/L
CRW026C	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000		1.11	mg/L
CRW026C	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW026C	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW026C	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		10.60	ug/L
CRW026C	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		31.40	ug/L
CRW026C	11/14/2022	TRITIUM	1.340	1.000		916.00	pCi/mL
CRW026C	6/21/2023	TRITIUM		1.000		663.00	pCi/mL
CRW027C	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW027C	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	J	1.04	ug/L
CRW027C	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		48200.00	ug/L
CRW027C	6/21/2023	CARBON DIOXIDE	585.000	1200.000		10800.00	ug/L
CRW027C	11/14/2022	CHLORIDE	0.067	0.200		1.85	mg/L
CRW027C	6/21/2023	CHLORIDE	0.067	0.200		2.07	mg/L
CRW027C	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW027C	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW027C	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	J	0.46	ug/L
CRW027C	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000		1.04	ug/L
CRW027C	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW027C	6/21/2023	ETHYLENE	0.240	1.000		1.20	ug/L
CRW027C	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CRW027C	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CRW027C	11/14/2022	NITRATE	0.033	0.100		1.27	mg/L
CRW027C	6/21/2023	NITRATE	0.033	0.100		1.16	mg/L
CRW027C	11/14/2022	SULFATE	0.133	0.400		0.80	mg/L
CRW027C	6/21/2023	SULFATE	0.133	0.400		1.18	mg/L
CRW027C	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW027C	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CRW027C	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CRW027C	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	U	1.00	mg/L
CRW027C	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW027C	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW027C	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		14.30	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW027C	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		42.50	ug/L
CRW027C	11/14/2022	TRITIUM	0.827	1.000		325.00	pCi/mL
CRW027C	6/21/2023	TRITIUM		1.000		197.00	pCi/mL
CRW028C	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW028C	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CRW028C	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		52800.00	ug/L
CRW028C	6/21/2023	CARBON DIOXIDE	585.000	1200.000		11800.00	ug/L
CRW028C	11/14/2022	CHLORIDE	0.067	0.200		2.00	mg/L
CRW028C	6/21/2023	CHLORIDE	0.067	0.200		2.47	mg/L
CRW028C	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW028C	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW028C	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	J	0.37	ug/L
CRW028C	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW028C	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW028C	6/21/2023	ETHYLENE	0.240	1.000		1.20	ug/L
CRW028C	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CRW028C	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CRW028C	11/14/2022	NITRATE	0.033	0.100		1.18	mg/L
CRW028C	6/21/2023	NITRATE	0.033	0.100		0.91	mg/L
CRW028C	11/14/2022	SULFATE	0.133	0.400		0.75	mg/L
CRW028C	6/21/2023	SULFATE	0.133	0.400		0.72	mg/L
CRW028C	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW028C	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CRW028C	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CRW028C	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	U	1.00	mg/L
CRW028C	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW028C	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW028C	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		28.60	ug/L
CRW028C	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		37.50	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW028C	11/14/2022	TRITIUM	0.703	1.000		104.00	pCi/mL
CRW028C	6/21/2023	TRITIUM		1.000		23.20	pCi/mL
CRW029C	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW029C	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CRW029C	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		50800.00	ug/L
CRW029C	6/21/2023	CARBON DIOXIDE	585.000	1200.000		11800.00	ug/L
CRW029C	11/14/2022	CHLORIDE	0.067	0.200		1.94	mg/L
CRW029C	6/21/2023	CHLORIDE	0.067	0.200		2.00	mg/L
CRW029C	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW029C	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW029C	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW029C	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW029C	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW029C	6/21/2023	ETHYLENE	0.240	1.000		1.30	ug/L
CRW029C	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CRW029C	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CRW029C	11/14/2022	NITRATE	0.033	0.100		1.21	mg/L
CRW029C	6/21/2023	NITRATE	0.033	0.100		1.20	mg/L
CRW029C	11/14/2022	SULFATE	0.133	0.400		0.48	mg/L
CRW029C	6/21/2023	SULFATE	0.133	0.400	J	0.38	mg/L
CRW029C	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.70	ug/L
CRW029C	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CRW029C	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CRW029C	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	U	1.00	mg/L
CRW029C	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW029C	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW029C	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		5.73	ug/L
CRW029C	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		6.92	ug/L
CRW029C	11/14/2022	TRITIUM	1.420	1.000		1040.00	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CRW029C	6/21/2023	TRITIUM		1.000		793.00	pCi/mL
CRW030C	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CRW030C	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CRW030C	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		44900.00	ug/L
CRW030C	6/21/2023	CARBON DIOXIDE	585.000	1200.000		7990.00	ug/L
CRW030C	11/14/2022	CHLORIDE	0.067	0.200		1.78	mg/L
CRW030C	6/21/2023	CHLORIDE	0.067	0.200		1.80	mg/L
CRW030C	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CRW030C	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CRW030C	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW030C	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW030C	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CRW030C	6/21/2023	ETHYLENE	0.240	1.000		1.10	ug/L
CRW030C	11/14/2022	METHANE	2.000	5.000		8.70	ug/L
CRW030C	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CRW030C	11/14/2022	NITRATE	0.033	0.100		0.95	mg/L
CRW030C	6/21/2023	NITRATE	0.033	0.100		1.10	mg/L
CRW030C	11/14/2022	SULFATE	0.133	0.400		0.67	mg/L
CRW030C	6/21/2023	SULFATE	0.133	0.400		0.59	mg/L
CRW030C	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CRW030C	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
CRW030C	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CRW030C	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	U	1.00	mg/L
CRW030C	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CRW030C	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CRW030C	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		1.66	ug/L
CRW030C	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		3.27	ug/L
CRW030C	11/14/2022	TRITIUM	0.891	1.000		398.00	pCi/mL
CRW030C	6/21/2023	TRITIUM		1.000		312.00	pCi/mL

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB 3C	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB 3C	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB 3C	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB 3C	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB 3C	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB 3C	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB 3C	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CSB 3C	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB 3C	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB 3C	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB 3C	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.66	ug/L
CSB 3C	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		3.57	ug/L
CSB 3C	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB 3C	11/29/2022	TRITIUM	0.573	1.000		103.00	pCi/mL
CSB 3C	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB 9D	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB 9D	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB 9D	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB 9D	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB 9D	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB 9D	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB 9D	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB 9D	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CSB 9D	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB 9D	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB 9D	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB 9D	11/29/2022	TRITIUM	0.574	1.000		13.20	pCi/mL
CSB 9D	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB011B	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB011B	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB011B	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB011B	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB011B	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB011B	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB011B	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CSB011B	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB011B	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB011B	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	J	0.41	ug/L
CSB011B	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB011B	11/29/2022	TRITIUM	0.578	1.000	J	1.38	pCi/mL
CSB011B	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB011C	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB011C	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB011C	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB011C	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB011C	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB011C	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB011C	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CSB011C	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB011C	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB011C	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		1.16	ug/L
CSB011C	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB011C	11/29/2022	TRITIUM	0.577	1.000		1.55	pCi/mL
CSB011C	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB 11D	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB 11D	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB 11D	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB 11D	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB 11D	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB 11D	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB 11D	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB 11D	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CSB 11D	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB 11D	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB 11D	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.98	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB 11D	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB 11D	11/29/2022	TRITIUM	0.582	1.000		10.60	pCi/mL
CSB 11D	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB 12D	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB 12D	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB 12D	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB 12D	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB 12D	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB 12D	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB 12D	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CSB 12D	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB 12D	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB 12D	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB 12D	11/29/2022	TRITIUM	0.654	1.000		13.60	pCi/mL
CSB 12D	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB013B	11/28/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB013B	11/28/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB013B	11/28/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB013B	11/28/2022	ACETONE	1.740	5.000	J	2.05	ug/L
CSB013B	11/28/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB013B	11/28/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB013B	11/28/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB013B	11/28/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	1.37	ug/L
CSB013B	11/28/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB013B	11/28/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB013B	11/28/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB013B	11/28/2022	TRITIUM	0.654	1.000		60.80	pCi/mL
CSB013B	11/28/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB 13D	11/28/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB 13D	11/28/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB 13D	11/28/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB 13D	11/28/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB 13D	11/28/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB 13D	11/28/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB 13D	11/28/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB 13D	11/28/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	1.35	ug/L
CSB 13D	11/28/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB 13D	11/28/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB 13D	11/28/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB 13D	11/28/2022	TRITIUM	0.652	1.000		38.60	pCi/mL
CSB 13D	11/28/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB015B	11/30/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB015B	11/30/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB015B	11/30/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB015B	11/30/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB015B	11/30/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB015B	11/30/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB015B	11/30/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB015B	11/30/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.67	ug/L
CSB015B	11/30/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB015B	11/30/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB015B	11/30/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	TOLUENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB015B	11/30/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB015B	11/30/2022	TRITIUM	0.579	1.000	U	0.32	pCi/mL
CSB015B	11/30/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB 15D	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB 15D	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CSB 15D	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		39400.00	ug/L
CSB 15D	6/21/2023	CARBON DIOXIDE	585.000	1200.000		31000.00	ug/L
CSB 15D	11/14/2022	CHLORIDE	0.067	0.200		2.35	mg/L
CSB 15D	6/21/2023	CHLORIDE	0.067	0.200		2.37	mg/L
CSB 15D	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB 15D	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CSB 15D	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 15D	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CSB 15D	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CSB 15D	6/21/2023	ETHYLENE	0.240	1.000	U	1.00	ug/L
CSB 15D	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CSB 15D	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CSB 15D	11/14/2022	NITRATE	0.033	0.100		1.05	mg/L
CSB 15D	6/21/2023	NITRATE	0.033	0.100		1.01	mg/L
CSB 15D	11/14/2022	SULFATE	0.133	0.400		0.42	mg/L
CSB 15D	6/21/2023	SULFATE	0.133	0.400	J	0.33	mg/L
CSB 15D	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.54	ug/L
CSB 15D	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.40	ug/L
CSB 15D	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CSB 15D	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	U	1.00	mg/L
CSB 15D	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB 15D	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB 15D	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		49.50	ug/L
CSB 15D	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		37.60	ug/L
CSB 15D	11/14/2022	TRITIUM	0.887	1.000		389.00	pCi/mL
CSB 15D	6/21/2023	TRITIUM		1.000		239.00	pCi/mL
CSB017B	11/30/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB017B	11/30/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB017B	11/30/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB017B	11/30/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB017B	11/30/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB017B	11/30/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB017B	11/30/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.71	ug/L
CSB017B	11/30/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB017B	11/30/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB017B	11/30/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB017B	11/30/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		5.90	ug/L
CSB017B	11/30/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB017B	11/30/2022	TRITIUM	0.759	1.000		617.00	pCi/mL
CSB017B	11/30/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB017D	11/30/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB017D	11/30/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB017D	11/30/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB017D	11/30/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB017D	11/30/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB017D	11/30/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB017D	11/30/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB017D	11/30/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.71	ug/L
CSB017D	11/30/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB017D	11/30/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB017D	11/30/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.78	ug/L
CSB017D	11/30/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		14.40	ug/L
CSB017D	11/30/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB017D	11/30/2022	TRITIUM	0.763	1.000		31.40	pCi/mL
CSB017D	11/30/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB019B	11/30/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB019B	11/30/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB019B	11/30/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB019B	11/30/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB019B	11/30/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB019B	11/30/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB019B	11/30/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.69	ug/L
CSB019B	11/30/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB019B	11/30/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB019B	11/30/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.42	ug/L
CSB019B	11/30/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		1.19	ug/L
CSB019B	11/30/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB019B	11/30/2022	TRITIUM	0.760	1.000		418.00	pCi/mL
CSB019B	11/30/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB019C	11/30/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB019C	11/30/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB019C	11/30/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB019C	11/30/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB019C	11/30/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB019C	11/30/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB019C	11/30/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB019C	11/30/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.67	ug/L
CSB019C	11/30/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB019C	11/30/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSB019C	11/30/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB019C	11/30/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB019C	11/30/2022	TRITIUM	0.760	1.000	J	1.65	pCi/mL
CSB019C	11/30/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSB020C	11/14/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB020C	6/21/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
CSB020C	11/14/2022	CARBON DIOXIDE	2540.000	18000.000		40000.00	ug/L
CSB020C	6/21/2023	CARBON DIOXIDE	585.000	1200.000		11300.00	ug/L
CSB020C	11/14/2022	CHLORIDE	0.067	0.200		2.56	mg/L
CSB020C	6/21/2023	CHLORIDE	0.067	0.200		3.04	mg/L
CSB020C	11/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB020C	6/21/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
CSB020C	11/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB020C	6/21/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CSB020C	11/14/2022	ETHYLENE	0.240	1.000	U	1.00	ug/L
CSB020C	6/21/2023	ETHYLENE	0.240	1.000		1.40	ug/L
CSB020C	11/14/2022	METHANE	2.000	5.000	U	5.00	ug/L
CSB020C	6/21/2023	METHANE	2.000	5.000	U	5.00	ug/L
CSB020C	11/14/2022	NITRATE	0.033	0.100		1.30	mg/L
CSB020C	6/21/2023	NITRATE	0.033	0.100		1.49	mg/L
CSB020C	11/14/2022	SULFATE	0.133	0.400		0.53	mg/L
CSB020C	6/21/2023	SULFATE	0.133	0.400	J	0.37	mg/L
CSB020C	11/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.49	ug/L
CSB020C	6/21/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	J	0.40	ug/L
CSB020C	11/14/2022	TOTAL ORGANIC CARBON	0.330	1.000	U	0.33	mg/L
CSB020C	6/21/2023	TOTAL ORGANIC CARBON	0.330	1.000	U	1.00	mg/L
CSB020C	11/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB020C	6/21/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
CSB020C	11/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		35.20	ug/L
CSB020C	6/21/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000		40.20	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB020C	11/14/2022	TRITIUM	0.742	1.000		241.00	pCi/mL
CSB020C	6/21/2023	TRITIUM		1.000		209.00	pCi/mL
CSB021D	11/30/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSB021D	11/30/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSB021D	11/30/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSB021D	11/30/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSB021D	11/30/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSB021D	11/30/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSB021D	11/30/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.65	ug/L
CSB021D	11/30/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSB021D	11/30/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSB021D	11/30/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	J	0.70	ug/L
CSB021D	11/30/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSB021D	11/30/2022	TRITIUM	0.768	1.000		185.00	pCi/mL
CSB021D	11/30/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSL001	11/30/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSL001	11/30/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSL001	11/30/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSL001	11/30/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSL001	11/30/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSL001	11/30/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSL001	11/30/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSL001	11/30/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSL001	11/30/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSL001	11/30/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSL001	11/30/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSL001	11/30/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSL001	11/30/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	U	0.50	ug/L
CSL001	11/30/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.70	ug/L
CSL001	11/30/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSL001	11/30/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSL001	11/30/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSL001	11/30/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSL001	11/30/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSL001	11/30/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSL001	11/30/2022	TRITIUM	0.759	1.000	U	-0.03	pCi/mL
CSL001	11/30/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSL001	11/30/2022	XYLENES	1.000	3.000	U	1.00	ug/L
CSL002	11/30/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
CSL002	11/30/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
CSL002	11/30/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
CSL002	11/30/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
CSL002	11/30/2022	ACETONE	1.740	5.000	U	1.74	ug/L
CSL002	11/30/2022	BENZENE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
CSL002	11/30/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
CSL002	11/30/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.60	ug/L
CSL002	11/30/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
CSL002	11/30/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
CSL002	11/30/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	STYRENE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
CSL002	11/30/2022	TRITIUM	0.770	1.000		17.50	pCi/mL
CSL002	11/30/2022	XYLENES	1.000	3.000	U	1.00	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
FMT 01	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
FMT 01	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
FMT 01	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
FMT 01	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
FMT 01	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
FMT 01	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
FMT 01	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
FMT 01	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
FMT 01	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
FMT 01	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
FMT 01	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
FMT 01	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.67	ug/L
FMT 01	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
FMT 01	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
FMT 01	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
FMT 01	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
FMT 01	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
FMT 01	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
FMT 01	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
FMT 01	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
FMT 01	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
FMT 01	11/29/2022	TRITIUM	0.590	1.000		16.50	pCi/mL
FMT 01	6/14/2023	TRITIUM		1.000		12.80	pCi/mL
FMT 01	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
FMT 02	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
FMT 02	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
FMT 02	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
FMT 02	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
FMT 02	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
FMT 02	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
FMT 02	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
FMT 02	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
FMT 02	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
FMT 02	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
FMT 02	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
FMT 02	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
FMT 02	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.69	ug/L
FMT 02	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
FMT 02	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
FMT 02	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
FMT 02	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
FMT 02	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
FMT 02	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
FMT 02	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
FMT 02	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
FMT 02	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
FMT 02	11/29/2022	TRITIUM	0.590	1.000		14.10	pCi/mL
FMT 02	6/14/2023	TRITIUM		1.000		12.70	pCi/mL
FMT 02	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
FM-TL	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
FM-TL	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000	U	0.67	ug/L
FM-TL	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
FM-TL	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
FM-TL	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
FM-TL	11/29/2022	ACETONE	1.740	5.000	U	1.74	ug/L
FM-TL	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
FM-TL	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
FM-TL	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
FM-TL	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
FM-TL	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
FM-TL	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
FM-TL	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.69	ug/L
FM-TL	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
FM-TL	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
FM-TL	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
FM-TL	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
FM-TL	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
FM-TL	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
FM-TL	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	0.33	ug/L
FM-TL	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
FM-TL	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
FM-TL	11/29/2022	TRITIUM	0.620	1.000		45.00	pCi/mL
FM-TL	6/14/2023	TRITIUM		1.000		38.00	pCi/mL
FM-TL	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L
TL 01	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
TL 01	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
TL 01	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
TL 01	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
TL 01	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
TL 01	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
TL 01	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
TL 01	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
TL 01	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
TL 01	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
TL 01	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
TL 01	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
TL 01	6/14/2023	TRITIUM		1.000	J	2.75	pCi/mL
TL 01	6/14/2023	TRITIUM		1.000		3.92	pCi/mL
TL 03	11/29/2022	1,1,1-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	1,1,2,2-TETRACHLOROETHANE	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
TL 03	11/29/2022	1,1,2-TRICHLOROETHANE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	1,1-DICHLOROETHANE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	1,1-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	1,2-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	1,2-DICHLOROETHANE (EDC)	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	1,2-DICHLOROETHYLENE	0.667	2.000		4.44	ug/L
TL 03	6/14/2023	1,2-DICHLOROETHYLENE	0.667	2.000	U	2.00	ug/L
TL 03	11/29/2022	1,4-DICHLOROBENZENE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	1,4-DIOXANE	16.700	50.000	U	16.70	ug/L
TL 03	11/29/2022	2-HEXANONE	1.670	5.000	U	1.67	ug/L
TL 03	11/29/2022	ACETONE	1.740	5.000	J	2.12	ug/L
TL 03	11/29/2022	BENZENE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	BROMODICHLOROMETHANE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	CARBON DISULFIDE	1.670	5.000	U	1.67	ug/L
TL 03	11/29/2022	CARBON TETRACHLORIDE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	CHLOROBENZENE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
TL 03	6/14/2023	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.000	U	1.00	ug/L
TL 03	11/29/2022	CHLOROFORM	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1.000		4.44	ug/L
TL 03	6/14/2023	CIS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
TL 03	11/29/2022	CUMENE (ISOPROPYLBENZENE)	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	DICHLORODIFLUOROMETHANE	0.355	1.000	U	0.36	ug/L
TL 03	11/29/2022	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.000	J	0.69	ug/L
TL 03	11/29/2022	ETHYLBENZENE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	METHYL ETHYL KETONE	1.670	5.000	U	1.67	ug/L
TL 03	11/29/2022	METHYL ISOBUTYL KETONE	1.670	5.000	U	1.67	ug/L
TL 03	11/29/2022	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.000	U	0.33	ug/L

Table F-2. CAGW OU Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**SQL**	**Qualifier**	**Result**	**Units**
TL 03	11/29/2022	STYRENE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	0.33	ug/L
TL 03	6/14/2023	TETRACHLOROETHYLENE (PCE)	0.333	1.000	U	1.00	ug/L
TL 03	11/29/2022	TOLUENE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	0.33	ug/L
TL 03	6/14/2023	TRANS-1,2-DICHLOROETHYLENE	0.333	1.000	U	1.00	ug/L
TL 03	11/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1.000		8.29	ug/L
TL 03	6/14/2023	TRICHLOROETHYLENE (TCE)	0.333	1.000	U	1.00	ug/L
TL 03	11/29/2022	TRICHLOROFLUOROMETHANE	0.333	1.000	U	0.33	ug/L
TL 03	11/29/2022	TRITIUM	0.583	1.000		19.80	pCi/mL
TL 03	6/14/2023	TRITIUM		1.000		38.00	pCi/mL
TL 03	11/29/2022	XYLENES	1.000	3.000	U	1.00	ug/L