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Groundwater Monitoring Report for the C-Area Groundwater (CAGW) Operable Unit (OU)

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LIST OF ABBREVIATIONS AND ACRONYMS

~	approximately
1,2-DCE	1,2-dichloroethylene
2Q25	second quarter of 2025
3Q24	third quarter of 2024
4Q24	fourth quarter of 2024
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
CCT	Castor Creek Tributary
cm	centimeter
cm/yr	centimeters per year
CSM	conceptual site model
DO	dissolved oxygen
DPT	direct push technology
EMR	Effectiveness Monitoring Report
ERH	electrical resistance heating
EQL	Estimated Quantitation Limit
FFA	Federal Facility Agreement
FMB	Fourmile Branch
ft	feet
ft/yr	feet per year
gal	gallon
GA	Gordon Aquifer
GSA	General Separations Area
GCU	Gordon Confining Unit
in	inch
in/yr	inches per year
km	kilometer
km^2	square kilometers
L	liter
LAZ	Lower Aquifer Zone
µg/L	microgram per liter
m	meter
m/yr	meters per year
MAZ	Middle Aquifer Zone
MCL	maximum contaminant level
MDC	minimum detectable concentration
MDL	method detection limit
mi	mile
mi^2	square miles
ML	multi-level

LIST OF ABBREVIATIONS AND ACRONYMS *(CONTINUED/END)*

MNA	monitored natural attenuation
NTC	non-time critical
ORP	oxidation-reduction potential
OU	Operable Unit
PFAS	Per and polyfluoroalkyl substances
PFOA	perfluorooctane acid
PFOS	perfluorooctanoic sulfonate
pCi/mL	picocurie per milliliter
PCE	tetrachloroethylene
ppt	parts per trillion
RADP	removal action design plan
RA	removal action
RAO	removal action objective
RCRA	Resource Conservation and Recovery Act
ROD	Record of Decision
RSER/EE/CA	Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis
SCDES	South Carolina Department of Environmental Services[1]
SRNS	Savannah River Nuclear Solutions, LLC
SRS	Savannah River Site
SVE	Soil vapor extraction
TCCZ	Tan Clay Confining Zone
TCE	trichloroethylene
TCLC	Tan Clay Lower Clay
TCUC	Tan Clay Upper Clay
TOC	total organic carbon
TPH	total petroleum hydrocarbons
trans-1,2-DCE	trans-1,2-dichloroethylene
UAZ	Upper Aquifer Zone
USDOE	U.S. Department of Energy
USEPA	U.S. Environmental Protection Agency
UTRA	Upper Three Runs Aquifer
VC	vinyl chloride
VOC	volatile organic compound
WSRC	Westinghouse Savannah River Company (before October 2005)
yr	Year

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

1.0 INTRODUCTION

The Savannah River Site (SRS) occupies approximately (~) 804 square kilometers (km^2) (310 square miles [mi^2]) of land next to the Savannah River, principally in South Carolina counties Aiken and Barnwell. SRS is located ~ 40 kilometers (km) (25 miles [mi]) southeast of Augusta, Georgia, and ~32 km (20 mi) south of Aiken, South Carolina (Figure 1 inset). The United States Department of Energy (USDOE) owns SRS, and operating services are provided by Savannah River Nuclear Solutions, LLC (SRNS). Historically, tritium, plutonium, and other special nuclear materials, were produced at the SRS for national defense. Chemical and radioactive waste are byproducts of nuclear material production processes. These wastes are hazardous substances, as defined by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and are currently present in the environment at SRS.

SRS operations conducted in C-Area resulted in impacts to the groundwater. The C-Area Groundwater (CAGW) Operable Unit (OU) (Figure 1) defines an area which encompasses the impacted groundwater found beneath and downgradient of C-reactor and ancillary buildings. The groundwater has tritium and volatile organic compounds (VOC's), primarily trichloroethylene (TCE). The groundwater concentrations of TCE and tritium in the CAW OU pose a threat to human health and the environment and require monitoring. Subsequent to the CAGW Statement of Basis/Proposed Plan (SB/PP) issued in July 2011 and a scoping meeting between the Core Team (comprised of the USDOE, the South Carolina Department of Environmental Services [SCDES], and the United States Environmental Protection Agency [USEPA]), the USDOE initially agreed to submit a CAGW OU report to SCDES by September 30, 2012, September 2013, and following reports on a biennial basis (USDOE 2011). In 2013, following the comments to the 2012 report, the USDOE agreed to submit the report on an annual basis (USDOE 2013). At the July 18, 2017, scoping meeting for the CAGW OU Removal Site Evaluation Report / Engineering Evaluation / Cost Analysis (RSER/EE/CA) (SRNS, 2018), the Core Team agreed to briefly discontinue the submittal of the annual CAGW OU groundwater report and to include CAGW OU groundwater data as part of the effectiveness monitoring report (EMR) associated with the non-time critical removal action (NTC RA) targeting TCE discharges into surface water (SRNS, 2019).

This groundwater report is a continuance of the agreed annual reporting subsequent to the fifth and final *Effectiveness Monitoring Report (EMR) for the C-Area Groundwater (CAGW) Operable Unit (OU) Removal Action (U)* report (SRNS 2024) and focuses on the groundwater conditions at the unit from the third quarter of 2024 (3Q24) through the second quarter of 2025 (2Q25). The data presented in this report is from the groundwater samples collected during the fourth quarter of 2024 (4Q24). The CAGW OU groundwater monitoring network is listed in Table 1.

2.0 OPERABLE UNIT DESCRIPTION AND HISTORY

C-Area occupies a west-central part of the SRS in Barnwell County, South Carolina within the Fourmile Branch (FMB) watershed (Figure 1). The C-reactor, inside C-Area, achieved criticality in March 1955 and was operational until it was shut down in August 1968 to repair cracks in the reactor vessel. The C-reactor returned to service in October 1968 and operations continued until June 1985. In 1985, the reactor was placed in warm standby and transitioned to cold standby in 1987.

TCE is a VOC solvent that was used as a degreaser to clean machinery and components associated with C-reactor operations. Soil and groundwater characterization conducted from 1998 to 2002 found TCE in the vadose zone soils near the C-reactor building (105-C) and in the groundwater at concentrations above the maximum contaminant level (MCL) of 5 micrograms per liter (µg/L).

During the operation of C-reactor, tritium was released to the environment from many sources. Other than atmospheric releases, the three (3) primary discharge areas for tritium to soil and groundwater in C-Area were leaks from the distillation columns outside building 105-C (purification wing), the C-Area Discharge Canal, and the C-Area Reactor Seepage Basins (CRSBs).

Characterization from 1998 to 2002 found tritium above the MCL (20 picocuries per milliliter [pCi/mL]) in both groundwater and surface water. Analytical results from soil and groundwater samples collected around the 105-C purification wing (as well as concrete samples from the distillation pad) show that historic spills/leaks from building 105-C purification wing are a significant source of tritium in the groundwater. Results from characterization in 2011 and 2012 show contaminants (e.g., cesium-137) released to the C-Area Discharge Canal from C-reactor operations were carried by high flows to the FMB. The major source of tritium groundwater contamination was from disassembly basin water discharged to the CRSBs 904-66G, 904-67G, and 904-68G. The CRSBs, known historically to have tritium and other radionuclides, were closed using low-permeability grout stabilization as documented in the *Post-Construction Report (PCR)/Final Remediation Report (FRR) for the C-Area Reactor Seepage Basins (904-66G, -67G, and -68G) Operable Unit* (WSRC 2003).The main source of VOC contamination to CAGW OU groundwater was from C-Reactor Assembly Area operations.

SRNS is currently monitoring the CAGW OU groundwater for contamination that exceeds applicable MCLs. The CAGW OU encompasses an area of ~3.29 km^2 (1.27 mi^2) from a northern apogee (105-C reactor building and ancillary structures) west to the FMB, south to Castor Creek, and ending to the southwest at the confluence of the FMB and Castor Creek (Figure 1). The contamination seen in the CAGW OU is characterized and divided into three (3) subunits:

- vadose zone (TCE and tritium in subsurface soils),
- groundwater (VOCs [TCE/tetrachloroethylene {PCE}] and tritium groundwater plumes),
- and surface water (discharges from Twin Lakes drainage, groundwater discharge to Castor Creek, and Fourmile Branch [groundwater emerging along seepline]).

Two (2) contamination plumes, exceeding their respective MCLs, are delineated within the CAGW groundwater subunit:

- Tritium plume originating near the Retention Basin for 100-C Containment (904-89G) extending in a southwesterly direction, discharging to Castor Creek and a part of the FMB that is nearer to the confluence of Castor Creek and the FMB, and a

- TCE plume originating near building 105-C extending to the south-southwest and discharging into Castor Creek, with a narrow part extending west to the vicinity of the Twin Lakes drainage and the C-Area Burning Rubble Pit (CBRP) OU boundary.

An additional VOC groundwater contamination plume in the Twin Lakes area is associated with releases from the CBRP which is identified and addressed in the *Biennial Effectiveness Monitoring*

Report (EMR) for Monitored Natural Attenuation (MNA) at the C-Area Burning/Rubble Pit (131-C) and Old C-Area Burning/Rubble Pit (NBN) Operable Unit (U) report (SRNS 2025) and is not part of the CAGW OU report.

3.0 SITE HYDROGEOLOGY

3.1 Physiographic Setting

The CAGW OU is found on a broad, convex ridge within the FMB watershed. Local relief ranges from 89.9 meters (m) (295 feet [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 C-Area to the FMB and Castor Creek. During C-reactor operations, the reactor water discharge eroded Castor Creek downward ~ 4.6 to 6.1 m (15 to 20 ft) from the original elevation. The FMB discharges into the Savannah River floodplain and associated swamps ~ 13 km (8 mi) downstream from its confluence with Castor Creek.

3.2 Hydrogeologic Setting

The aquifer of concern within the CAGW OU area is part of the Floridan aquifer system. The aquifer is divided into two (2) 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 (GA). The UTRA is sub-divided into three (3) aquifer zones: the Upper Aquifer Zone (UAZ); the Middle Aquifer Zone (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 exists as a sandy to clayey-sand zone between the Tan Clay Upper Clay (TCUC) and the Tan Clay Lower Clay (TCLC) confining layers of the TCCZ. The top of the water table in C-Area (proximal to building 105-C) descends in elevation and hydrostratigraphic unit from the UAZ into the MAZ near Castor Creek and the FMB. Figure 2 through Figure 5 cross sections depict water table elevations, stratigraphic units, and the 4Q24 TCE and tritium concentrations for monitoring stations traversing the cross-section lines. While the hydraulic conductivities vary within each of the aquifer zones, the overall average groundwater velocity is 21.3 meters per year (m/yr) (70 feet per year [ft/yr]) for the UTRA at the CAGW OU to the points of discharge along FMB (WSRC 2001). 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 annual average rainfall at SRS from 1990 through June 2025 is 125.30 centimeters (cm) per year (cm/yr) (49.33 inches [in.] per year [in/yr]) based on the Data Climate Summary produced by the Savannah River National Laboratory (SRNL) Atmospheric Technologies Group (SRNL 2025). As of July 2, 2025, SRS had received 71.12 cm (28.00 in.), based on SRNL Atmospheric Technologies Group data, which is ~ 6.48 cm (2.55 in.) above the SRS average rainfall 64.64 cm (25.45 in.) received by July 2nd. The method of data collection changed in March 2020 from manual gauges to the SRNL Multi-Radar Multi-Sensor (MRMS) computer model (SRNL 2020). The annual average groundwater recharge is estimated at 31.75 cm/yr (12.5 in/yr), while the rest is lost to evapotranspiration or run-off to surface water (WSRC 2003). Years with below average rainfall will tend to provide less groundwater recharge, and the water table elevation will tend to fall. Appendix B presents hydrographs of recorded water levels at the CAGW OU monitoring points from 2000 to 2024. Collocated monitoring points are grouped and displayed on the same hydrograph for comparison. Overall, 4Q24 water levels are similar to fourth quarter 2023 (4Q23) water level data. A slight increase in water level elevation since 2023 has been observed in some of the MAZ CRW monitoring station locations (CRW025C through CRW030C) near Castor Creek (Figure B-26 through Figure B-31) and a slight decrease in water level elevation since 2016 has been observed in some of the MAZ/LAZ CSB monitoring station locations (CSB 12D and CSB 13D) near the FMB (Figures B-35 and Figure B-36).

4.0 MONITORING AND REPORTING

CAGW OU groundwater monitoring and annual reporting began in 2012. Table 1 is a complete list of the current monitoring network stations. Field measurements and data from samples collected during the 4Q24 sampling event are discussed in the subsequent text and are tabulated in Table A-1, Appendix A. Time-series plots of VOCs and tritium data above minimum detection limit (MDL), minimum detectable concentration (MDC), and/or estimated quantitation limit (EQL) from 2000 through 4Q24 are presented in Appendix C, Figure C-1 through Figure C-127. Figures depicting 4Q24 TCE and tritium isoconcentrations above MCL are in Appendix D (Figure

D1 through D6). Appendix E, Figure E1 through Figure E4 depicts potentiometric surfaces of the 4Q24 UTRA and GA zones.

4.1 Groundwater Monitoring Network

The current CAGW OU monitoring network (Figure 6) includes 86 monitoring stations (62 groundwater monitoring wells, eight [8] seepline stations, and 16 surface water stations). Groundwater samples are collected from the following:

- two (2) monitoring stations found north and upgradient from CAGW OU for background,
- four (4) monitoring stations found in the groundwater contamination source areas,
- eight (8) collection points along Castor Creek,
- three (3) collection points along the unnamed Castor Creek Tributary (CCT),
- three (3) collection points along the FMB,
- two (2) collection points along the Twin Lakes discharge, and
- 64 monitoring stations in the mid and distal portions of the contamination plumes.

Eighteen of the monitoring stations are multi-level (ML) well locations (clustered 1-in casings with multiple screen zones isolated within a 4-in casing). Samples collected from the CAGW OU monitoring network are used to track tritium and VOC concentrations in the UTRA and GA, record attenuation, contraction, and expansion of the plumes over time from the source areas to the points of discharge along the CAGW OU boundary.

4.2 Groundwater Elevation Measurements and Groundwater Flow Direction

Within the CAGW OU, groundwater in the UTRA flows from the C-Area OU, west and southwest towards the FMB and Castor Creek, respectively (Figure 7). Long term water level elevations, recorded at monitoring wells near the C-reactor disassembly basin (CDB 1, CDB 2, and CB003D), show historic elevations as high as ~ 68.3 m (224 ft) amsl (CDB 2) in 1995 to as low as ~ 62.2 m (204 ft) amsl (CDB 2) in 2012 (Figure 8). Since 2012, water levels have increased to bimodal highs of ~ 66 m (216 ft) amsl in 2017 and 2020, followed by a decreasing trend as of 4Q24. Groundwater within the GA flows west toward FMB.

Historic groundwater elevations, extending from 2000 to present, are displayed as hydrographs in Appendix B (Figure B-1 through Figure B-46). 4Q24 potentiometric surfaces of each aquifer zone within the UTRA and the GA are presented in Appendix E, Figures E-1 through E-4.

4.3 Groundwater Sampling and Analyses

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

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

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

In addition, the following field measurements are collected during the groundwater sampling event:

- alkalinity
- depth to water (wells)
- oxidation reduction potential (ORP)
- temperature (water)
- conductivity
- dissolved oxygen (DO)
- pH
- turbidity

MCLs for each constituent are listed in Table 2. The 4Q24 highest sample concentrations for each constituent are presented in Table 3. Sample results are evaluated to find overall long-term concentration trends for the tritium and TCE groundwater plumes.

5.0 CAGW OU GROUNDWATER SAMPLE RESULTS

Samples were collected from 58 of 62 monitoring well stations, six (6) of the eight (8) seepline stations, and all (16) of the surface water station locations during the 4Q24 sampling event. Monitoring wells CSB020B and CSB020C sustained damage to the above ground casings during a 2024 storm event and could not be sampled. In August 2025, CSB020B and CSB020C were abandoned and replaced with new monitoring wells CSB020BR and CSB020CR. Seepline monitoring stations CCSL-21R and CCSL-22R were dry, and monitoring wells RGW016D and RGW016CR (replacement for RGW016C damaged during a storm) were added to the well network after the 4Q24 sampling event. Field data and analytical results for samples collected during 4Q24 are tabulated in Table A-1 in Appendix A.

5.1 TCE

TCE is the principal VOC in the CAGW OU VOC groundwater contaminant plume. TCE concentrations above the EQL of 1.00 µg/L were collected at 25 of 80 sampled monitoring stations in 4Q24. TCE concentrations above the TCE MCL of 5 µg/L were collected at 14 monitoring wells and one (1) surface water station. The highest 4Q24 TCE groundwater sample concentration (75.3 µg/L) was collected from monitoring well CRW023C. The 4Q24 TCE sample concentration from CRW023C is the highest reported at this location to date (Figure C-21). TCE sample concentrations above the MDL of 0.33 µg/L but below the EQL were collected at seven (7) of the 80 monitoring stations. These concentrations are reported with the letter J (the EPA functional guideline code for estimated quantity).

As TCE is the principal contaminant in the CAGW OU VOC plume, the concentrations of TCE in samples collected from the monitoring network are used to delineate the physical extent of the total VOC groundwater contaminant plume. The VOC groundwater plume exceeding 5 µg/L extends to the south-southwest and discharges into Castor Creek, with a narrow part extending west to the vicinity of the Twin Lakes drainage and the CBRP OU boundary. It is constrained vertically to the UTRA and can be found within all three aquifer zones (UAZ, MAZ, and LAZ). The 4Q24 TCE plume has not changed significantly in concentration or extent since 4Q23 (SRNS 2024). Each aquifer zone and surface water body affected by the CAGW OU TCE plume is discussed in detail below. Figure C-1 through Figure C-38 are time series plots of all monitoring stations where TCE concentrations have been above EQL at least once since 2000.

<u>UAZ</u>

Analytical data for TCE groundwater sample concentrations in the UAZ are tabulated in Table A-1 in Appendix A and depicted in Appendix D, Figure D-1 (4Q24). The 4Q24 TCE plume emanates from the former vadose zone source (near C-Reactor Assembly Area), to the south-southwest and west. Groundwater sample concentrations exceeding the TCE MCL were seen at four (4) of the 20 UAZ monitoring wells (CDB 3D, CSB 17D, CRW020D, and CRW021DR). The sample concentration at CRW020D (66.9 µg/L) is the highest UAZ screened TCE sample concentration collected during the 4Q24 sampling event. Groundwater samples collected from this monitoring station (nearest to the former VOC source area) continue to show TCE groundwater concentrations above the MCL, but significantly less than the historic maximum TCE sample concentration of 11,600 µg/L collected in 2006 (Figure C-19). Overall, TCE sample concentrations at monitoring wells CRW020D (66.9 µg/L) and the nearby CRW021DR (23.9 µg/L) continue to show a reducing trend in concentrations relative to former years at these same UAZ screened locations (Figure 9). These long-term decreasing trends show that the 2006 Interim Record of Decision (WSRC 2004b) electrical resistance heating (ERH) with soil vapor extraction (SVE) remedial action south of the C-Reactor was successful in cutting off the contamination pathway to the groundwater (contaminant reduction in the vadose zone and the UTRA). Two (2) other 4Q24 TCE sample concentrations above MCL were collected at UAZ monitoring stations associated with the narrow part of the plume to the west (CBD 3D, 7.85 µg/L and CSB017D, 6.42 µg/L). Overall, TCE sample concentrations at these monitoring wells continue the same decreasing trend and the 4Q24 sample concentrations are below the maximum concentrations at these locations (308 µg/L at CDB 3D in 2016, and 20.10 µg/L at CSB017D in 2016) (Figure C-14 and Figure C-33, respectively). The 4Q24 sample collected from monitoring well CRW 5D (Figure C-17) was below the MCL at a concentration of 2.89 µg/L.

<u>MAZ</u>

The TCE plume descends from the UAZ into the MAZ as it expands to the south-southwest towards 3 Road and to the west, near the vicinity of the Twin Lakes drainage and the CBRP OU boundary. Analytical data for TCE groundwater sample concentrations in the MAZ are tabulated in Table A-1 in Appendix A and depicted in Appendix D, Figure D-2 (4Q24). Groundwater sample concentrations exceeding the TCE MCL were collected at nine (9) of the 25 MAZ monitoring wells sampled (CRW010CU, CRW023C, CRW024C, CRW026C, CRW027C, CRW028C, CRW029C, CRW030C, and CSB 15D). In 4Q24, the MAZ monitoring station with the highest TCE groundwater sample concentration was CRW023C (75.3 µg/L).

Monitoring wells CRW023C through CRW030C are associated with the distal south-southwest portion of the TCE plume near the discharge points at the unnamed CCT (Figure 6).With the exception of CRW025C (1.14 µg/L) and CRW027C (26.2 µg/L), the CRW monitoring wells show an increase in the 4Q24 TCE sample concentrations relative to 4Q23 (Figure C-21 through Figure C-28) and reflect the movement of a TCE residual mass (prior to the 2006 Interim Record of Decision RA) of increased concentrations currently traversing through the distal area of the plume (Figure 4). The remaining 4Q24 sample concentrations from MAZ monitoring stations in the distal part of the plume near other Castor Creek discharge points (CSB 15D, CCSL-8, CCSL-11, CCSL-14, and CCSL-23R) remain relatively unchanged or slightly decreased from 4Q23 (Figure C-32, Figure C-7, Figure C-8, and Figure C-9, respectively). The TCE sample concentration at CSB 15D (21.6 µg/L) is above the MCL but significantly lower in concentration from the maximum concentration of 198 µg/L in 2002. All the TCE 4Q24 sample concentrations collected from the MAZ seepline monitoring wells inside the VOC plume (CCSL-8, CCSL-11, CSL-14, and CCSL-23R) are below MCL and the highest sample concentrations collected at these locations (23 µg/L in 2012, 4.43 µg/L in 2016, 12.30 µg/L in 2018, and 28 µg/L in 2017, respectively). The 4Q24 sample collected from monitoring well CSB011C (2.32 µg/L) is an increase from 4Q23 but is still below the MCL (Figure C-31).

The MAZ monitoring stations CRW010CU and CSB 3C are associated with the narrow part of the plume to the west (Figure D-2). The 4Q24 sample concentration collected from CSB 3C (2.57 µg/L) is a slight increase compared to the 4Q23 sample (2.51 µg/L) but is still below the MCL and significantly less than the 2002 sample of 11.10 µg/L (Figure C-29). The 4Q24 concentration at CRW010CU (9.86 µg/L) is a slight increase compared to the 4Q23 concentration (9.25 µg/L) and below the highest concentration of 19.30 µg/L in 2019 (Figure C-18).

<u>LAZ</u>

Analytical data for TCE groundwater sample concentrations in the LAZ are tabulated in Table A-1 in Appendix A and depicted in Appendix D, Figure D-3 (4Q24). In 4Q24, samples were collected from 15 monitoring stations screened in the LAZ. TCE is present in the LAZ at concentrations exceeding the MCL at CSB017B (6.11 µg/L) and just below the MCL at monitoring station

CRW 10C (4.99 µg/L). Sample concentrations from these two (2) monitoring stations (CRW 10C and CSB017B) show that LAZ TCE concentrations in the western portion of the plume (migrating towards Twin Lakes and the CRBP OU boundary) continue to follow decreasing trends from the historic maximums recorded in 2017 and 2014 (Figure C-18 and Figure C-33, respectively). Two (2) sample concentrations (CSB011B and CSB019B) were above the MDL but just below the EQL (0.91 J µg/L and 0.82 J µg/L, respectively). These two (2) monitoring wells are in the south-southwestern part of the plume migrating towards Castor Creek (Figure D-3). Sample concentrations from these two (2) wells (CSB011B and CSB019B) show that TCE, although present, is still below the MCL in this part of the plume (Figure C-31 and Figure C-34).

GA

There are 10 monitoring stations screened in the GA as part of the CAGW OU monitoring network. All 10 GA monitoring wells were sampled in 4Q24 and none of the TCE sample concentrations exceeded the MDL.

Surface Water

Analytical data for TCE surface water sample concentrations are tabulated in Table A-1 in Appendix A. One (1) of the three (3) 4Q24 TCE sample concentrations exceeded the MCL along the Castor Creek Tributary (CCT 01, 8.51 µg/L) (Figure C-10). The two (2) other CCT surface water TCE sample concentrations, which are upgradient of CCT 01(CCT 02 and CCT 03) (Figure C-11 and Figure C-12, respectively), were above the EQL but below the MCL (4.28 µg/L and 3.47 µg/L, respectively). Figure 10 illustrates a decreasing trend in TCE sample concentrations from historic maximums collected at the CCT surface water locations. The 4Q24 TCE sample concentrations from these CCT locations show that a part of the TCE mass detected in the MAZ south-southwestern part of the VOC plume, is discharging to the CCT. Four (4) TCE sample concentrations collected from Castor Creek surface water locations (CC 05, CC 06, CC 07, and CC 08) were above the MDL but below the EQL (0.58 J µg/L, 0.64 J µg/L, 0.54 J µg/L, and 0.9 J µg/L, respectively). Two (2) of these locations (CC 05 and CC 08) are downstream from the CCT discharge point to the Castor Creek and other two (2) locations (CC 06 and CC 07) are upstream from the discharge point and downstream of the C-Area Discharge Canal (Figure 6). Apart from once at TL-01 and twice at TL-03 all TCE sample concentrations collected at the Castor Creek, FMB, and the Twin Lakes surface water locations have been below the MCL or MDL (Figure C-1 through Figure C-6, Figure C-37 and Figure C-38).

5.2 PCE

PCE is a minor constituent of the CAGW OU VOC groundwater plume and only one (1) groundwater sample concentration (collected from LAZ screened monitoring well CRP 5C) was above the MCL in 4Q24 (7.10 µg/L). The 4Q24 PCE highest sample concentration was slightly above the 4Q23 sample concentration at this station (6.39 µg/L), but well below the historic maximum of 14.20 µg/L collected in 2007 (Figure C-43). One (1) other PCE sample concentration, slightly above the EQL (1.00 µg/L) but below the MCL, was collected at LAZ screened monitoring well CRW 10C (1.28 µg/L). PCE sample concentrations at the CRW 10C location have steadily been slightly above or just below the EQL since 2007 and have never exceeded the PCE MCL (Figure C-44). PCE groundwater concentrations from these monitoring well stations (CRP 5C and CRW 10C) are part of the LAZ VOC plume migrating in a westerly direction towards the Twin Lakes and CRBP OU boundary (Figure D-3). Seven (7) PCE sample concentrations below the EQL, and above the MDL, were collected at two (2) MAZ screened monitoring wells (CRW010CU, 0.91 J µg/L and CRW024C, 0.54 J µg/L) and five (5) UAZ screened monitoring wells (CBD 1, 0.97 J µg/L, CTA003D, 0.69 J µg/L, CSB017D, 0.59 J µg/L, CSB 11D, 0.57 J µg/L, and CRW020D, 0.56 J µg/L). Analytical data for PCE sample concentrations are tabulated in Table A-1 in Appendix A. Figure C-39 through Figure C-49 are time series plots of all monitoring stations where PCE concentrations have been above EQL at least once since 2000.

5.3 1,2-DCE

Analytical data for 1,2-DCE sample concentrations are tabulated in Table A-1 in Appendix A. During the 4Q24 sampling event, 1,2-DCE was detected above EQL (2.00 µg/L) at monitoring well CRW026C (12.5 µg/L). This exceeds the 4Q23 sample concentration of 2.53 µg/L and is the highest concentration to date from samples collected in the CAGW OU monitoring network but well below the MCL of 70 µg/L (Figure C-52). 1,2-DCE was detected in four (4) more samples collected from CRW wells (CRW023C, CRW024C, CRW029C, and CRW030C) at concentrations above the MDL (0.667 µg/L) but below EQL (1.63 J µg/L, 1.28 J µg/L, 1.37 J µg/L, and 0.77 J µg/L, respectively). Groundwater from these CRW stations discharge to the CCT and one (1) surface water 1,2-DCE sample concentration (collected from CCT 01) was above the MDL but below the EQL (0.72 J µg/L). Figure C-50 through Figure C-52 are time series plots of all monitoring stations where 1,2-DCE concentrations have been above EQL at least once since 2000.

1,2-DCE is the collective name for two (2) isomer compounds cis-1,2-DCE and trans-1,2-DCE. The laboratory EQL and MDL for the individual isomer compounds (1.00 µg/L and 0.333 µg/L, respectively) are lower than the EQL and MDL for 1,2-DCE. None of the 4Q24 trans-1,2-DCE sample concentrations were above the MDL.

5.4 cis-1,2-DCE

Analytical data for cis-1,2-DCE sample concentrations are tabulated in Table A-1 in Appendix A. During the 4Q24 sampling event, cis-1,2-DCE was detected above the EQL (1.00 µg/L) at monitoring well CRW026C (12.5 µg/L). This exceeded the 4Q23 sample concentration of 2.53 µg/L and is the highest concentration to date but well below the MCL of 70 µg/L (Figure C-63). Cis-1,2-DCE was detected above EQL in three (3) more samples collected from CRW wells (CRW023C, 1.63 µg/L, CRW024C, 1.28 µg/L, and CRW029C, 1.37 µg/L). Cis-1,2-DCE was detected in four (4) additional samples collected from CRW wells (CRW020D, CRW027C, CRW028C, and CRW030C) at concentrations above the MDL (0.333 µg/L) but below the EQL (0.46 J µg/L, 0.54 J µg/L, 0.37 J µg/L, and 0.77 J µg/L, respectively). The cis-1,2-DCE sample concentration for CCT 01 (surface water station) was 0.72 J µg/L. Figure C-53 through Figure C-66 are time series plots of all monitoring stations where cis-1,2-DCE concentrations have been above EQL at least once since 2000.

5.5 VC

The 4Q24 VC sample concentrations for all CAGW OU monitoring network stations were below the MDL (0.333 µg/L). Historically this has been the norm for monitoring stations that are sampled in the CAGW OU monitoring network except for surface water station TL-03 (2.56 µg/L, 2004) (Figure C-67), which is a function of Twin Lakes microbial degradation.

5.6 Tritium

The overall extent and concentration of 4Q24 tritium groundwater plume is significantly less compared to the 2002 tritium plume concentration and extent (Figure 11). Tritium concentrations above their respective EQL and MDC were collected at 52 of 80 sampled monitoring stations in 4Q24. Tritium concentrations above the MCL of 20 pCi/mL were collected at 23 monitoring wells and four (4) surface water stations. The highest 4Q24 tritium groundwater sample concentration (825 pCi/mL) was collected from monitoring well CRW024C. The 4Q24 tritium sample concentration from CRW024C is the lowest sample concentration reported at this location to date (Figure C-102). Analytical data for tritium sample concentrations are tabulated in Table A-1 in Appendix A. Figure C-68 through Figure C-127 are time series plots of all monitoring stations where tritium concentrations have been above EQL at least once since 2000.

UAZ

Three (3) tritium sample concentrations above the MCL were collected from monitoring wells screened in the UAZ; CTA003D (410 pCi/ml) near the source area, CSB017D (37.3 pCi/ml) mid plume (near 105-C disassembly basin), and CSB021D (143 pCi/ml) mid plume (nearer to the FMB). The sample concentrations collected from the remaining 17 UAZ screened locations were below the MCL and above the respective EQL at eight (8) locations, and above the respective MDC but below the respective EQL at five (5) locations. Sample concentrations at the CSB017D location continue to fluctuate with no consistent trend but are well below the maximum concentration of 960 pCi/ml from 2012 (Figure C-115). Sample concentrations at the CSB021D location are steadily decreasing from the maximum concentration of 488 pCi/ml in 2012 with a slight increase relative to the 4Q23 concentration (Figure C-118). In 2013, a tritium sample concentration of 8,230 pCi/ml was collected at the CTA003D location (near source). Tritium concentrations at this location remain above MCL but have steadily and significantly decreased to the current 4Q24 concentration (Figure C-120). Figure D-4 depicts the 4Q24 tritium groundwater plume extent and concentrations in the UAZ.

MAZ

The majority and the highest tritium concentrations exceeding the MCL are now in the distal part of the plume in the MAZ near Castor Creek. In 4Q24 tritium sample concentrations range from 25.4 pCi/ml at well CCSL-11 (above the MCL) up to 825 pCi/ml at CRW024C, were collected at the 14 stations screened in the MAZ (Table A-1 in Appendix A). Figure D-5 depicts the 4Q24 tritium groundwater plume extent and concentrations in the MAZ. Six (6) sample concentrations were below the MCL and above the respective EQL (2.64 pCi/ml up to 17 pCi/ml) and one (1) sample concentration was above the respective MDC but below EQL (1.39 J pCi/ml). Figure 12 depicts the long-term decreasing trend of tritium concentrations in the monitoring wells found in the distal part of the plume near Castor Creek from 2010 to 4Q24.

LAZ

Six (6) tritium sample concentrations above the MCL were collected from monitoring wells screened in the LAZ; CSB017B (451 pCi/ml) mid plume near 105-C disassembly basin, CSB019B (269 pCi/ml) mid plume, and CSB013B, CSB 13D, CRW 15C, and CRW015B (58.2 pCi/ml, 27.3 pCi/ml, 34.6 pCi/ml, and 31.4 pCi/ml, respectively) mid plume near the FMB. Figure D-6 depicts the current tritium groundwater plume extent and concentrations in the LAZ. Sample concentrations at the CSB017B location (451 pCi/ml) depict an increasing trend as tritium moves vertically from the collated CSB017D ML well location (Figure C-115). Sample concentrations at the CSB019B location (mid plume) have been consistently above MCL but steadily decreasing in concentration since the maximum sample concentration of 703 pCi/ml collected in 2013 (Figure C-116). Sample concentrations at the CRW015B and CRW 15C locations (mid plume nearer to the FMB) have still been relatively stable in the 30 to 40 pCi/ml concentration since 2015 and 2022, respectively (Figure C-96). The tritium sample concentrations at the CSB 13D location have been steadily decreasing since the maximum concentration of 262 pCi/ml in 2012, whereas the tritium concentration at the nearby CSB 13B location (screened 10 ft lower in the LAZ) has an increasing trend in concentration since 2013 as the tritium moves vertically in the LAZ (Figure C-113). The sample concentrations collected from the remaining six (6) LAZ sampled locations were below the MCL and above the respective EQL at two (2) locations and above the respective MDC but below the EQL at one (1) location.

GA

Only one (1) of the 10 samples collected from the monitoring stations screened in the GA detected tritium above the respective MDC. The sample concentration of 0.51 J pCi/ml collected from monitoring well CRW 9A (mid plume) was above the respective MDC (0.446 pCi/ml), but below the EQL (1.02 pCi/ml). The CRW 9A 4Q24 sample concentration is below the highest concentration of 2.95 pCi/ml (2012) at this location (Figure C-92). The GA tritium sample concentrations have never exceeded the MCL. To date, the highest GA tritium sample concentration (3.56 pCi/ml) was collected from CRW 13 A in 2020 (Figure C-95).

Surface Water

Four (4) tritium sample concentrations above the MCL were collected from surface water stations CCT 01 (129 pCi/ml), FM-TL (22.2 pCi/ml), TL 03 (20.3 pCi/ml), and CC 03 (20.1 pCi/ml). The sample concentrations collected at these four (4) locations have always exceeded or been just below the MCL (Figure C-79, Figure C-125, Figure C-124 and Figure C-70). Figure 13 depicts the long-term decreasing trend of tritium concentrations at these surface water stations. The sample concentrations collected from the remaining 12 surface water locations were below the MCL and above the respective EQL at nine (9) locations, and above the respective MDC but below the EQL at one (1) location.

5.7 Per and Polyfluoroalkyl substances

Perfluorooctane acid (PFOA) and perfluorooctanoic sulfonate (PFOS) are man-made laboratory chemicals which are part of a collective group identified as per and polyfluoroalkyl substances (PFAS). PFAS are referenced as emerging containments of concerns on the USEPA webpage with links to fact sheets (*https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas*). In 2010, a piece of equipment used to harvest trees (Feller Buncher) caught fire in the wooded area southwest of the C-area footprint (Figure 14). The equipment tires were doused with a mixture of water and aqueous film-forming foam (AFFF) to aide in suppression of the fire. The type of AFFF used is known to have PFAS. A University of Georgia graduate student (under the direction of the Savanah River Ecology Laboratory) collected water, sediment, and biota samples from various locations at SRS in 2022 to include as part of their thesis on bioaccumulation of PFAS (University of Georgia, 2024). Surface waters were collected at Castor Creek as part of the thesis field study and results from the Castor Creek samples showed elevated levels of PFAS. Although PFAS use is not directly related to C-Area operations, samples were collected in 4Q24 at selected monitoring stations (Figure 15) to find if potential PFAS contamination exists in the CAGW OU groundwater. Analytical data for the PFAS samples are tabulated in Appendix F.

Eleven CAGW OU monitoring stations were sampled for PFAS during the 4Q24 sampling event which included six (6) surface water locations along Castor Creek (CC 01, CC 02, CC 05, CC 06, CC 07, and CC 08) and five (5) monitoring well locations (ML wells CRW 7A CRW 7D, CRW 11A, CRW 11D, and monitoring well CSB020D).The selected sample locations were based on location proximity and potential surface water run-off pathways from the 2010 fire event (Figure 14). Eleven of 40 PFAS constituents were detected above the respective MDL. Eight (8) sample station locations including all six (6) of the surface water locations and two (2) ML monitoring wells (CRW 7A and CRW 7D) had concentrations of PFAS above the respective MDL and EQL. Nine (9) sample station locations including all six (6) of the surface water locations and three (3) ML wells (CRW 7A, CRW 7D, and CRW 11A) had estimated PFAS concentrations above the respective MDL but below the EQL. One (1) PFAS constituent (PFOA) was detected above the respective MCL of 4 parts per trillion (ppt) at ML monitoring well CRW 7D (8.2 ppt). Table 4 summarizes detected PFAS constituents at the sampled locations. A complete list of sampled PFAS constituents and results are tabulated in Appendix F.

6.0 SUMMARY AND RECOMMENDATIONS

Groundwater and surface water data from 4Q24 indicate that TCE and tritium continue to be present in concentrations above the respective MCL. Preliminary investigative sampling for PFAS in the CAGW OU indicates that PFAS constituents are present above the respective EQL and PFOA, specifically, is present in the groundwater at a concentration above the respective MCL.

6.1 TCE

Concentrations exceeding the TCE MCL were detected in four (4) UAZ screened wells near the source area (CDB 3D, CSB 17D, CRW020D, and CRW021DR) but are well below the historic concentrations at these same locations (Figure C-14, Figure C-33, Figure C-19, and Figure C-20, respectively). Long-term decreasing trends (Figure 9) show that the 2006 Interim Record of Decision (WSRC 2004b) remedial action south of C-Reactor was successful in reducing the TCE concentrations in the vadose zone and cutting off the contamination pathway to the groundwater.

The 4Q24 TCE sample concentrations from MAZ screened monitoring wells in the south-southwest distal part of the plume (CRW wells near the CCT) have increased compared to 4Q23 (Figure C-21 through Figure C-28). The increased concentration may show that a TCE concentrated mass (released from source area prior to completion of the ERH remedial action) is currently pulsing through this area of the plume (Figure D-2 and Figure 4). The remaining 4Q24 MAZ monitoring station concentrations are relatively unchanged from the 4Q23 concentrations.

The TCE concentrations from surface water stations along the CCT show a relative decrease to 4Q23 concentrations and continue a decreasing trend from respective maximum concentrations in 2012 (CCT 01), 2017 (CCT 02), and 2018 (CCT 03) (Figure 10). Other than four (4) TCE sample concentrations (below the EQL but above the MDL) at the Castor Creek monitoring locations nearest the CCT and the Castor Creek confluence, all remaining 4Q24 surface water samples were below the MDL. Surface water concentrations compared to subsurface concentrations show that MNA mechanisms (e.g., sorption, volatilization, diffusion, dilution, dispersion, and decay) occur during TCE transport in the subsurface and wetlands prior to discharge into the FMB and Castor Creek.

The 4Q24 LAZ TCE concentrations in the western part of the plume (migrating towards Twin Lakes and the CRBP OU boundary) continue to follow decreasing trends from the historic maximums recorded in 2017 and 2014 (CRW 10C, Figure C-18 and CSB017B, Figure C-33). Sample concentrations from the LAZ wells in the south-southwestern mid part of the plume (CSB011B and CSB019B) show that TCE is still below the MCL (Figure C-31 and Figure C-34).

6.2 Tritium

Sample stations screened in the UAZ continue to exceed MCL at three (3) locations; CSB021D (mid plume nearer to the FMB), CT003D (near the source area), and CSB017D (slightly down gradient) (Figure C-118, Figure C-120, and Figure C-115, respectively). The remaining UAZ sample stations are well below the MCL.

Tritium sample concentrations collected from MAZ screened locations show that a significant portion of the tritium plume with the highest concentration is currently centered in the distal south-southwestern part of the plume around the CRW wells that are close to the CCT (Figure D-6). Although significantly higher compared to the MCL, tritium sample concentrations continue to steadily decrease in the MAZ (Figure 12).

Six (6) tritium sample concentrations collected from LAZ screened locations were above the MCL (Figure D-7). The LAZ tritium concentrations in the western part of the plume (towards the Twin lakes and CRBP boundary) and the part nearer to the FMB, have steadily increased as tritium moves vertically from the UAZ and MAZ (Figure C-115, Figure C-113, and Figure C-111).

Tritium concentrations exceeded the MCL at four (4) surface water locations (CCT 01 along the CCT, and TL 03, CC 03, and FM-TL along the FMB). The sample concentrations collected at these four (4) locations have always exceeded or been just below the MCL (Figure C-79, Figure C-124, Figure C-70 and Figure C-125). Figure 13 depicts the long-term decreasing trend of tritium concentrations at these surface water locations. Although the CAGW OU groundwater has contributed to the tritium concentration, the FMB is affected by upstream sources from the General Separations Area (GSA), which influence results at TL-03, CC 03, and FM-TL. The overall extent and concentration of 4Q24 tritium groundwater plume is significantly less compared to the 2002 tritium plume concentration and extent (Figure 11).

6.3 PFAS

Sample concentrations of PFAS constituents were detected above the respective EQL and MDL at eight (8) of the 11 selected monitoring stations in 4Q24 (Figure 15). Nine (9) sample station locations had estimated PFAS concentrations above the respective MDL but below the EQL. One (1) of the 40 PFAS constituents (PFOA) was detected above the MCL at ML monitoring well CRW 7D (8.2 ppt). Although PFAS use is not directly related to C-Area operations, the 4Q24 sample results show levels of PFAS constituents are present in the groundwater and surface waters of the Castor Creek. Additionally, PFAS sample concentrations were detected in a monitoring station (CRW 7D) that is upgradient from the Feller Buncher fire location (Figure 14). This would show that in addition to the documented fire incident, potential sources upgradient could be contributing to the detected PFAS concentrations (which include the PFOA 8.2 ppt result). Based on the 2024 sample results, a 2025 follow up interview and walkdown was conducted with an SRNS firefighter who was present at the time and responded to the 2010 fire. The location of the fire was confirmed to be downgradient of ML monitoring wells CRW 7A and 7D. During the 2025 walkdown, the firefighter showed that fire training exercises were conducted on a regular basis along an access road west of the 105-C reactor building and south of the fire training building 706-C (Figure 16). These fire training exercises included the use of AFFF.

6.4 Recommendations

SRNS recommends the continued annual groundwater and surface water monitoring for the CAGW OU to trend the tritium and VOCs relative to the respective groundwater plumes traversing from the original source area (near 105-C and the CSRBs) through the OU towards the FMB and Castor Creek.

Based on a PFOA detection above the MCL, and two potential source areas for PFAS, SRNS recommends expanding the current eleven (11) sampled monitoring stations (sampled for PFAS analyses) to include the additional following monitoring stations:

- 13 stations near the C-Area fence line (CRW 3D, CRW 3C, CRW 3A, CRW 4D, CRW 4C, CRW 4A, CSB017D, CSB017B, CRW 5A, CRW 5D, CSB 7D, CSB 1C and CRW022D).
- Seven (7) stations found between the fire training location and feller buncher fire location (CSB 10D, CSB 11D, CSB011C, CSB011B, CRW 9A, RGW016CR and RGW016D).
- Ten (10) stations found downgradient of both potential PFAS location sources (CSB 15D, CSB015B, CSB020CR, CSB020BR, CRW023C, CRW024C, CRW026C, CCT 01, CCT 02, and CCT 03).

The current Federal Facility Agreement [FFA] Appendix E.3 identifies a final Record of Decision (ROD) issuance of April 2030. SRNS recommends a Core Team meeting to occur during 1QCY26 to discuss the current implementation schedule in the context of additional PFAS investigation in the soils and groundwater. SRNS concludes that additional PFAS investigation may be necessary because of the new information regarding the Feller Buncher fire location and potential location of the other sources (e.g., drainage ditch along C-Reactor west fence line) attributing to the presence of PFAS at the CAGW OU.

The recommended discussion points for the Core Team meeting would include:

- Summary of the most recent data.
- Development of a Sampling and Analysis Plan (SAP) for PFAS Characterization (soil and groundwater) with a Revision 0 submittal in FY26.
- Planned approach for the updating of the CAGW OU Groundwater Flow and Transport Model with incorporation of recent potentiometric and contaminant data.
- Discuss proposed revisions to current FFA Implementation Schedule (an implementation schedule will be provided at the meeting.)

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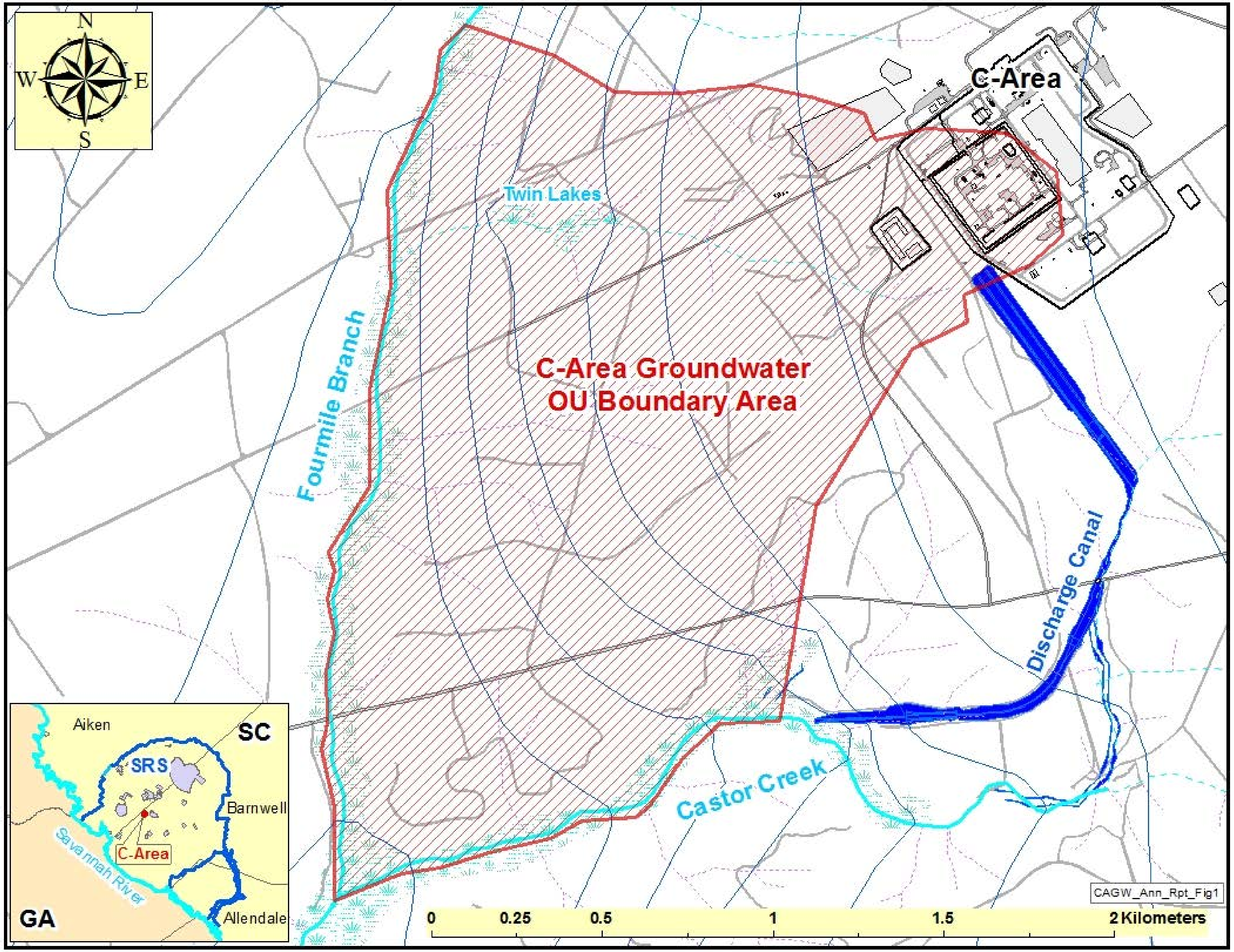

Figure 1. Location of CAGW OU in Relation to the C-Reactor Facilities

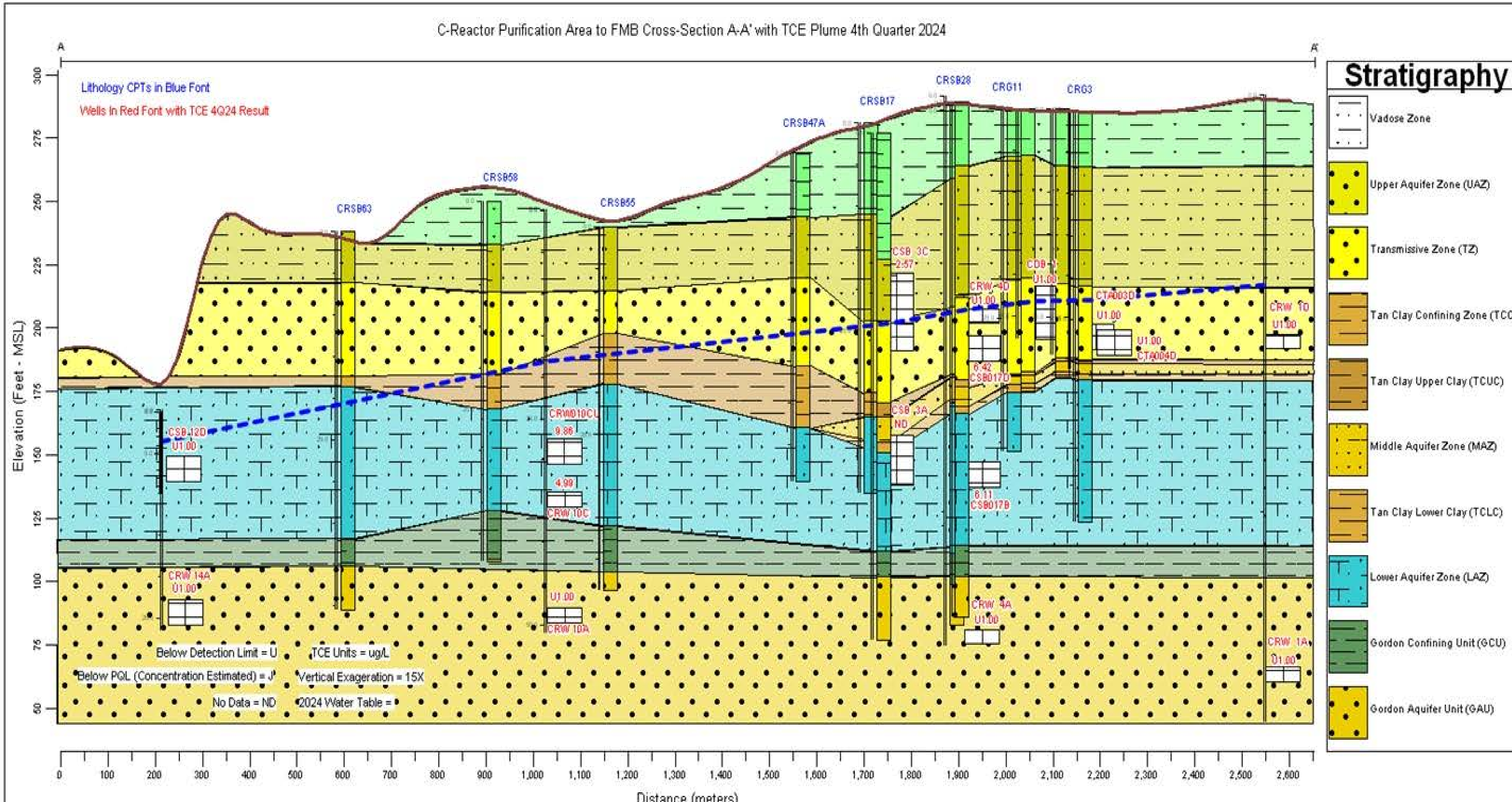

Figure 2. Cross Section A-A´ TCE Concentrations 4Q24

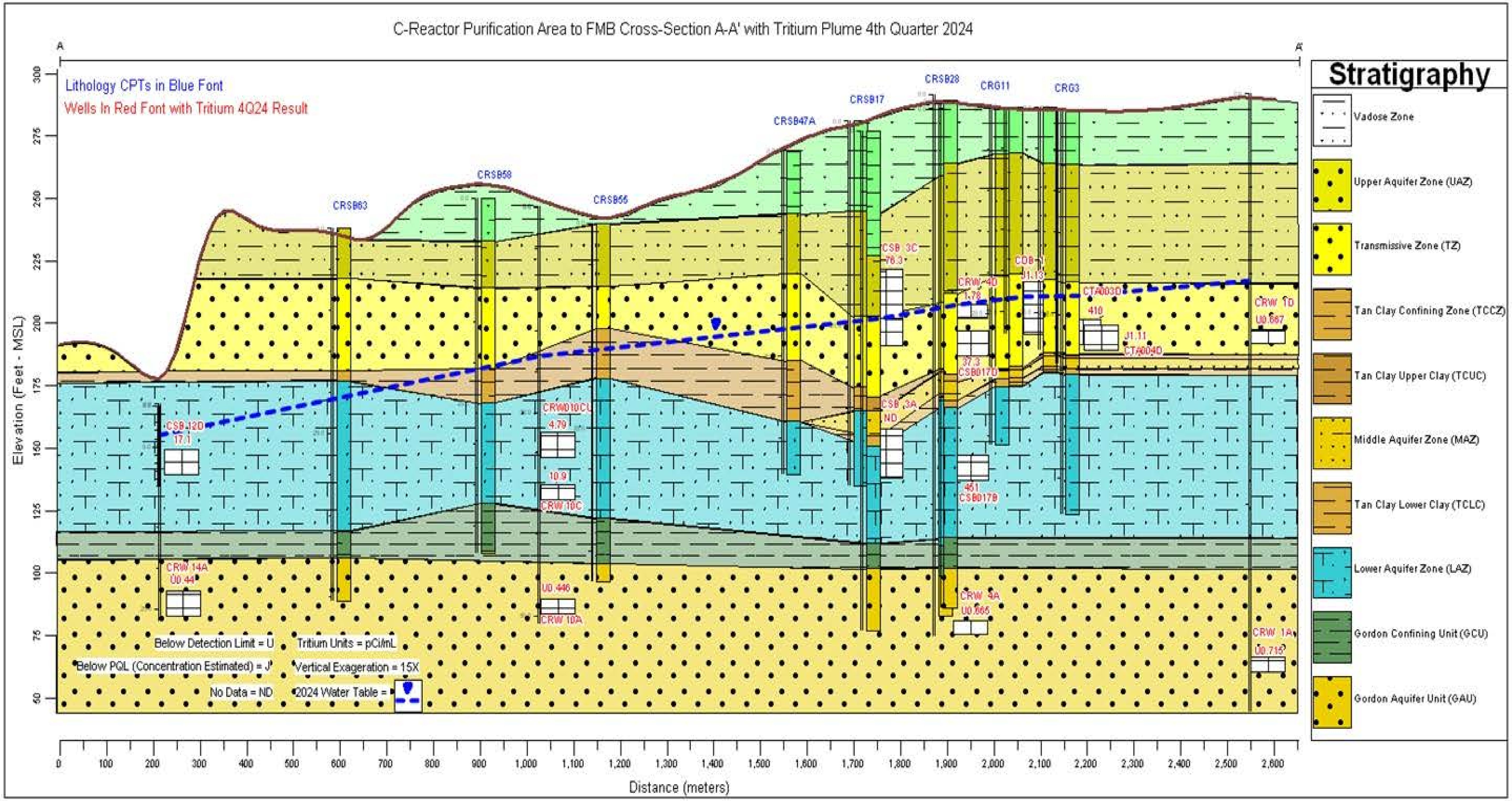

Figure 3. Cross Section A-A´ Tritium Concentrations 4Q24

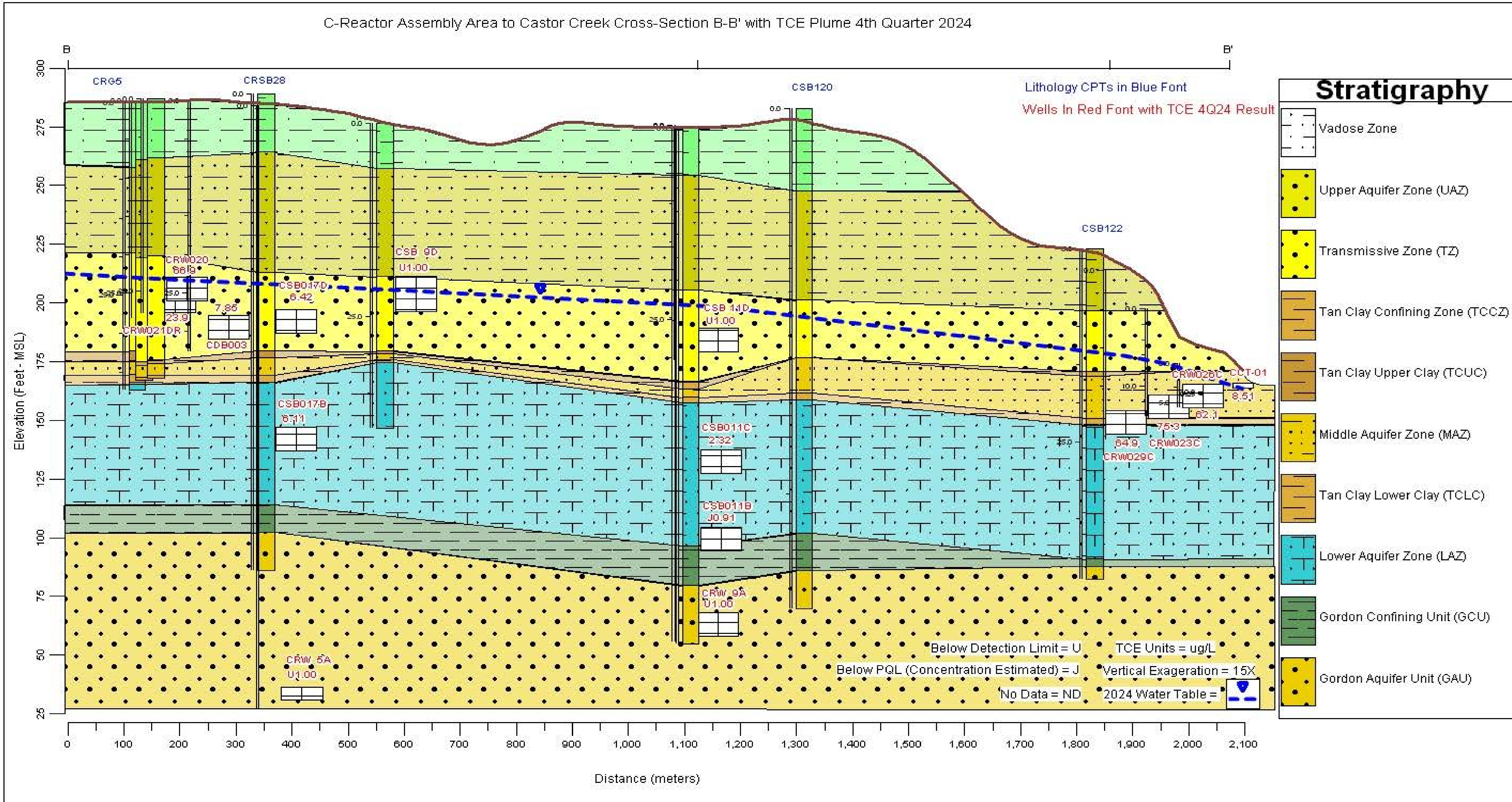

Figure 4. Cross Section B-B´ TCE Concentrations 4Q24

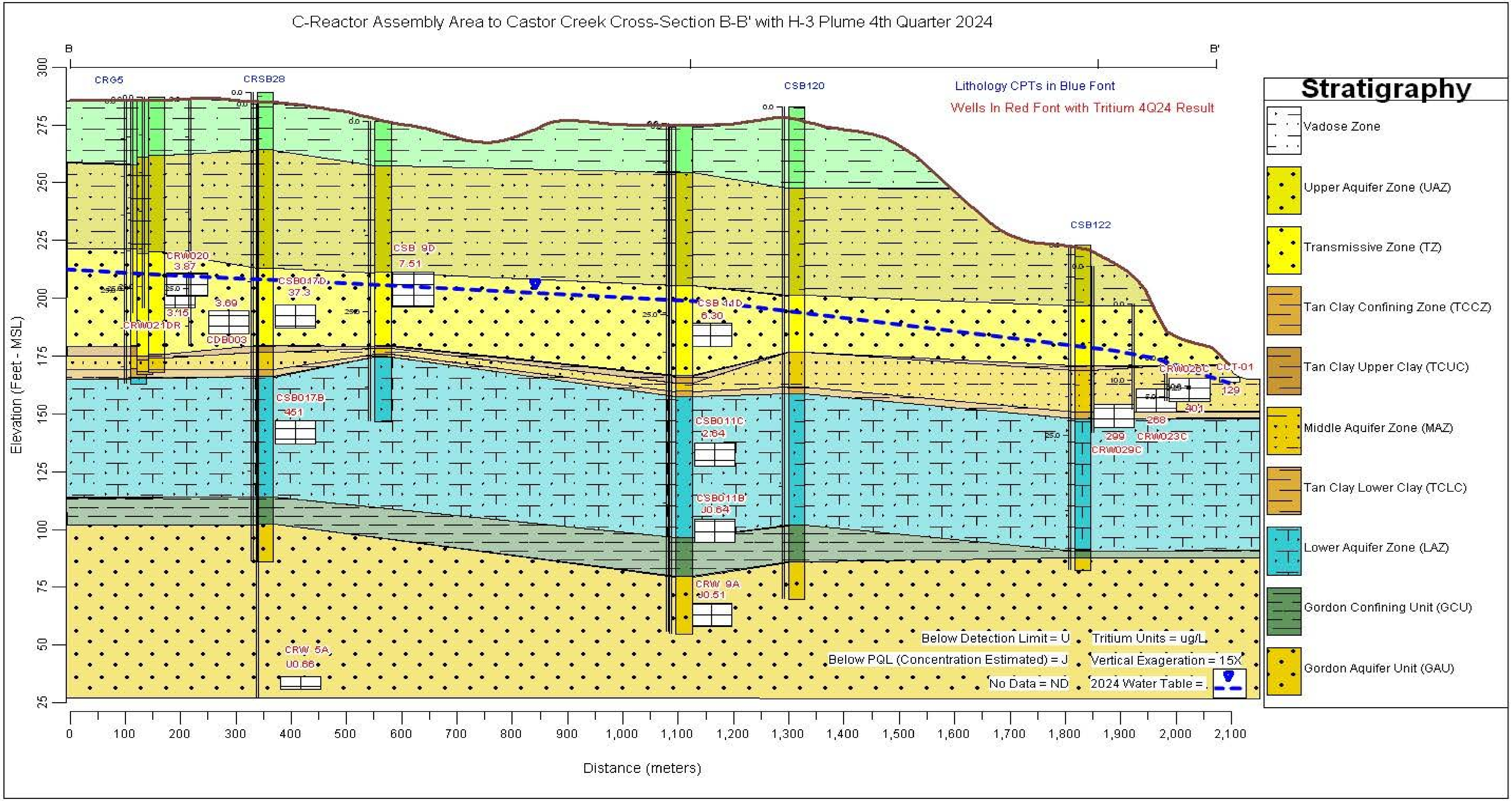

Figure 5. Cross Section B-B´ Tritium Concentrations 4Q24

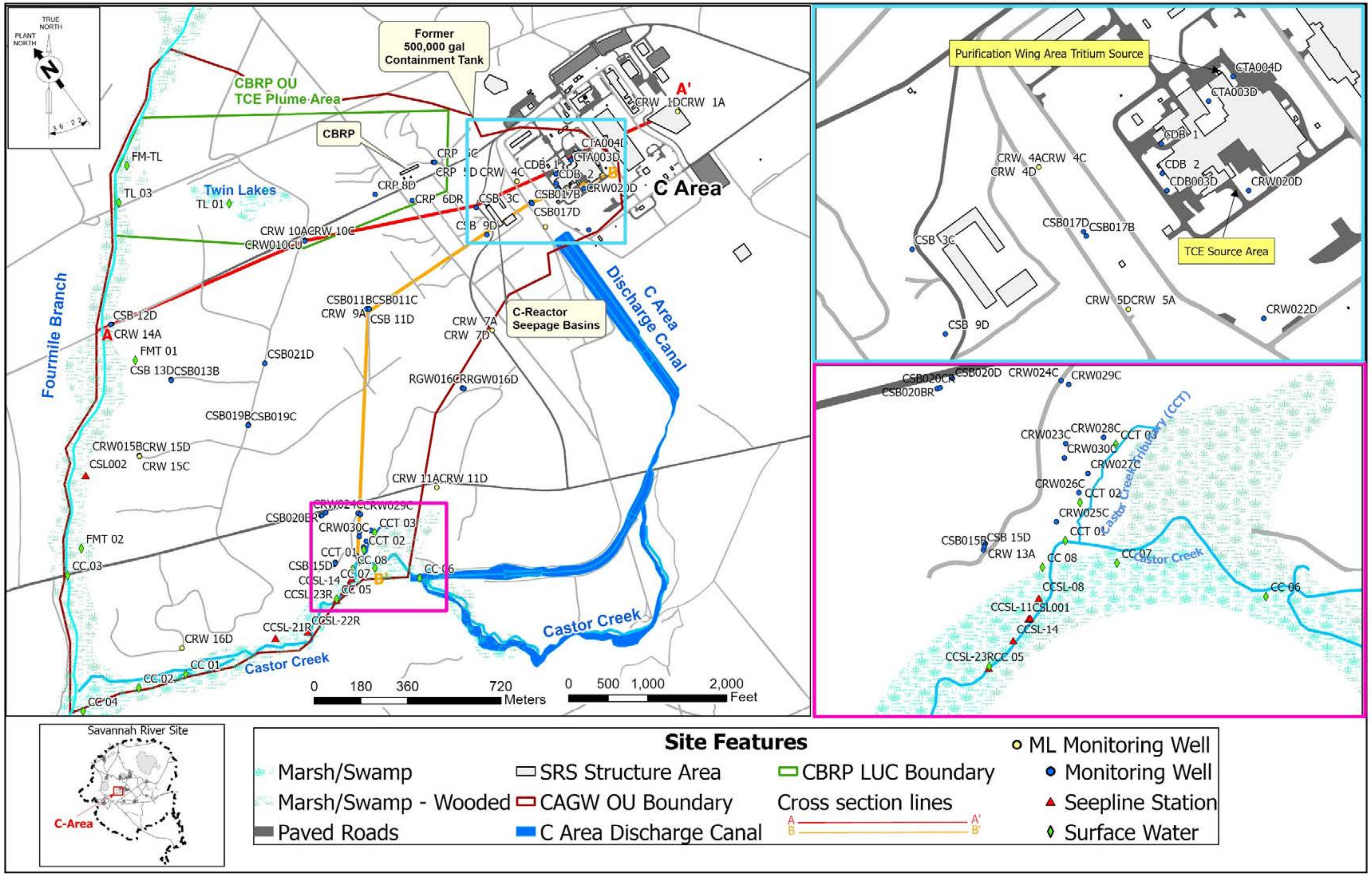

Figure 6. CAGW OU Monitoring Stations

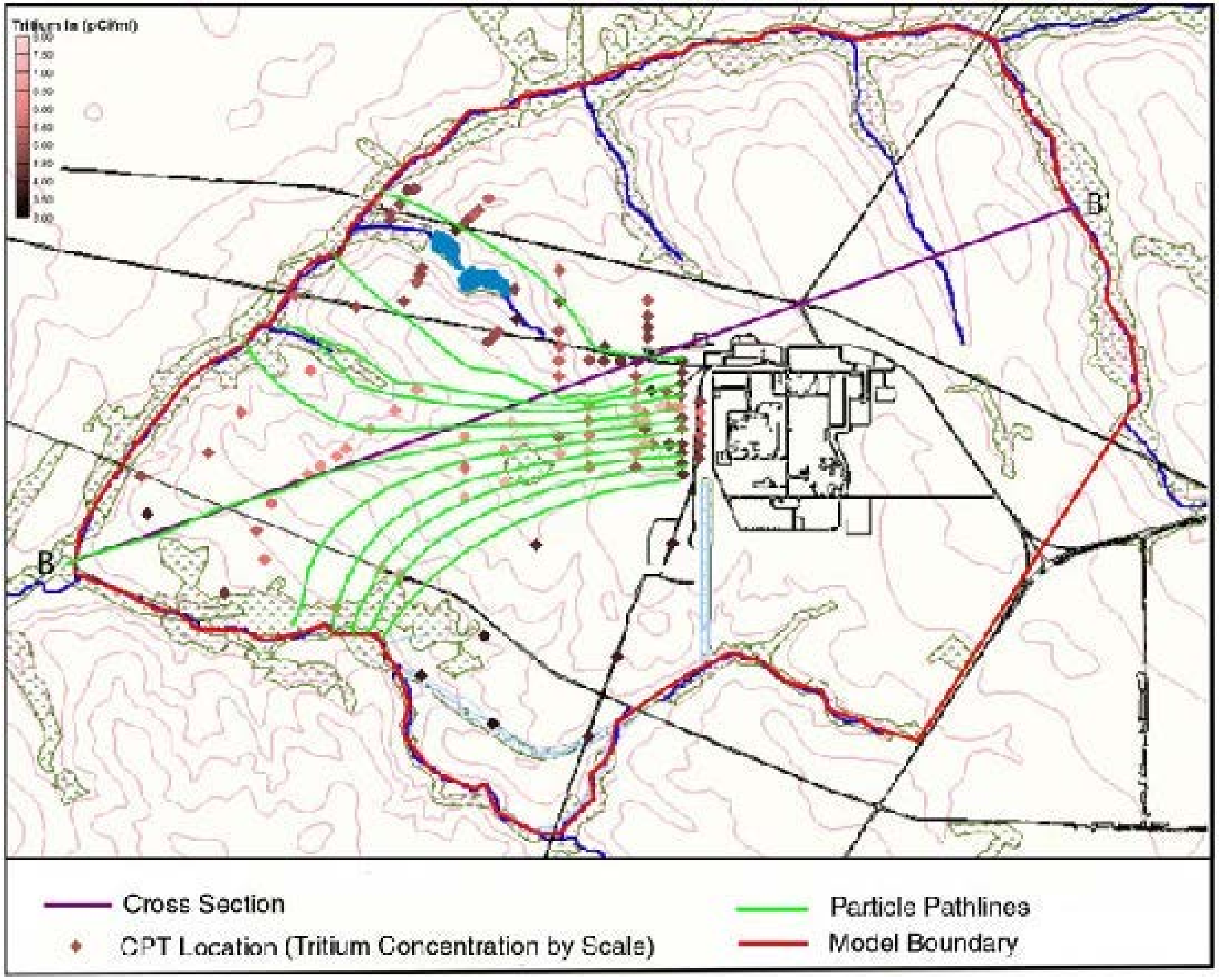

Figure 7. Groundwater Model Particle Tracks (WSRC-RP-2000-4096)

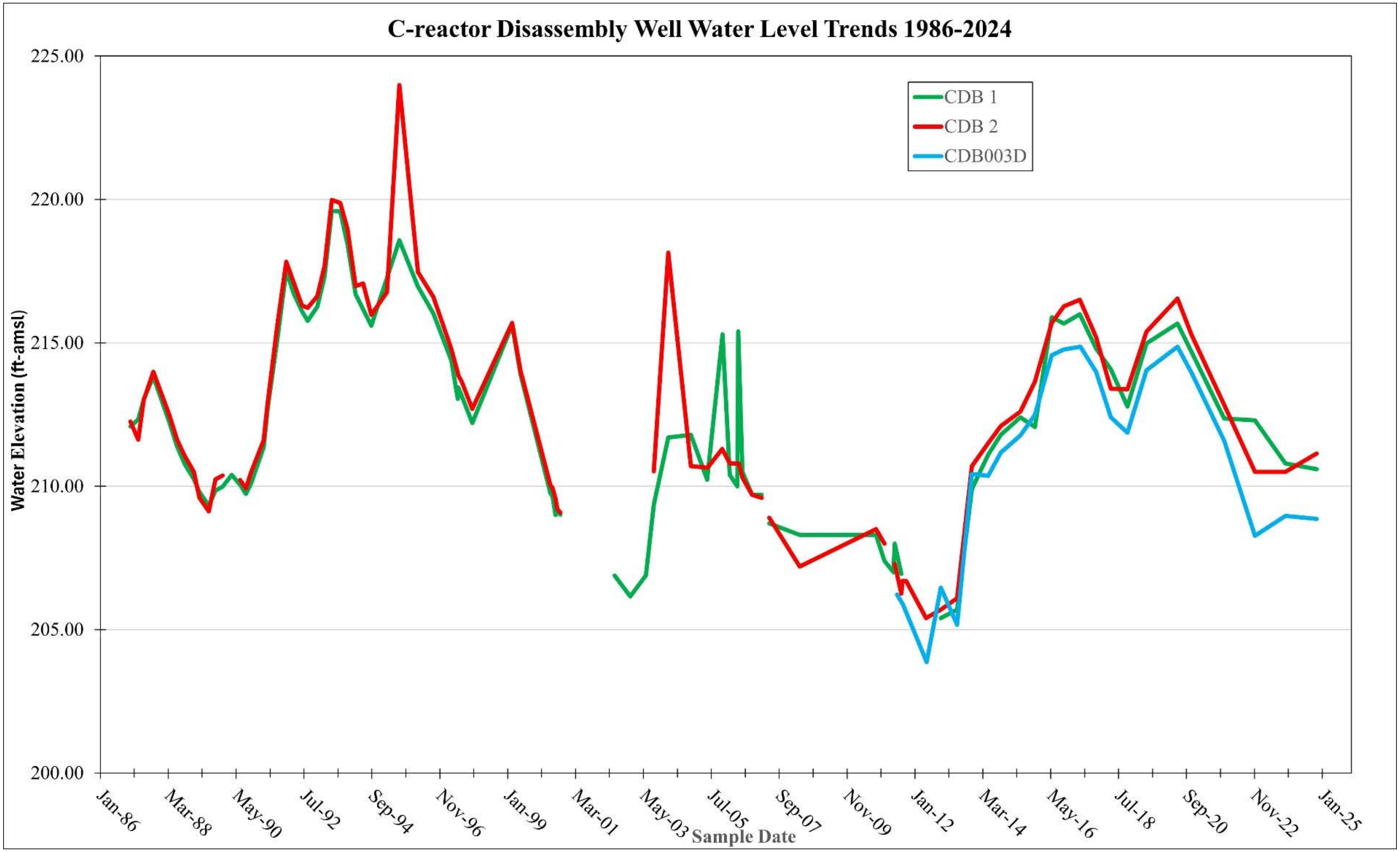

Figure 8. Water Table Trends Near C-Reactor

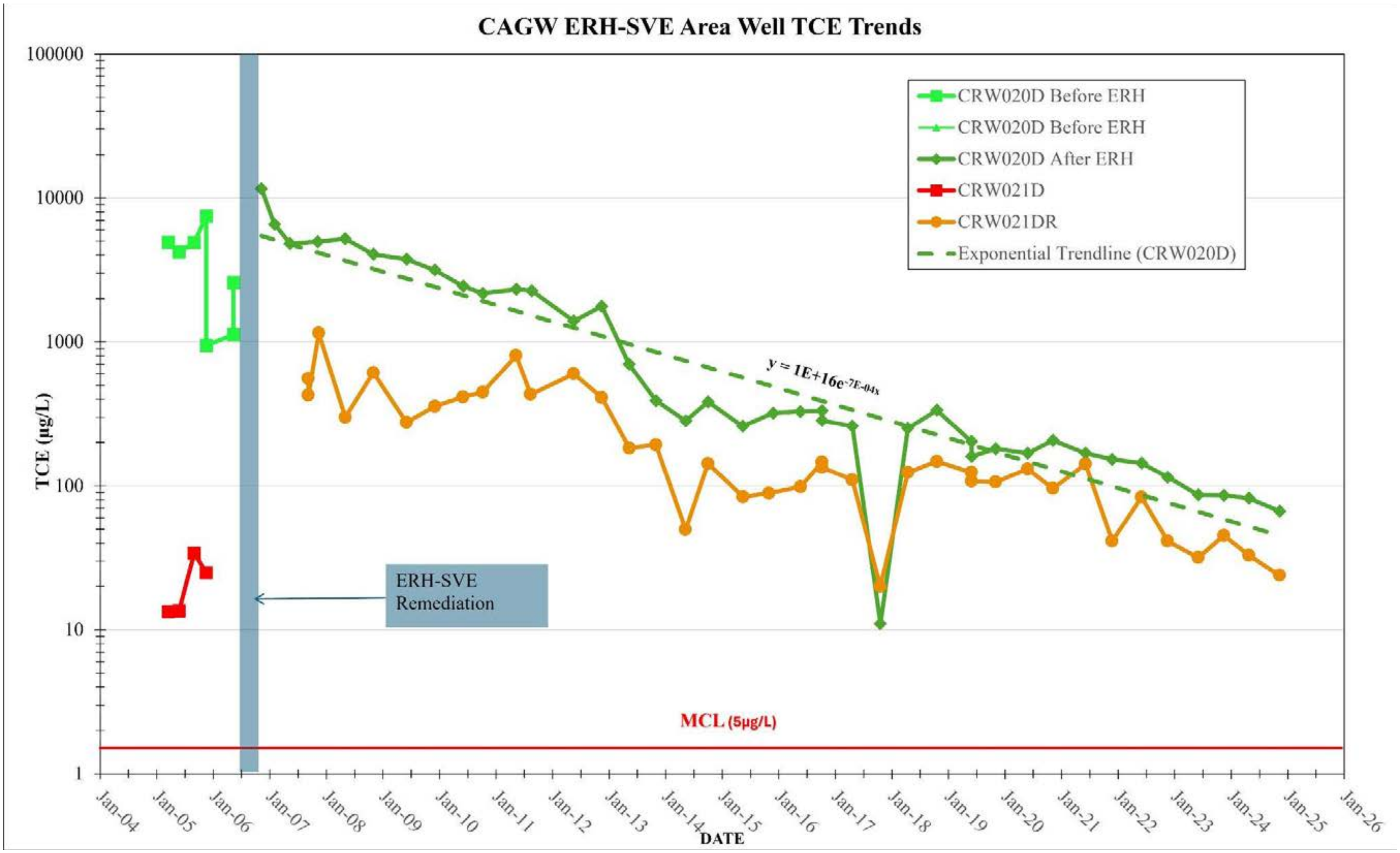

Figure 9. CAGW ERH-SVE Area Well TCE Trends

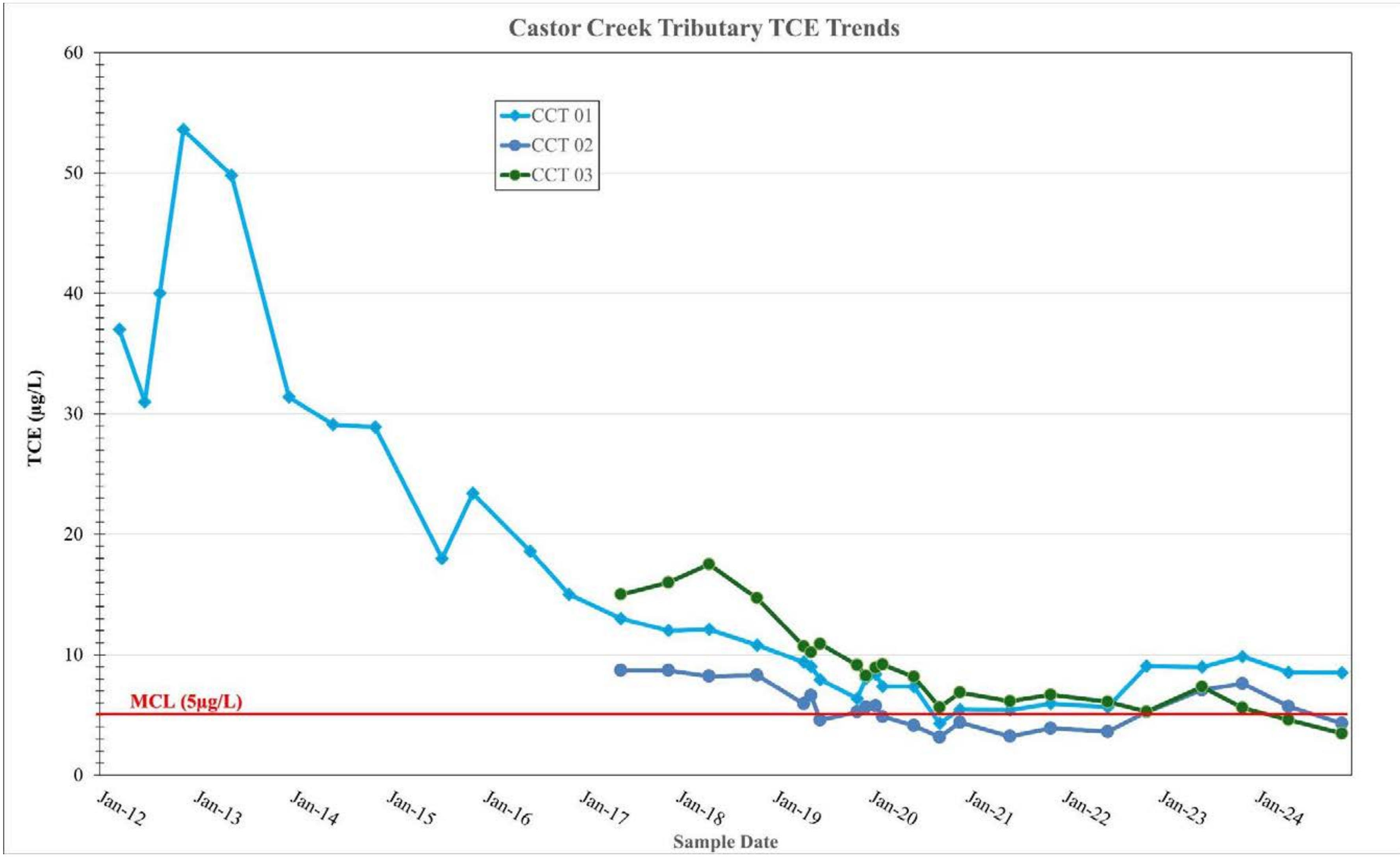

Figure 10. Castor Creek Tributary TCE Trends

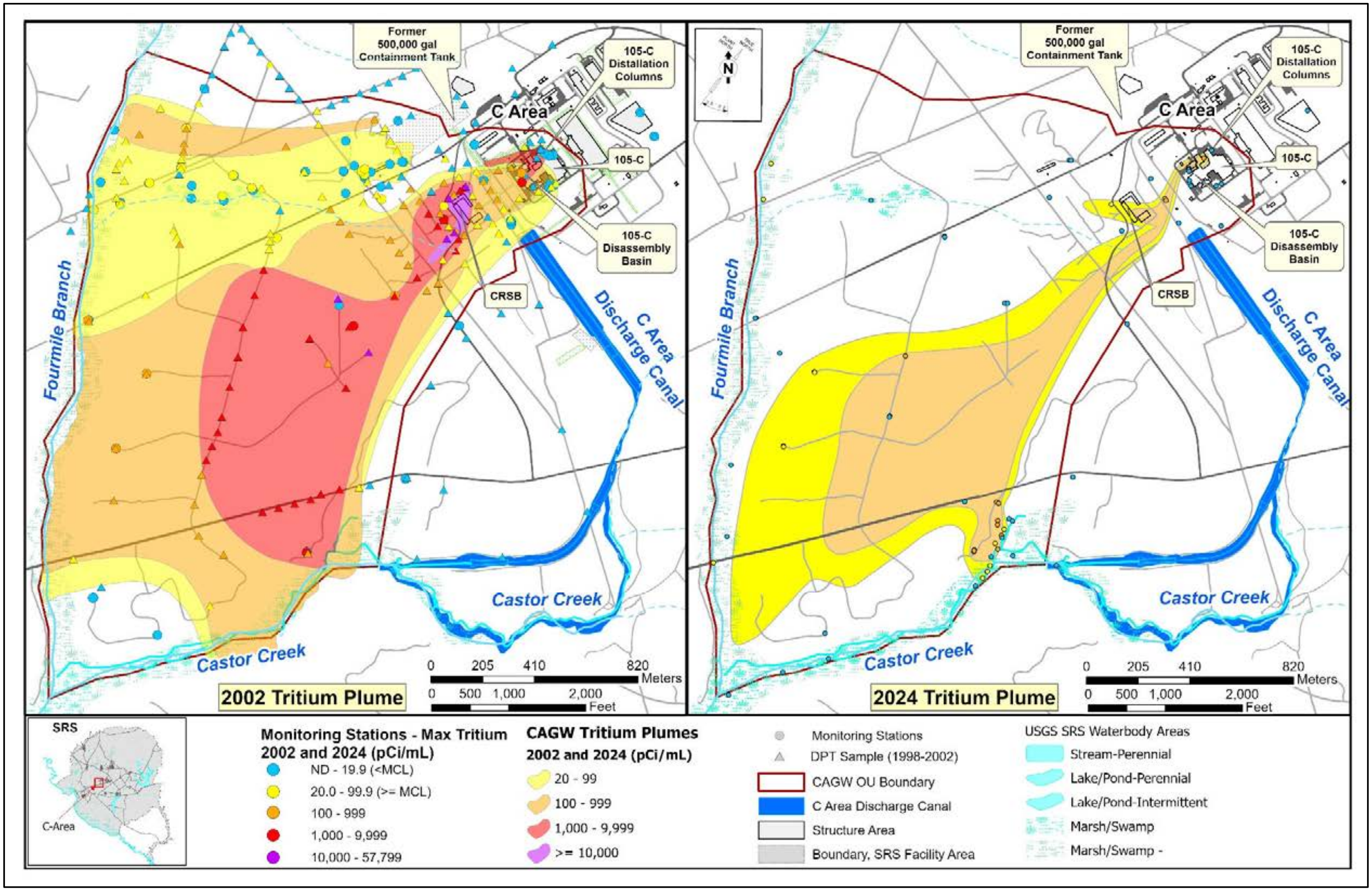

Figure 11. 2002 -2024 Tritium Plumes

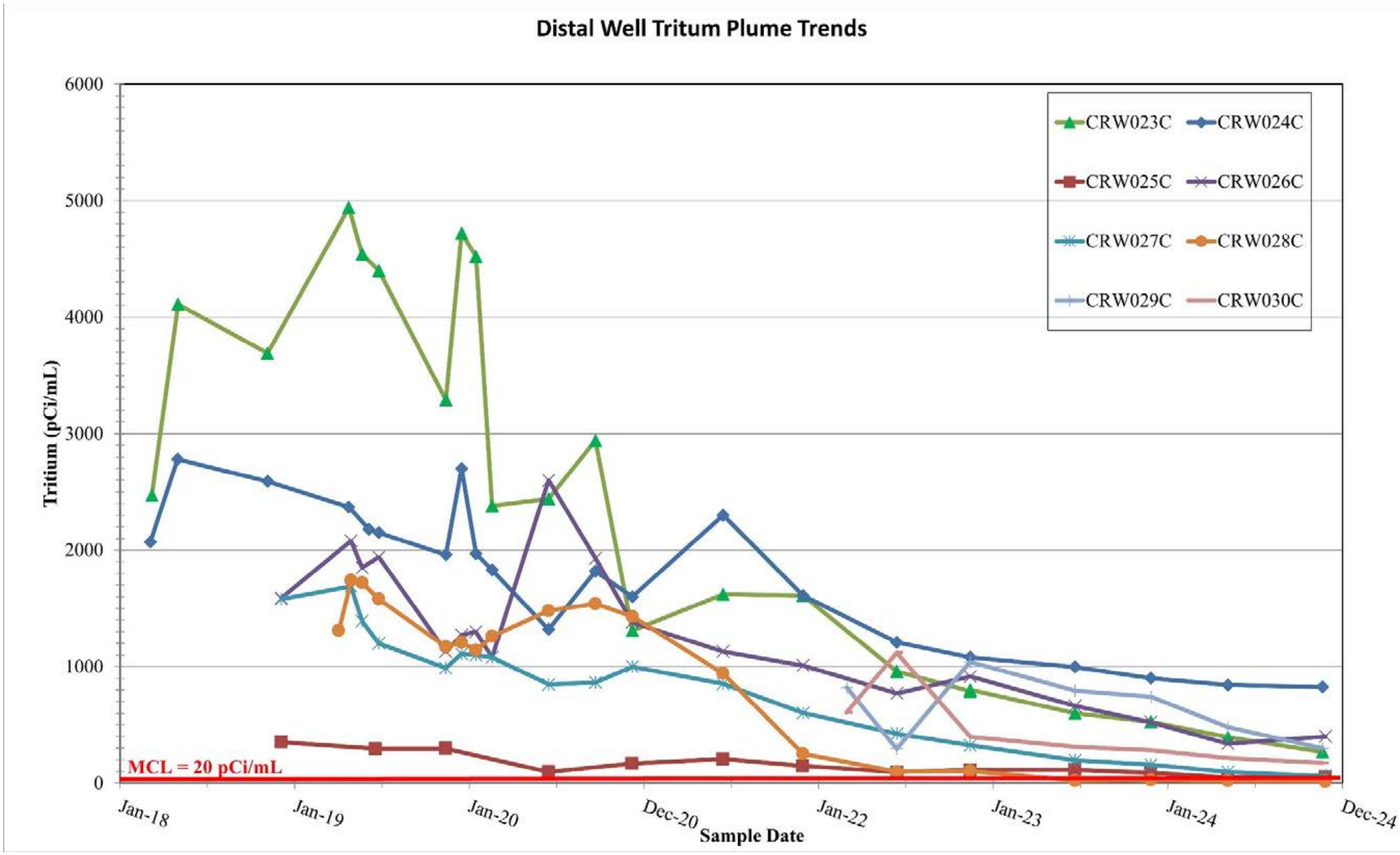

Figure 52. Distal Well Tritium Plume Trends

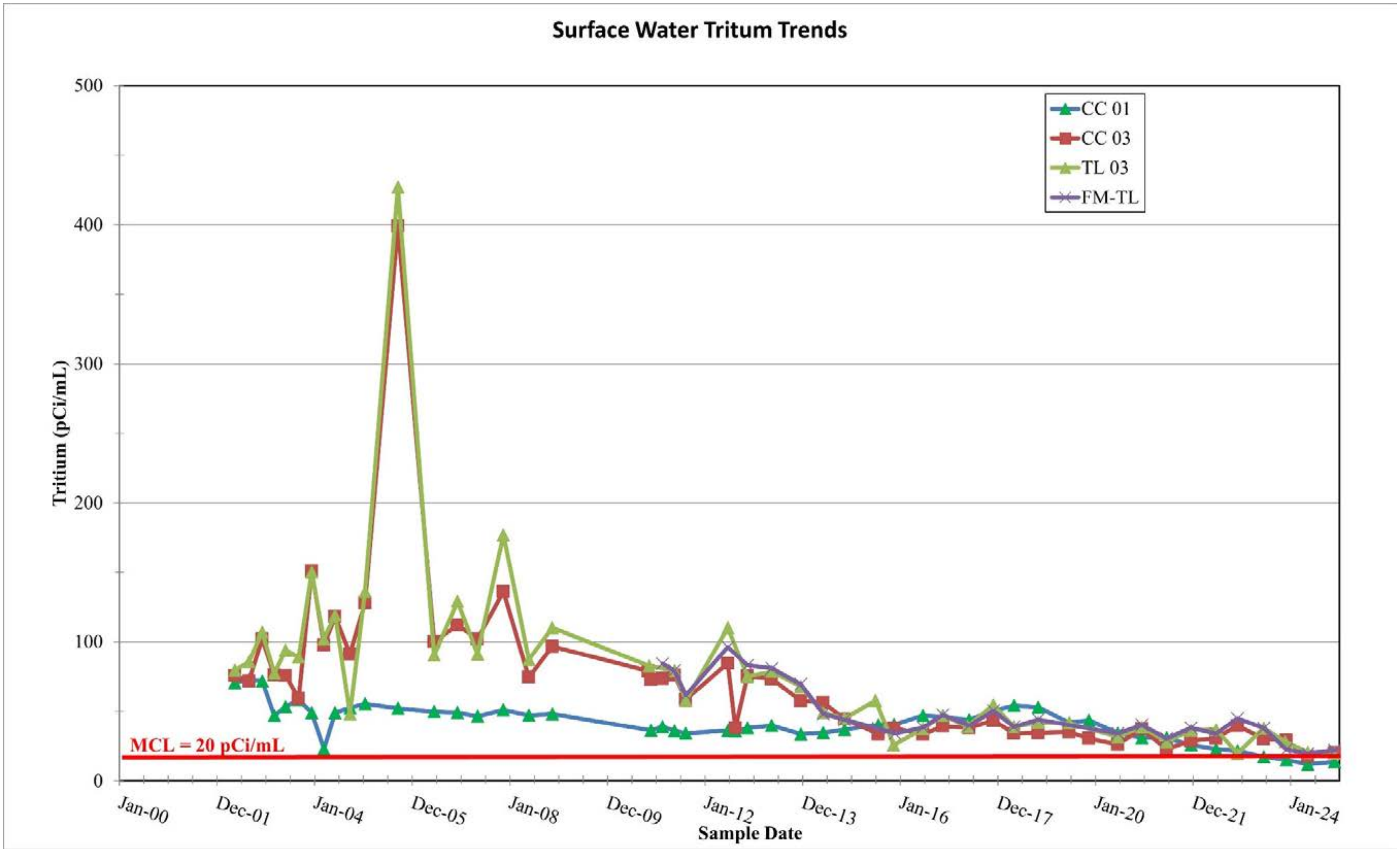

Figure 63. Surface Water Tritium Trends

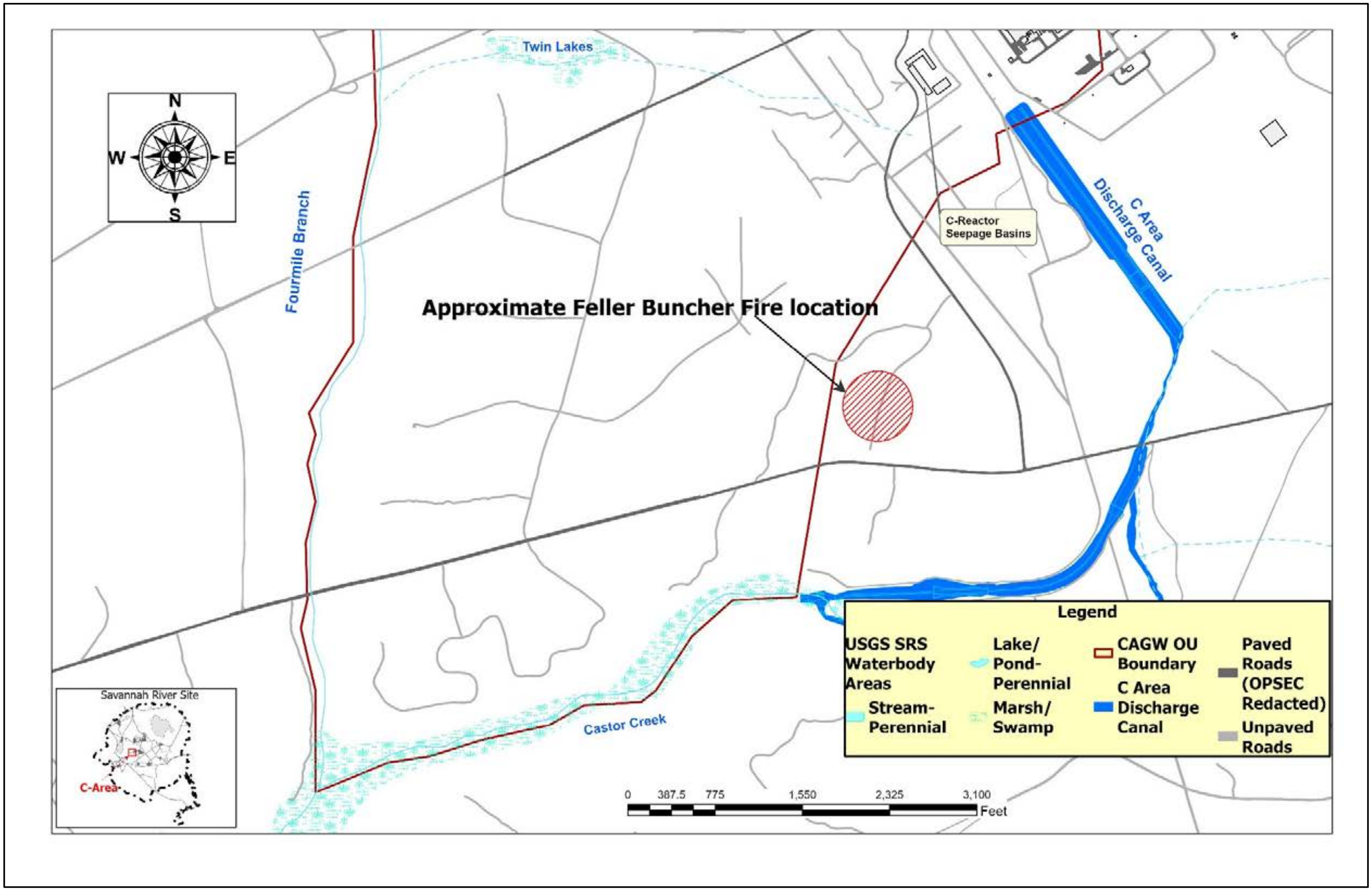

Figure 74. Feller Buncher Fire Location

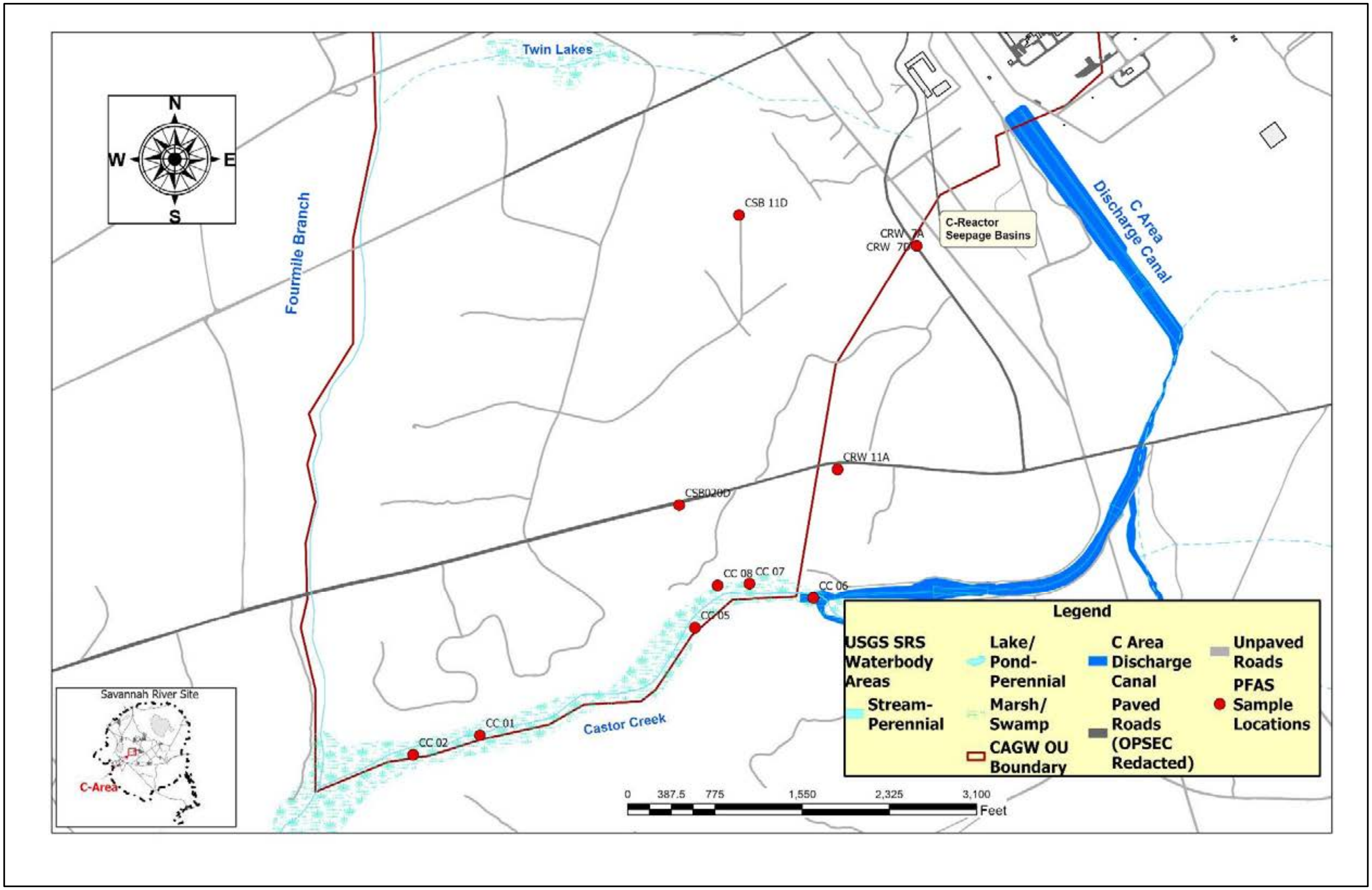

Figure 15. 4Q24 PFAS Sample Locations

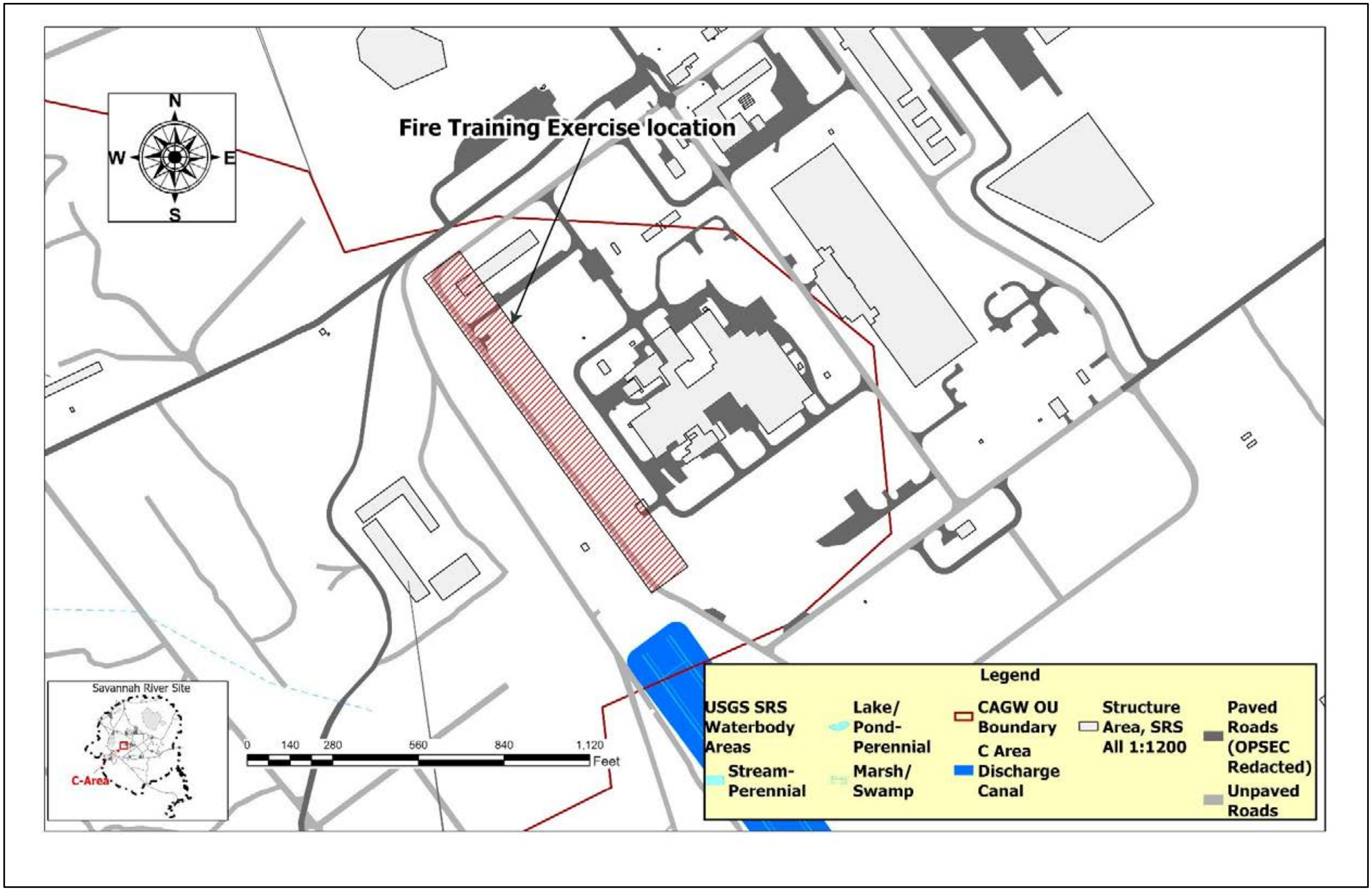

Figure 86. Fire Training Exercise Location

Table 1. CAGW OU Monitoring Stations

Station ID	Screen Zone	Station Type	Monitoring Network	Plume 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 05	NA	Surface Water	CAGW OU	Castor Creek
CC 06	NA	Surface Water	CAGW OU	Castor Creek
CC 07	NA	Surface Water	CAGW OU	Castor Creek
CC 08	NA	Surface Water	CAGW OU	Castor Creek
CCSL-21R	MAZ	Seepline Station	CAGW OU	Distal Plume
CCSL-22R	MAZ	Seepline Station	CAGW OU	Distal Plume
CCSL-23R	MAZ	Seepline Station	CAGW OU	Distal Plume
CCSL-08	MAZ	Seepline Station	CAGW OU	Distal Plume
CCSL-11	MAZ	Seepline Station	CAGW OU	Distal Plume
CCSL-14	MAZ	Seepline Station	CAGW OU	Distal Plume
CCT-01	NA	Surface Water	CAGW OU	Castor Creek Tributary
CCT-02	NA	Surface Water	CAGW OU	Castor Creek Tributary
CCT-03	NA	Surface Water	CAGW OU	Castor Creek Tributary
CDB 1	UAZ	Monitoring Well	CAGW OU	Source Area
CDB 2	UAZ	Monitoring Well	CAGW OU	Source Area
CDB003D	UAZ	Monitoring Well	CAGW OU	Source Area
CRP 5C	LAZ	Monitoring Well	CAGW OU	Mid Plume
CRP 5D	UAZ	Monitoring Well	CAGW OU	Mid Plume
CRP 6DR	UAZ	Monitoring Well	CAGW OU	Mid Plume
CRP 8D	UAZ	Monitoring Well	CAGW OU	Mid Plume
CRW 1A	GA	ML Monitoring Well	CAGW OU	Background
CRW 1D	UAZ	ML Monitoring Well	CAGW OU	Background
CRW 4A	GA	ML Monitoring Well	CAGW OU	Mid Plume
CRW 4C	MAZ	ML Monitoring Well	CAGW OU	Mid Plume
CRW 4D	UAZ	ML Monitoring Well	CAGW OU	Mid Plume
CRW 5A	GA	ML Monitoring Well	CAGW OU	Mid Plume
CRW 5D	UAZ	ML Monitoring Well	CAGW OU	Mid Plume
CRW 7A	GA	ML Monitoring Well	CAGW OU	Mid Plume
CRW 7D	UAZ	ML Monitoring Well	CAGW OU	Mid Plume
CRW 9A	GA	Monitoring Well	CAGW OU	Mid Plume
CRW 10A	GA	ML Monitoring Well	CAGW OU	Mid Plume
CRW 10C	LAZ	ML Monitoring Well	CAGW OU	Mid Plume
CRW010CU	MAZ	Monitoring Well	CAGW OU	Mid Plume
CRW 11A	GA	ML Monitoring Well	CAGW OU	Mid Plume
CRW 11D	MAZ	ML Monitoring Well	CAGW OU	Mid Plume
CRW 13A	GA	Monitoring Well	CAGW OU	Distal Plume
CRW 14A	GA	Monitoring Well	CAGW OU	Distal Plume
CRW 15A	GA	ML Monitoring Well	CAGW OU	Mid Plume
CRW015B	LAZ	ML Monitoring Well	CAGW OU	Mid Plume
CRW 15C	LAZ	ML Monitoring Well	CAGW OU	Mid Plume
CRW 15D	MAZ	ML Monitoring Well	CAGW OU	Mid Plume
CRW 16D	LAZ	ML Monitoring Well	CAGW OU	Distal Plume
CRW020D	UAZ	Monitoring Well	CAGW OU	Source Area

Station ID	Screen Zone	Station Type	Monitoring Network	Plume Area
CRW021DR	UAZ	Monitoring Well	CAGW OU	Source Area
CRW022D	UAZ	Monitoring Well	CAGW OU	Mid Plume
CRW023C	MAZ	Monitoring Well	CAGW OU	Distal Plume
CRW024C	MAZ	Monitoring Well	CAGW OU	Distal Plume
CRW025C	MAZ	Monitoring Well	CAGW OU	Distal Plume
CRW026C	MAZ	Monitoring Well	CAGW OU	Distal Plume
CRW027C	MAZ	Monitoring Well	CAGW OU	Distal Plume
CRW028C	MAZ	Monitoring Well	CAGW OU	Distal Plume
CRW029C	MAZ	Monitoring Well	CAGW OU	Distal Plume
CRW030C	MAZ	Monitoring Well	CAGW OU	Distal Plume
CSB 3C	MAZ	Monitoring Well	CAGW OU	Mid Plume
CSB 9D	UAZ	Monitoring Well	CAGW OU	Mid Plume
CSB 11B	LAZ	Monitoring Well	CAGW OU	Mid Plume
CSB 11C	MAZ	Monitoring Well	CAGW OU	Mid Plume
CSB 11D	UAZ	Monitoring Well	CAGW OU	Mid Plume
CSB 12D	MAZ	Monitoring Well	CAGW OU	Distal Plume
CSB 13B	LAZ	Monitoring Well	CAGW OU	Mid Plume
CSB 13D	LAZ	Monitoring Well	CAGW OU	Mid Plume
CSB015B	LAZ	Monitoring Well	CAGW OU	Distal Plume
CSB 15D	MAZ	Monitoring Well	CAGW-OU	Distal Plume
CSB017B	LAZ	Monitoring Well	CAGW OU	Mid Plume
CSB017D	UAZ	Monitoring Well	CAGW OU	Mid Plume
CSB019B	LAZ	Monitoring Well	CAGW OU	Mid Plume
CSB019C	MAZ	Monitoring Well	CAGW OU	Mid Plume
CSB020BR	LAZ	Monitoring Well	CAGW OU	Distal Plume
CSB020CR	MAZ	Monitoring Well	CAGW OU	Distal Plume
CSB020D	UAZ	Monitoring Well	CAGW OU	Distal Plume
CSB021D	UAZ	Monitoring Well	CAGW OU	Mid Plume
CSL001	LAZ	Seepline Station	CAGW OU	Distal Plume
CSL002	MAZ	Seepline Station	CAGW OU	Distal Plume
CTA003D	UAZ	Monitoring Well	CAGW OU	Source Area
CTA004D	UAZ	Monitoring Well	CAGW OU	Source Area
FM-TL	NA	Surface Water	CAGW OU	Fourmile Branch
FMT 01	NA	Surface Water/Seepline	CAGW OU	Fourmile Branch
FMT 02	NA	Surface Water/Seepline	CAGW OU	Fourmile Branch
TL 01	NA	Surface Water	CAGW OU	Twin Lakes
TL 03	NA	Surface Water	CAGW OU	Twin Lakes
RGW-16-CR	LAZ	Monitoring Well	CAGW OU	Mid Plume
RGW 16D	LAZ	Monitoring Well	CAGW OU	Mid Plume

Table 1 Notes:

GA = Gordon Aquifer LAZ = Lower Aquifer Zone MAZ = Middle Aquifer Zone ML = multi-level
N/A = Not Applicable UAZ = Upper Aquifer Zone

Table 2. MCLs for Groundwater Constituents

Constituent	MDL/MDC	MCL	Units
1,2-dicholroethylene (1,2-DCE)	0.667	70	µg/L
cis-1,2-dichloroethylene (cis-1,2-DCE)	0.333	70	µg/L
Tetrachloroethylene (PCE)	0.333	5	µg/L
trans-1,2-dichloroethylene (trans-1,2-DCE)	0.333	100	µg/L
Trichloroethylene (TCE)	0.333	5	µg/L
Tritium	0.432*	20	pCi/mL
Vinyl Chloride (VC)	0.333	2	µg/L
Table 2 Notes:			
MCL =Maximum Concentration Level MDC = Minimum Detectable Concentration	MDL = Method Detection Limit pCi/mL = picocuries per milliliter	µg/L = micrograms per liter *MDC for highest reported concentration	

Table 3. CAGW OU 4Q24 Maximum Concentrations

Station ID	Station Type	Constituent	4Q24 Maximum Concentration	Historic Maximum Concentration*
CRW026C	MW	1,2-dicholroethylene (1,2-DCE)	12.5 µg/L	12.5 µg/L (4Q24)
CRW026C	MW	cis-1,2-dichloroethylene (cis-1,2-DCE)	12.5 µg/L	12.5 µg/L (4Q24)
CRP 5C	MW	Tetrachloroethylene (PCE)	7.10 µg/L	14.20 µg/L (2Q17)
CRW026C**	MW	trans-1,2-dichloroethylene (trans-1,2-DCE)	> 0.333 µg/L (MDL)	> 0.333 µg/L (MDL)
CRW023C	MW	Trichloroethylene (TCE)	75.3 µg/L	75.3 µg/L (4Q24)
CRW024C	MW	Tritium	825 pCi/mL	2,780 pCi/mL(2Q18)
CRW026C**	MW	Vinyl Chloride (VC)	> 0.333 µg/L (MDL)	> 0.333 µg/L (MDL)
Table 3 Notes:				
MDL = Method detection Limit MW = Monitoring Well SW = Surface Water		pCi/mL = picocuries per milliliter µg/L = micrograms per liter *Historic maximum concentration at station	**Station decided by highest 1,2-DCE	

Table 4. Summary Table of Detected PFAS (4Q24)

Station I.D.	MEFOSA (ppt)	PFBA (ppt)	PFBS (ppt)	PFHpA (ppt)	PFHxA (ppt)	PFHxS (ppt)	PFNA (ppt)	PFOA (ppt)	PFOS (ppt)	PFPeA (ppt)	PFPES (ppt)	H.I. (unitless)
CC 01	ND	3	1.2	0.57 J	0.83 J	3.3	0.36 J	2	3	ND	1.3	0.4
CC 02	ND	2.3	1.2	0.54 J	0.76 J	3.5	0.77 J	1.8	2.3	ND	1.3	0.4
CC 05	ND	2.8	1.2	0.46 J	ND	4.4	0.87 J	2	2.8	0.42 J	1.1	0.5
CC 06	ND	3	1.2	0.44 J	ND	3.9	0.72 J	1.7	3	0.33 J	0.95	0.5
CC 06 (FD)	ND	3	1.2	0.47 J	0.91 J	4.1	0.89 J	2	3	0.4 J	1.1	0.5
CC 07	ND	3.1	1.1	0.39 J	ND	3.6	0.69 J	2.1	3.1	0.33 J	1.1	0.4
CC 08	ND	3.2	1.5	0.43 J	ND	3.9	0.69 J	2	3.2	0.43 J	1.1	0.5
CRW 7A	ND	0.98	ND	ND	ND	0.35 J	ND	1.3	0.98	0.84 J	ND	0.0
CRW 7D	ND	0.82 J	0.56 J	2.7	3.6	1.9	ND	8.2	0.82 J	3.3	0.64 J	0.2
CRW 11A	0.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0

Table 4 Notes:

PFAS = Per and polyfluoroalkyl substances ND = non-detect ppt = parts per trillion [red shading] = above maximum contaminant level (4.0 ppt)

H.I. = Hazard Index (HFPO-DA ppt/10 ppt) +(PFBS ppt/2,000 ppt) +PFNA ppt/10 ppt) +PFHxS ppt/10 ppt) J = above method detection limit, below estimated quantitation limit

PFAS constituent nomenclature:

MEFOSA = N-Methylperfluoro-1-octanesulfonamide
PFBA = Perfluoro-N-butanoic acid
PFBS = Perfluorobutanesulfonic acid
PFHpA = Perfluoroheptanic acid
PFHxA = Perfluorohexoninc acid
PFHxS = Perfluorohexanesulfonic acid
PFNA = Perfluorononanoic acid
PFOA = Perfluorooctanoic acid
PFOS = Perfluorooctanesulfonic acid
PFPeA = Perfluoro-N-pentanoic acid
PFPES = Perfluoro-1-pentanesulfonic acid
HFPO-DA= Hexafluoropropylene oxide dimer acid (GenX)

APPENDIX A

CAGW OU Analytical Data 2024-2025

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Appendix A Table A-1

			Field Data											Radionuclides	VOC					
			SAMPLE COLLECTION DATE	DEPTH TO WATER	OXIDATION/REDUCTION POTENTIAL	OXYGEN	PH	SPECIFIC CONDUCTANCE	TOTAL ALKALINITY (AS CACO3)	TURBIDITY	WATER TEMPERATURE	WATER ELEVATION	FIELD COMMENTS	TRITIUM	1,2-DICHLOROETHYLENE	CHLOROETHENE (VINYL CHLORIDE)	CIS-1,2-DICHLOROETHYLENE	TETRACHLOROETHYLENE (PCE)	TRANS-1,2-DICHLOROETHYLENE	TRICHLOROETHYLENE (TCE)
			Units											Units						
			day-month-year	ft	mV	mg/L	pH	uS/cm	mg/L	NTU	degC	ft amsl		pCi/mL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
														Maximum Contaminant Level (MCL)						
Station ID	**Station Type**	**Screen Zone Aquifer**												20	70	2	70	5	100	5
CDB 1	Monitoring Well	UAZ_UTRAU	19-Nov-2024	78.4	NS	NS	5.3	59	4	0.3	20.6	210.6	NC	[1.13]	<EQL (2)	<EQL (1)	<EQL (1)	[0.97]	<EQL (1)	<EQL (1)
CDB 2	Monitoring Well	UAZ_UTRAU	19-Nov-2024	77.66	NS	NS	5.1	31	1	0.7	20.4	211.14	NC	3.19	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CDB003D	Monitoring Well	UAZ_UTRAU	19-Nov-2024	79.91	NS	NS	4.9	46	0	0.2	20.9	208.86	NC	3.69	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	7.85
CRP 5C	Monitoring Well	LAZ_UTRAU	19-Nov-2024	82.92	NS	NS	6.5	134	16	2.5	19.4	194.38	NC	8.33	<EQL (2)	<EQL (1)	<EQL (1)	7.1	<EQL (1)	<EQL (1)
CRP 5D	Monitoring Well	TZ_UAZ_UTRAU	19-Nov-2024	71.01	NS	NS	5.9	17	5	4.3	18.9	205.89	NC	<EQL (1.48)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRP 6DR	Monitoring Well	TZ_UAZ_UTRAU	20-Nov-2024	59.42	0	0	5.1	26.2	10	1.8	19.6	204.48	NC	[0.908]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRP 8D	Monitoring Well	TZ_UAZ_UTRAU	03-Dec-2024	46.24	NS	NS	4.8	21	0	1.5	18.5	202.46	NC	NS	NS	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 1A	ML Monitoring Well	GAU	05-Dec-2024	126	NS	NS	6.7	171	70	5.5	16.1	167.89	NC	<EQL (1.47)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 1D	ML Monitoring Well	UAZ_UTRAU	19-Nov-2024	75.87	0	0	5.3	21.8	11	2.4	19.2	218.02	NC	<EQL (1.5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 4A	ML Monitoring Well	GAU	19-Nov-2024	130.71	0	0	6.9	140.7	52	3.2	20	163.24	NC	<EQL (1.41)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 4C	ML Monitoring Well	MAZ_UTRAU	19-Nov-2024	96.94	0	0	6.7	125.6	24	29.1	19.9	197.01	T	<EQL (1.45)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 4D	ML Monitoring Well	UAZ_UTRAU	19-Nov-2024	86.84	0	0	5.7	33.1	14	4.6	20.5	207.11	NC	1.78	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 5A	ML Monitoring Well	GAU	20-Nov-2024	123.22	0	0	7.4	150.6	21	8.1	20.9	162.71	NC	<EQL (1.42)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 5D	ML Monitoring Well	UAZ_UTRAU	20-Nov-2024	78.71	0	0	4.8	54.4	0	0.7	20.3	207.22	NC	[0.845]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	2.89
CRW 7A	ML Monitoring Well	GAU	20-Nov-2024	110.42	0	0	6.6	128	19	9.4	20.7	163.56	NC	<EQL (1.38)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 7D	ML Monitoring Well	UAZ_UTRAU	20-Nov-2024	74.12	0	0	5	54.2	13	1.3	19.8	199.86	NC	[0.603]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 9A	Monitoring Well	GAU	21-Nov-2024	122.43	NS	NS	6.2	145	65	1.4	18.8	155.58	NC	[0.51]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 10A	ML Monitoring Well	GAU	21-Nov-2024	91.15	NS	NS	7.1	114	33	28.9	17.7	157.84	T	<EQL (0.916)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 10C	ML Monitoring Well	LAZ_UTRAU	21-Nov-2024	61.05	NS	NS	5.9	22	3	2.3	17.9	187.94	NC	10.9	<EQL (2)	<EQL (1)	<EQL (1)	1.28	<EQL (1)	4.99
CRW010CU	Monitoring Well	MAZ_UTRAU	21-Nov-2024	62.6	NS	NS	6.6	44	6	2.2	14.2	186.23	NC	4.79	<EQL (2)	<EQL (1)	<EQL (1)	[0.91]	<EQL (1)	9.86
CRW 11A	Monitoring Well	GAU	25-Nov-2024	61.88	0	0	6.8	126.6	10	1.9	19.6	160.93	NC	<EQL (1.28)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 11D	Monitoring Well	UAZ_UTRAU	25-Nov-2024	35.64	0	0	5.4	24.1	7	0.9	17.9	187.17	NC	[0.695]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 13A	Monitoring Well	GAU	21-Nov-2024	44.71	NS	NS	6.6	144	76	1	18.9	156.16	NC	<EQL (0.92)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 14A	Monitoring Well	GAU	21-Nov-2024	17.82	NS	NS	6.8	119	70	0.9	18.5	152.28	NC	<EQL (0.918)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 15A	ML Monitoring Well	GAU	21-Nov-2024	63.77	NS	NS	6.1	112	46	15	16.1	150.41	NC	<EQL (0.924)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)

Appendix A Table A-1

			Field Data											Radionuclides	VOC					
			SAMPLE COLLECTION DATE	DEPTH TO WATER	OXIDATION/REDUCTION POTENTIAL	OXYGEN	PH	SPECIFIC CONDUCTANCE	TOTAL ALKALINITY (AS CACO3)	TURBIDITY	WATER TEMPERATURE	WATER ELEVATION	FIELD COMMENTS	TRITIUM	1,2-DICHLOROETHYLENE	CHLOROETHENE (VINYL CHLORIDE)	CIS-1,2-DICHLOROETHYLENE	TETRACHLOROETHYLENE (PCE)	TRANS-1,2-DICHLOROETHYLENE	TRICHLOROETHYLENE (TCE)
			Units											Units						
			day-month-year	ft	mV	mg/L	pH	uS/cm	mg/L	NTU	degC	ft amsl		pCi/mL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
														Maximum Contaminant Level (MCL)						
Station ID	**Station Type**	**Screen Zone Aquifer**												20	70	2	70	5	100	5
CRW 15C	ML Monitoring Well	LAZ_UTRAU	21-Nov-2024	52.13	NS	NS	6.5	87	29	53.5	16	162.05	T	34.6	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 15D	ML Monitoring Well	MAZ_UTRAU	21-Nov-2024	37.31	NS	NS	5.8	55	5	34.5	16.1	176.87	T	52.7	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW 16D	ML Monitoring Well	LAZ_UTRAU	21-Nov-2024	4.13	NS	NS	6.8	60	20	7.1	15.3	164.46	NC	<EQL (0.972)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW015B	Monitoring Well	LAZ_UTRAU	21-Nov-2024	51.33	NS	NS	6.5	73	29	37.9	16.6	162.8	T	31.4	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW020D	Monitoring Well	UAZ_UTRAU	21-Nov-2024	77.95	NS	NS	4.5	51	0	1.8	20.6	211.44	NC	3.87	<EQL (2)	<EQL (1)	[0.46]	[0.56]	<EQL (1)	66.9
CRW021DR	Monitoring Well	UAZ_UTRAU	21-Nov-2024	77.45	NS	NS	5.7	45	17	70.8	18.1	210.65	T	3.15	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	23.9
CRW022D	Monitoring Well	UAZ_UTRAU	20-Nov-2024	71.6	NS	NS	4.9	93	0	0.9	21.7	214.88	NC	<EQL (0.976)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CRW023C	Monitoring Well	MAZ_UTRAU	20-Nov-2024	25.3	NS	NS	4.4	29	0	2.3	18.9	175.06	NC	268	[1.63]	<EQL (1)	1.63	<EQL (1)	<EQL (1)	75.3
CRW024C	Monitoring Well	MAZ_UTRAU	20-Nov-2024	37.8	NS	NS	4.7	32	0	1	19.2	179.61	NC	825	[1.28]	<EQL (1)	1.28	[0.54]	<EQL (1)	40.8
CRW025C	Monitoring Well	MAZ_UTRAU	26-Nov-2024	12.26	NS	NS	4.9	20	0	13.2	18.4	168.18	NC	50.9	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	1.14
CRW026C	Monitoring Well	MAZ_UTRAU	26-Nov-2024	8.39	NS	NS	5.7	63	9	7	18.4	168.56	NC	401	12.5	<EQL (1)	12.5	<EQL (1)	<EQL (1)	62.1
CRW027C	Monitoring Well	MAZ_UTRAU	26-Nov-2024	5.44	NS	NS	4.9	26	0	1.5	19	171.97	NC	60.3	<EQL (2)	<EQL (1)	[0.54]	<EQL (1)	<EQL (1)	26.2
CRW028C	Monitoring Well	MAZ_UTRAU	26-Nov-2024	5.63	NS	NS	4.6	28	0	2.1	18.8	174.81	NC	14.7	<EQL (2)	<EQL (1)	[0.37]	<EQL (1)	<EQL (1)	41.6
CRW029C	Monitoring Well	MAZ_UTRAU	20-Nov-2024	38.02	NS	NS	5.1	32	3	1.6	19.1	177.65	NC	299	[1.37]	<EQL (1)	1.37	<EQL (1)	<EQL (1)	64.9
CRW030C	Monitoring Well	MAZ_UTRAU	20-Nov-2024	25.4	NS	NS	4.7	27	0	1.2	19.2	173.96	NC	174	[0.77]	<EQL (1)	[0.77]	<EQL (1)	<EQL (1)	34.9
CSB 3C	Monitoring Well	MAZ_UTRAU	21-Nov-2024	81.63	0	0	5	26.6	7	1.9	19.8	201.95	NC	76.3	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	2.57
CSB 9D	Monitoring Well	UAZ_UTRAU	21-Nov-2024	74.06	0	0	5.4	48.6	11	2.8	19.4	205.12	NC	7.51	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CSB 11D	Monitoring Well	UAZ_UTRAU	21-Nov-2024	79.63	0	0	5.4	36.3	9	0.7	18.4	197.78	NC	6.3	<EQL (2)	<EQL (1)	<EQL (1)	[0.57]	<EQL (1)	<EQL (1)
CSB 12D	Monitoring Well	UAZ_UTRAU	26-Nov-2024	13.21	0	0	6.3	123.5	15	1	18.4	155.39	NC	17.1	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CSB 13D	Monitoring Well	LAZ_UTRAU	21-Nov-2024	30.8	NS	NS	7.1	42	10	14.5	17.6	169.43	NC	27.3	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CSB015B	Monitoring Well	LAZ_UTRAU	26-Nov-2024	29.64	0	0	6.4	74.1	9	7.5	19.2	170.22	NC	<EQL (1.66)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CSB 15D	Monitoring Well	MAZ_UTRAU	26-Nov-2024	29.57	0	0	5.5	25.4	7	12.3	18.8	170.16	NC	156	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	21.6
CSB011B	Monitoring Well	LAZ_UTRAU	21-Nov-2024	104.31	0	0	6.5	142	16	49.8	16.1	172.67	T	[0.64]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.91]
CSB011C	Monitoring Well	LAZ_UTRAU	21-Nov-2024	88.89	0	0	6.9	81.6	8	66.3	17.5	188.5	T	2.64	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	2.32
CSB013B	Monitoring Well	LAZ_UTRAU	21-Nov-2024	34.2	NS	NS	10	144	35	23.1	17.7	165.4	T	58.2	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)

Appendix A Table A-1

			Field Data											Radionuclides	VOC					
			SAMPLE COLLECTION DATE	DEPTH TO WATER	OXIDATION/REDUCTION POTENTIAL	OXYGEN	PH	SPECIFIC CONDUCTANCE	TOTAL ALKALINITY (AS CACO3)	TURBIDITY	WATER TEMPERATURE	WATER ELEVATION	FIELD COMMENTS	TRITIUM	1,2-DICHLOROETHYLENE	CHLOROETHENE (VINYL CHLORIDE)	CIS-1,2-DICHLOROETHYLENE	TETRACHLOROETHYLENE (PCE)	TRANS-1,2-DICHLOROETHYLENE	TRICHLOROETHYLENE (TCE)
			Units											Units						
			day-month-year	ft	mV	mg/L	pH	uS/cm	mg/L	NTU	degC	ft amsl		pCi/mL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
														Maximum Contaminant Level (MCL)						
Station ID	**Station Type**	**Screen Zone Aquifer**												**20**	**70**	**2**	**70**	**5**	**100**	**5**
CSB017B	Monitoring Well	LAZ_UTRAU	26-Nov-2024	91.67	0	0	7.8	21.6	13	2.1	21	196.73	NC	451	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	6.11
CSB017D	Monitoring Well	UAZ_UTRAU	26-Nov-2024	81.73	0	0	5.5	47.2	8	4.2	20.5	206.99	NC	37.3	<EQL (2)	<EQL (1)	<EQL (1)	[0.59]	<EQL (1)	6.42
CSB019B	Monitoring Well	LAZ_UTRAU	26-Nov-2024	78.81	NS	NS	5.1	48	0	35.7	15.2	175.56	T	269	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.82]
CSB019C	Monitoring Well	MAZ_UTRAU	26-Nov-2024	70.12	NS	NS	4.8	22	0	5.4	17.5	184.82	NC	3.93	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CSB020B	Monitoring Well	LAZ_UTRAU	26-Nov-2024	0	NS	NS	NS	NS	NS	NS	NS	NS	P	NS	NS	NS	NS	NS	NS	NS
CSB020C	Monitoring Well	MAZ_UTRAU	26-Nov-2024	0	NS	NS	NS	NS	NS	NS	NS	NS	P	NS	NS	NS	NS	NS	NS	NS
CSB020D	Monitoring Well	UAZ_UTRAU	26-Nov-2024	40.42	NS	NS	4.8	19	0	24.5	17.7	178.82	T	1.8	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CSB021D	Monitoring Well	UAZ_UTRAU	25-Nov-2024	45.99	NS	NS	5.8	69	8	28.5	16.2	187.79	T	143	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.69]
CTA003D	Monitoring Well	UAZ_UTRAU	25-Nov-2024	75.25	NS	NS	6.2	58	11	54.8	17.9	210.91	T	410	<EQL (2)	<EQL (1)	<EQL (1)	[0.69]	<EQL (1)	<EQL (1)
CTA004D	Monitoring Well	UAZ_UTRAU	25-Nov-2024	76.86	NS	NS	4.9	38	0	2	20.6	211.4	NC	[1.11]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
RGW 16C	Monitoring Well	LAZ_UTRAU	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NC	NS	NS	NS	NS	NS	NS	NS
RGW 16D	Monitoring Well	LAZ_UTRAU	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NC	NS	NS	NS	NS	NS	NS	NS
CCSL-08	Seepline	MAZ_UTRAU	03-Dec-2024	0.1	107	5.8	4.9	26	0	33.5	13.6	157.3	X	40.6	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	4.01
CCSL-11	Seepline	MAZ_UTRAU	03-Dec-2024	1.23	233	9.34	4.7	33	0	238	6.4	157.37	X	25.4	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CCSL-14	Seepline	MAZ_UTRAU	03-Dec-2024	0.96	236	7.01	5.4	20	2	58.2	7.3	156.84	T	63.5	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	2.23
CCSL-21R	Seepline	MAZ_UTRAU	03-Dec-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	D	NS	NS	NS	NS	NS	NS	NS
CCSL-22R	Seepline	MAZ_UTRAU	03-Dec-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	D	NS	NS	NS	NS	NS	NS	NS
CCSL-23R	Seepline	MAZ_UTRAU	03-Dec-2024	3.68	95	5.6	4.8	28	0	13.2	14.9	154.63	NC	99.2	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	3.96
CSL001	Seepline	LAZ_UTRAU	25-Nov-2024	0.1	NS	NS	7	174	67	2.5	16.1	159.82	NC	<EQL (1.28)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CSL002	Seepline	MAZ_UTRAU	25-Nov-2024	4.87	NS	NS	4.9	21	0	14.8	17.8	147.2	NC	10.3	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CC 01	Surface Water	NA	25-Nov-2024	NS	NS	NS	5.8	23	9	1.8	10.8	NS	NC	13.8	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CC 02	Surface Water	NA	25-Nov-2024	NS	NS	NS	5.9	23	9	2.7	11	NS	NC	13.7	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CC 03	Surface Water	NA	25-Nov-2024	NS	NS	NS	7.8	63	15	5.5	11.5	NS	NC	20.1	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CC 04	Surface Water	NA	25-Nov-2024	NS	NS	NS	6.2	24	11	2.6	11.1	NS	NC	14.7	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
CC 05	Surface Water	NA	25-Nov-2024	NS	NS	NS	6.4	23	9	1.3	16.1	NS	NC	1.51	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.58]

Appendix A Table A-1

			Field Data										Radionuclides	VOC					
			SAMPLE COLLECTION DATE	DEPTH TO WATER	OXIDATION/REDUCTION POTENTIAL	OXYGEN	PH	SPECIFIC CONDUCTANCE	TOTAL ALKALINITY (AS CACO3)	TURBIDITY	WATER TEMPERATURE	WATER ELEVATION	FIELD COMMENTS	TRITIUM	1,2-DICHLOROETHYLENE	CHLOROETHENE (VINYL CHLORIDE)	CIS-1,2-DICHLOROETHYLENE	TETRACHLOROETHYLENE (PCE)	TRANS-1,2-DICHLOROETHYLENE	TRICHLOROETHYLENE (TCE)
			Units											Units						
			day-month-year	ft	mV	mg/L	pH	uS/cm	mg/L	NTU	degC	ft amsl		pCi/mL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
														Maximum Contaminant Level (MCL)						
Station ID	**Station Type**	**Screen Zone Aquifer**												20	70	2	70	5	100	5
CC 06	Surface Water	NA	25-Nov-2024	NS	NS	NS	6.7	22	9	1.2	15.7	NS	NC	<EQL (1.74)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.64]
CC 07	Surface Water	NA	25-Nov-2024	NS	NS	NS	6.9	23	11	1.7	15.7	NS	NC	<EQL (1.73)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.54]
CC 08	Surface Water	NA	26-Nov-2024	NS	154	356	5.6	22	3	0.4	15	NS	NC	9.83	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.9]
CCT 01	Surface Water	NA	25-Nov-2024	NS	NS	NS	6.8	23	9	4.6	16.3	NS	NC	129	[0.72]	<EQL (1)	[0.72]	<EQL (1)	<EQL (1)	8.51
CCT 02	Surface Water	NA	25-Nov-2024	NS	NS	NS	5.8	20	7	1.4	15.3	NS	NC	7.81	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	4.28
CCT 03	Surface Water	NA	25-Nov-2024	NS	NS	NS	5.7	21	9	6.5	15.3	NS	NC	2.04	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	3.47
FMT 01	Surface Water	NA	25-Nov-2024	NS	NS	NS	5.3	31	3	5.1	9.2	NS	NC	9.78	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
FMT 02	Surface Water	NA	25-Nov-2024	NS	NS	NS	5.6	18	2	7	8.1	NS	NC	10.3	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
FM-TL	Surface Water	NA	25-Nov-2024	NS	NS	NS	6	67	11	4.8	9.8	NS	NC	22.2	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
TL 01	Surface Water	NA	26-Nov-2024	NS	86	1.9	5.5	29	5	15.8	12.5	NS	NC	[0.982]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
TL 03	Surface Water	NA	26-Nov-2024	NS	243	3.88	5.9	55	11	4.1	13.2	NS	NC	20.3	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)

Explanation

[##]	EPA Functional Guideline Code of 'J' was applied to the result, indicating an estimated quantity.	ft amsl	Feet above mean sea level	NTU	Nephelometric Turbidity Units
<EQL(##)	Result was below detection and the Estimated Quantitation Limit (EQL). The sample specific EQL is in parentheses.	mV	millivolts		
		mg/L	milligrams per liter		
	Result exceeds MCL.	uS/cm	microsiemens per centimeter		
	Result is less than the MCL and without EPA Functional Guidline qualifiers.	degC	degrees celcius		
NA	Not Applicable.	pCi/mL	picocuries per milliliter		
NC	No Comments.	ug/L	micrograms per liter		
NS	Not Sampled.	D	Dry Station		
NC	No Comments.	T	High turbidity		
ft	Feet	X	Station went dry during purge, sample collected after recovery.		

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APPENDIX B

CAGW OU Hydrographs

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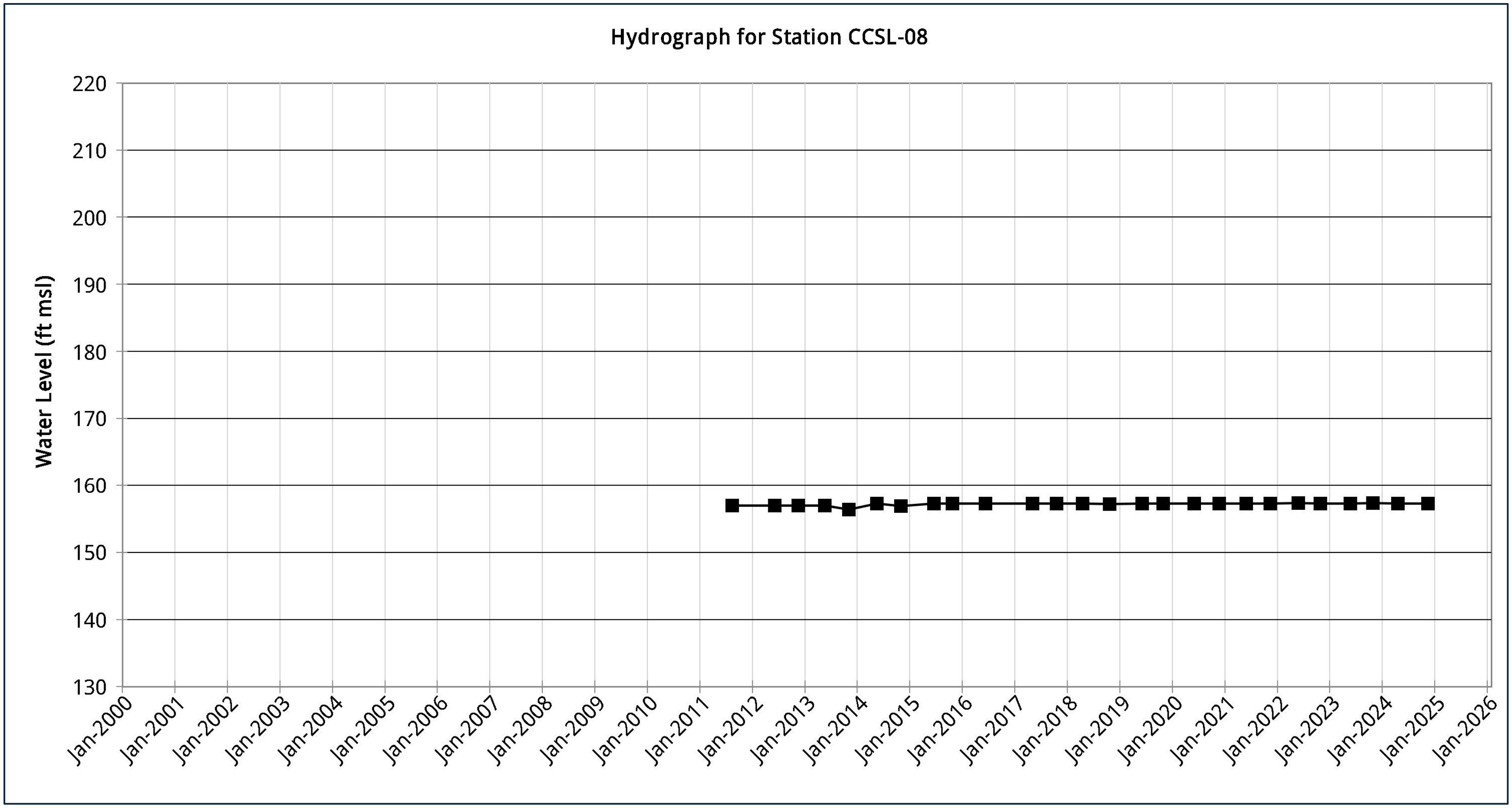
Hydrograph for Station CCSL-08
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026

Figure B-1.

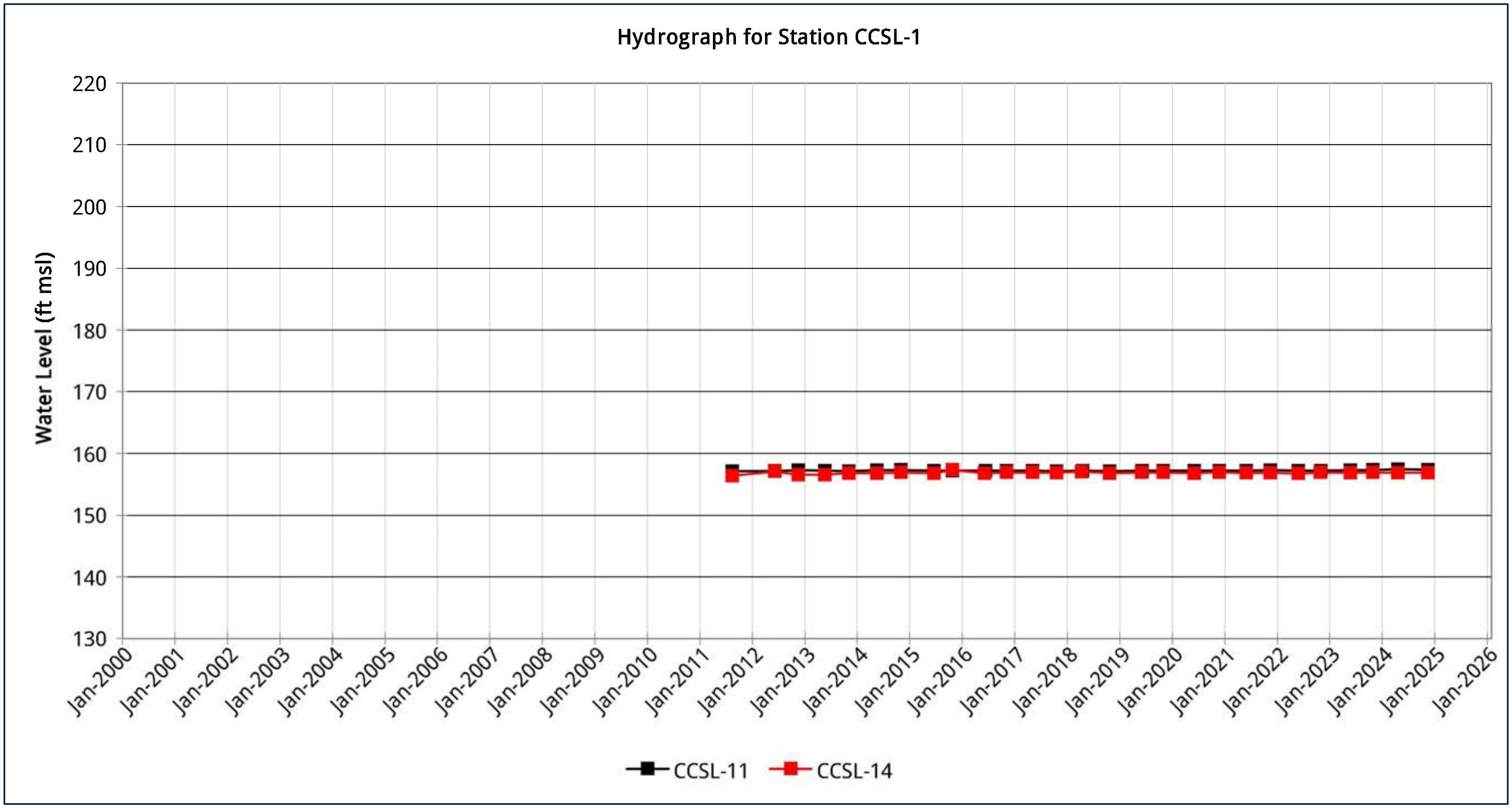
Hydrograph for Station CCSL-1
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCSL-11
CCSL-14

Figure B-2.

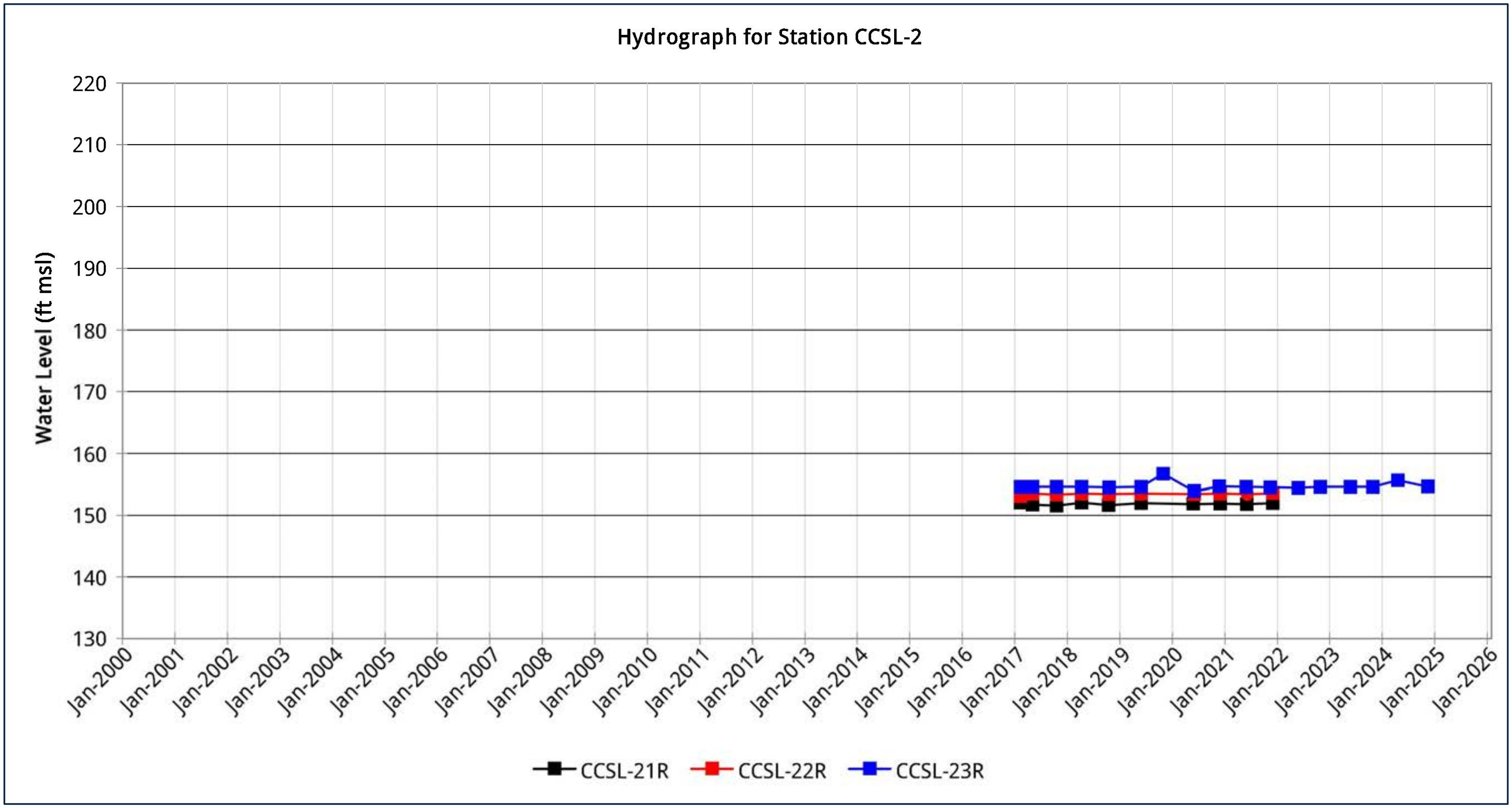
Hydrograph for Station CCSL-2
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCSL-21R
CCSL-22R
CCSL-23R

Figure B-3.

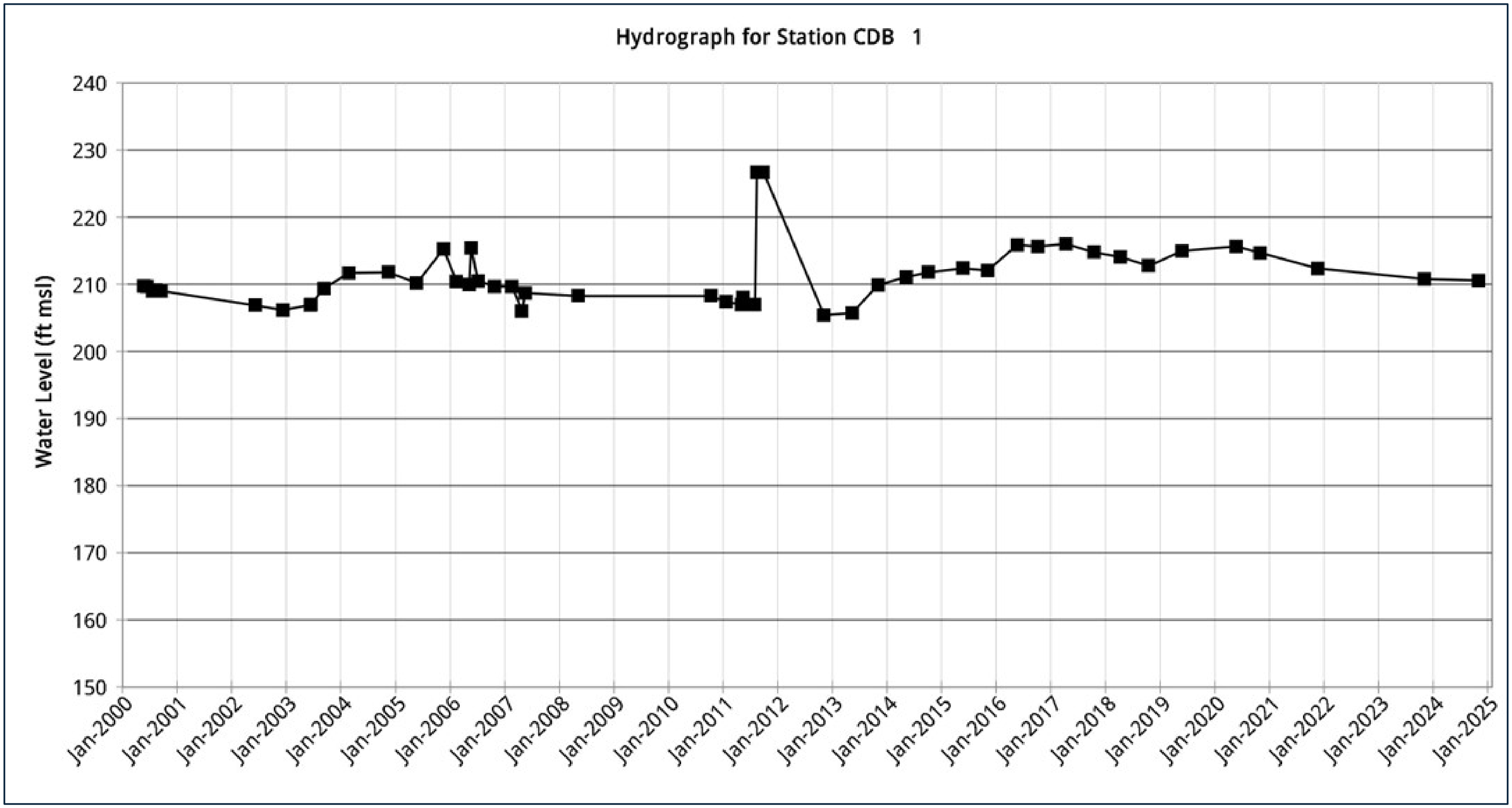
Hydrograph for Station CDB 1
Water Level (ft msl)
240
230
220
210
200
190
180
170
160
150
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025

Figure B-4.

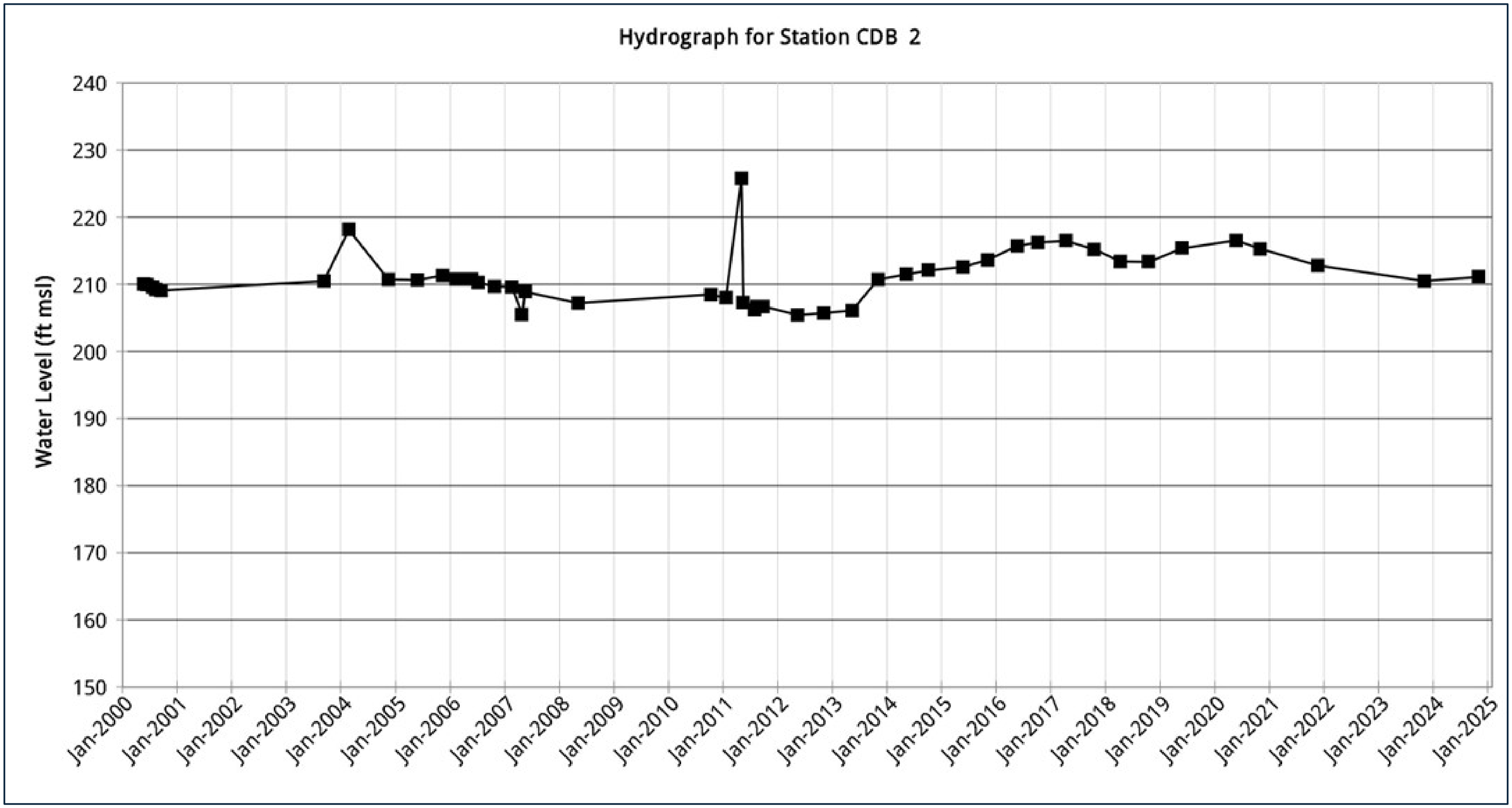
Hydrograph for Station CDB 2
Water Level (ft msl)
240
230
220
210
200
190
180
170
160
150
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025

Figure B-5.

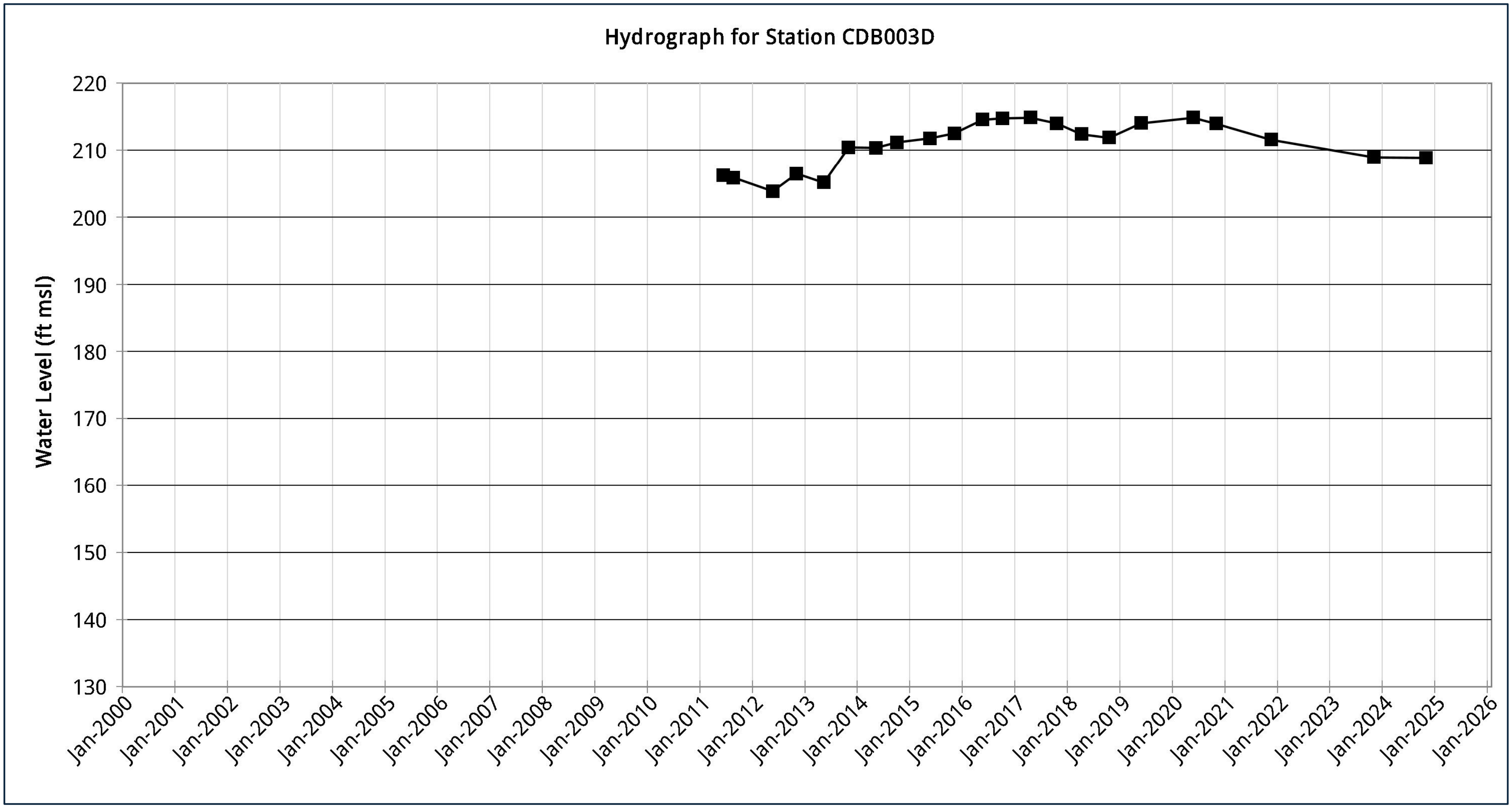
Hydrograph for Station CDB003D
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026

Figure B-6.

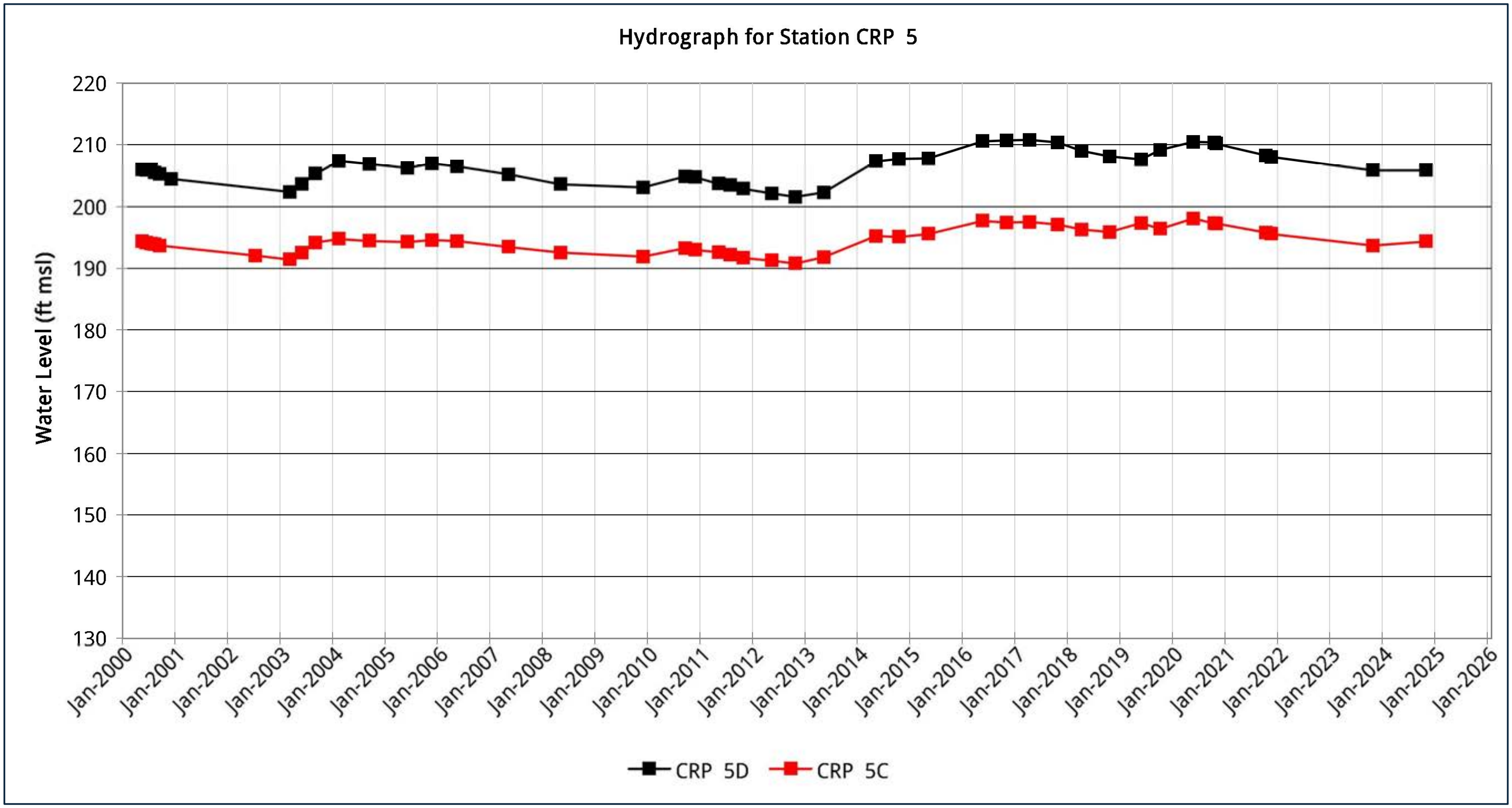
Hydrograph for Station CRP 5
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRP 5D
CRP 5C

Figure B-7.

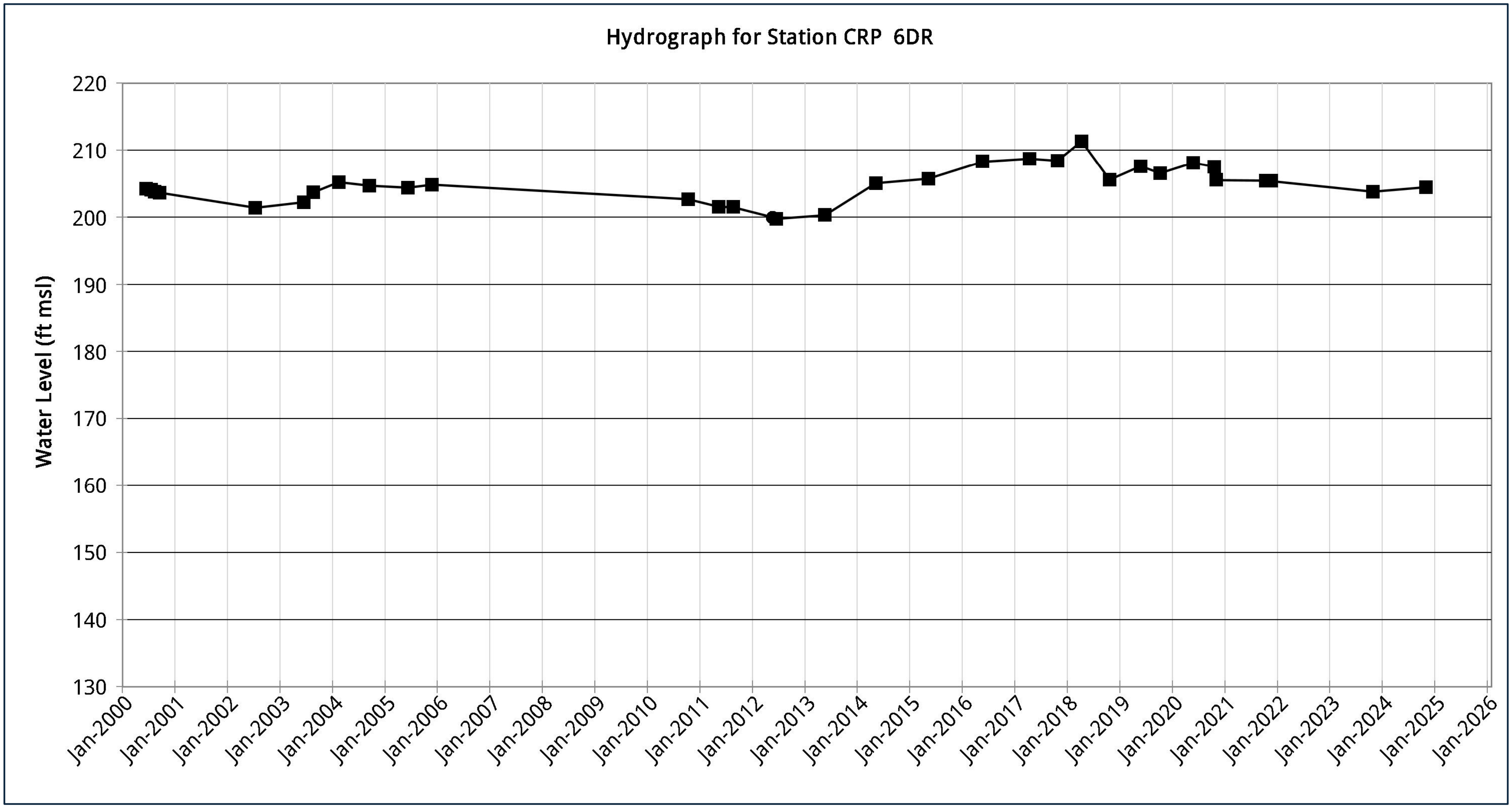
Hydrograph for Station CRP 6DR
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026

Figure B-8.

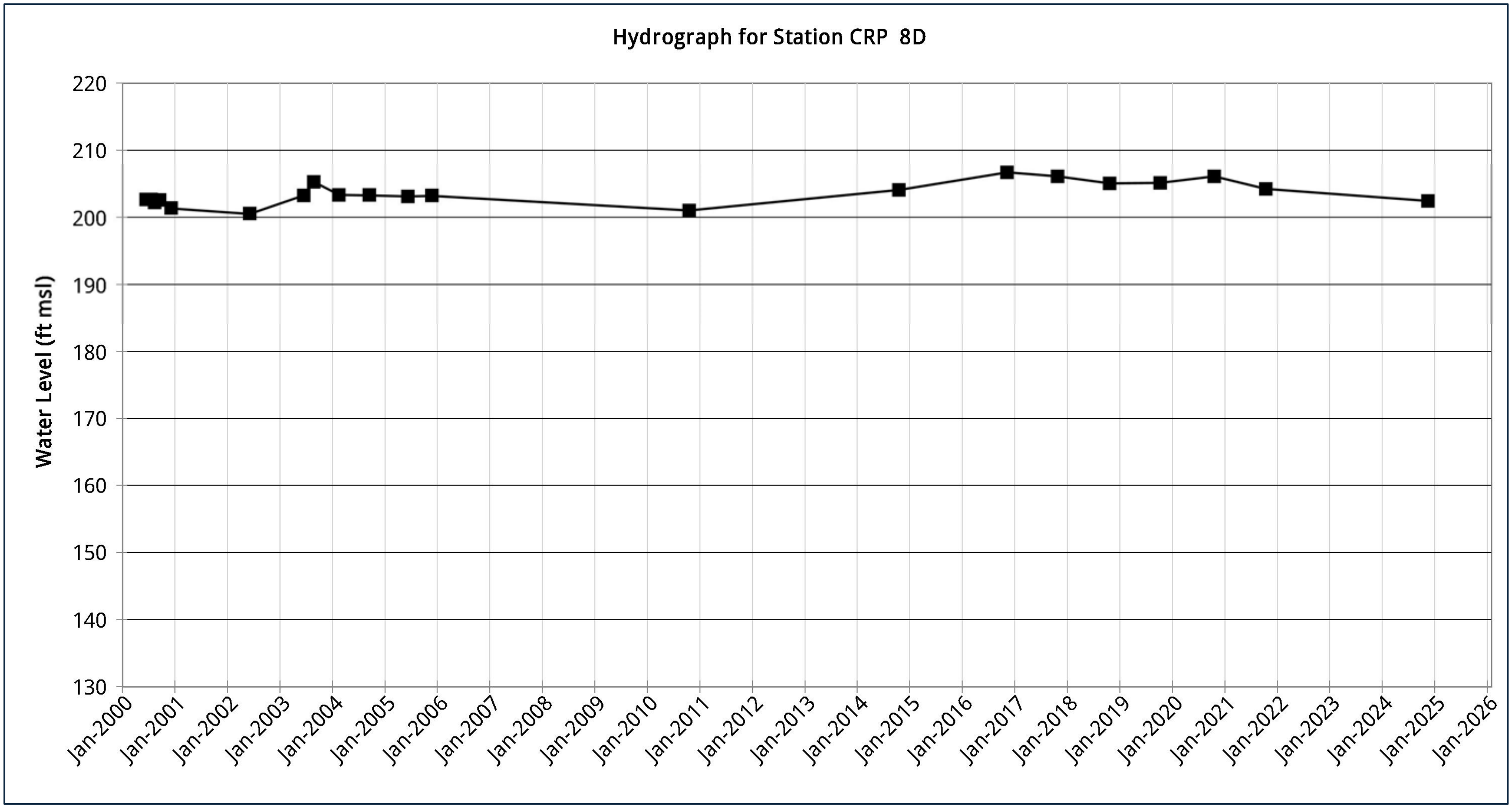
Hydrograph for Station CRP 8D
Water Level (ft msl)
220
210
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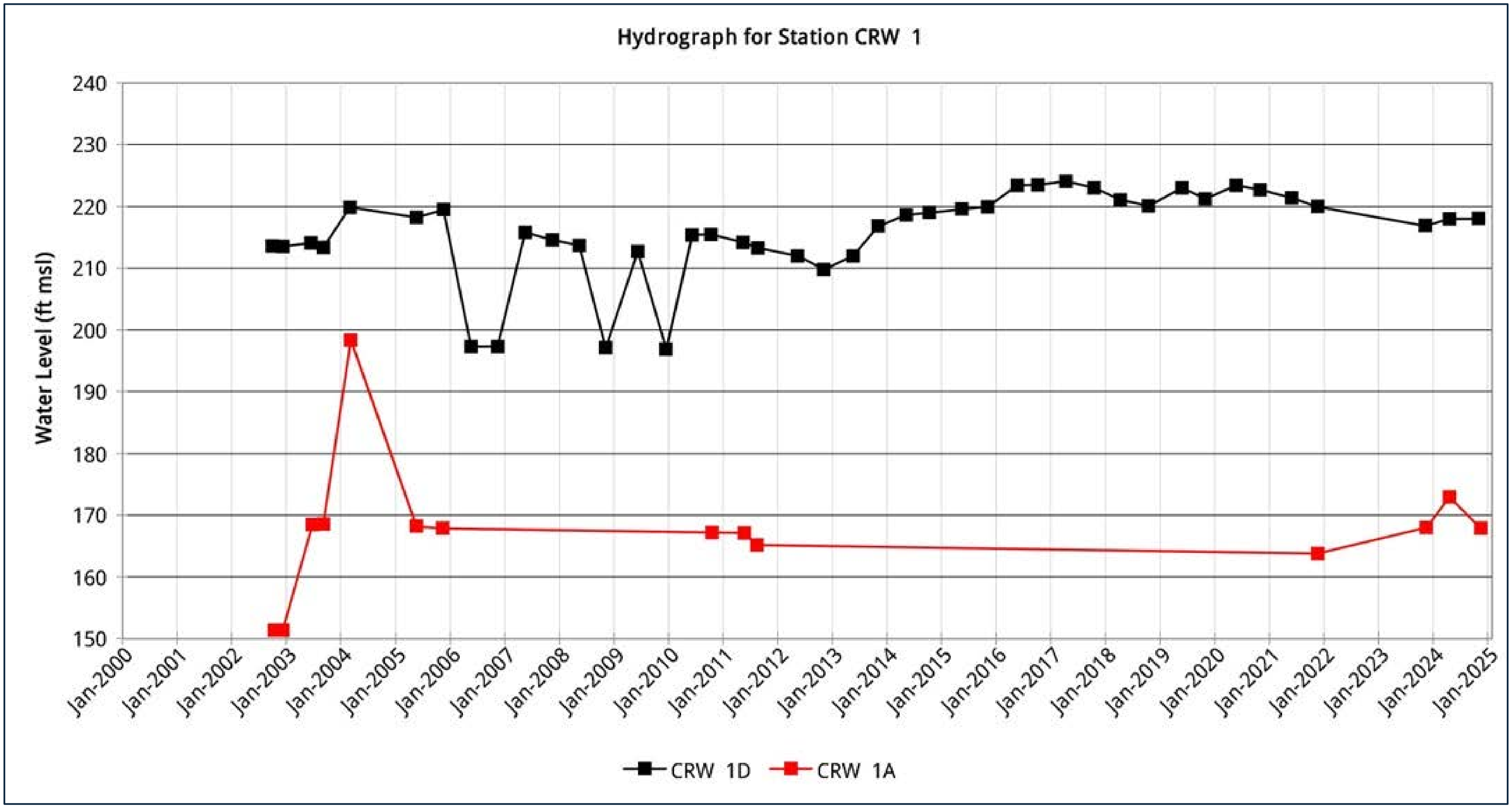
Figure B-9.


Hydrograph for Station CRW 1
Water Level (ft msl)
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230
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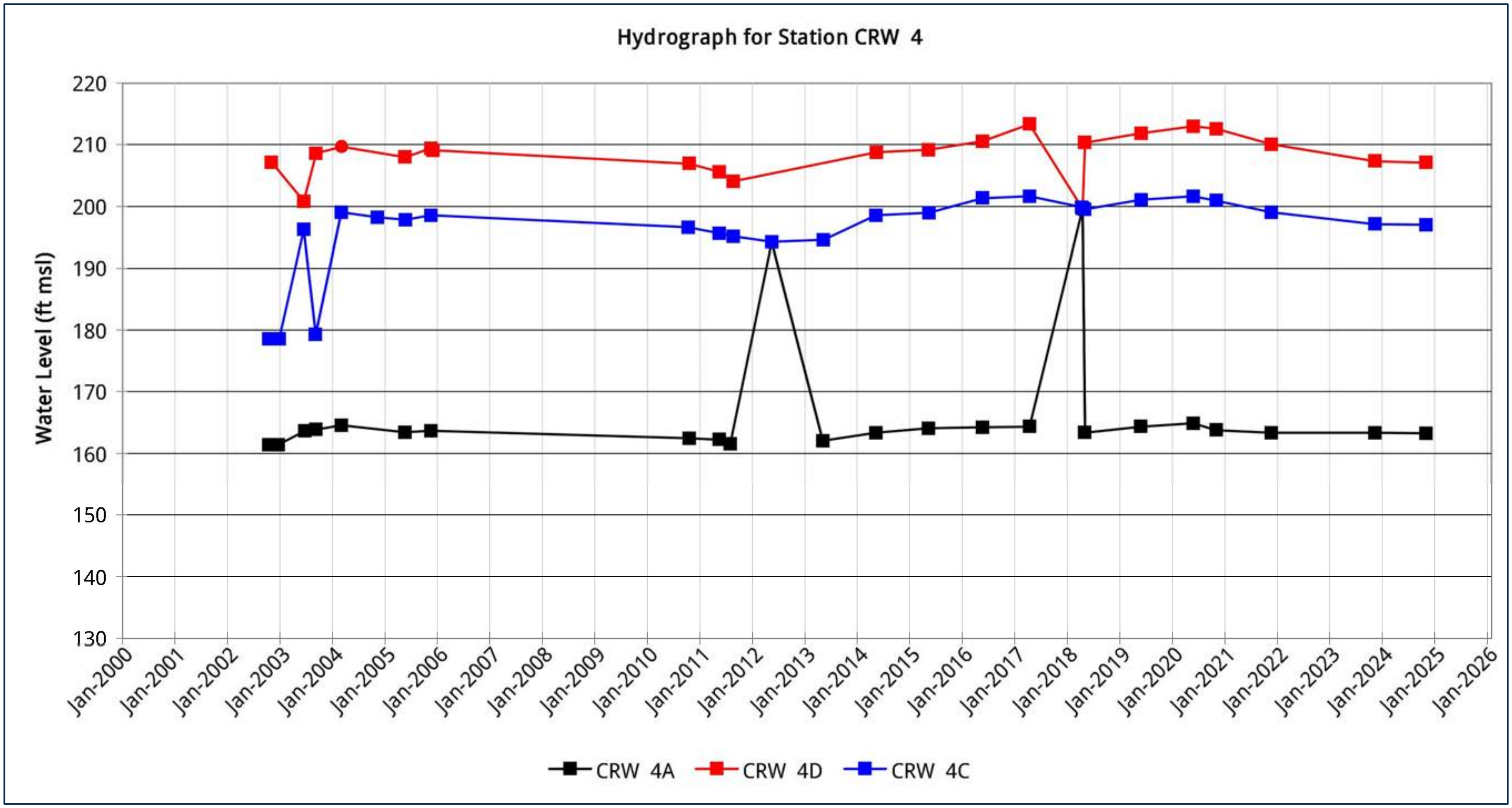
CRW 1D
CRW 1A

Figure B-10.


Hydrograph for Station CRW 4
Water Level (ft msl)
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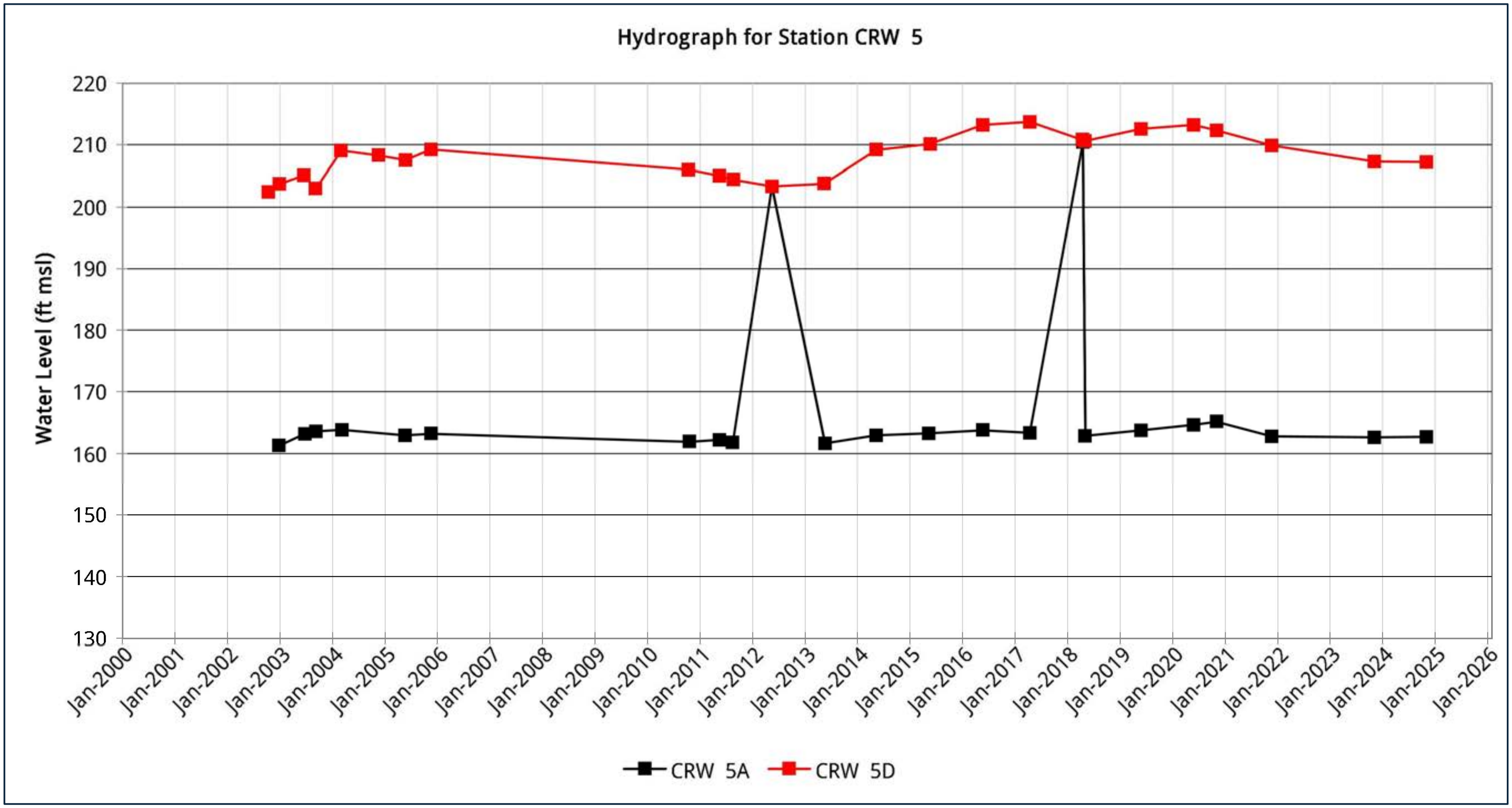
CRW 4A
CRW 4D
CRW 4C

Figure B-11.


Hydrograph for Station CRW 5
Water Level (ft msl)
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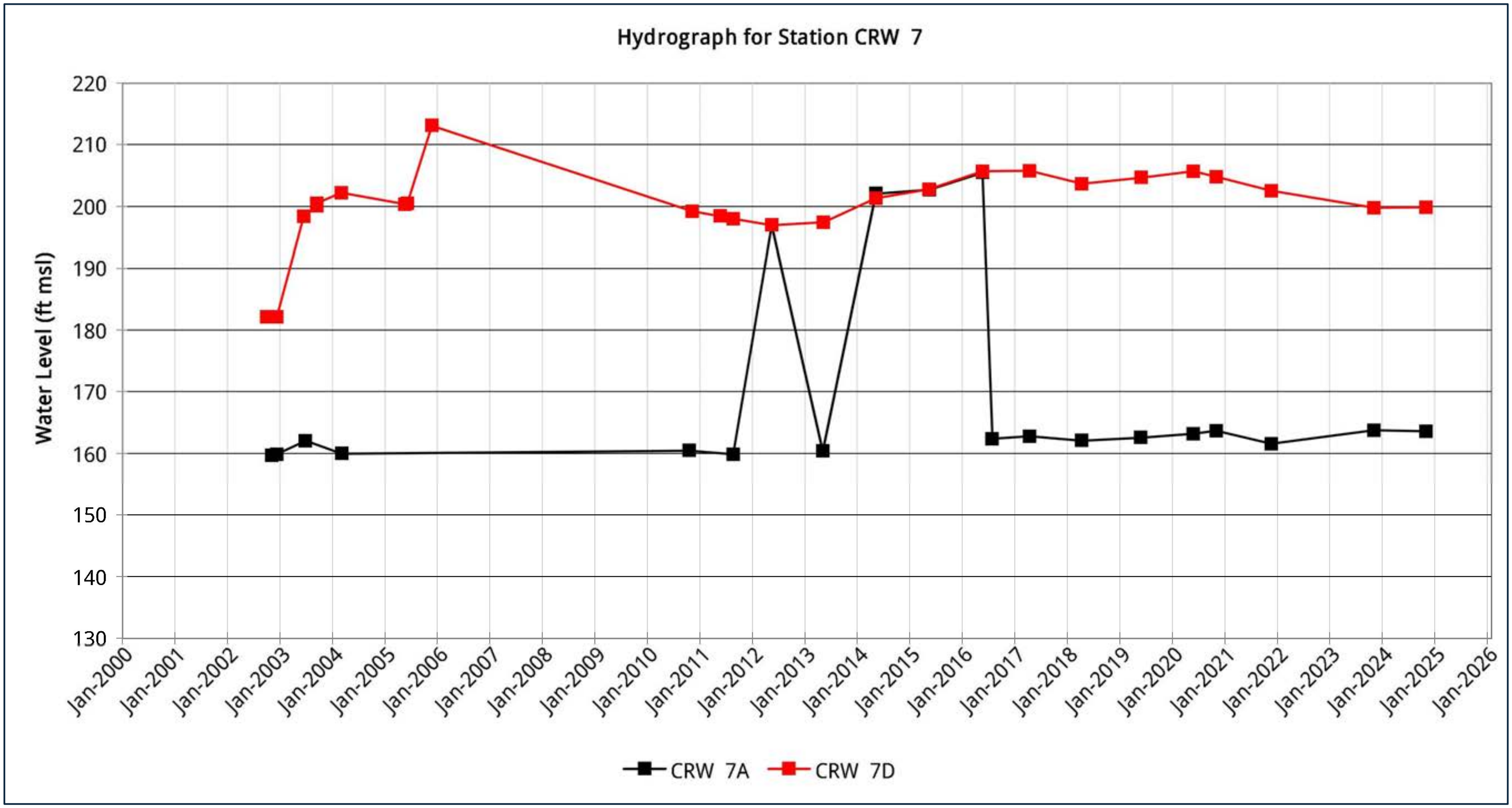
CRW 5A
CRW 5D

Figure B-12.


Hydrograph for Station CRW 7
Water Level (ft msl)
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CRW 7A
CRW 7D

Figure B-13.

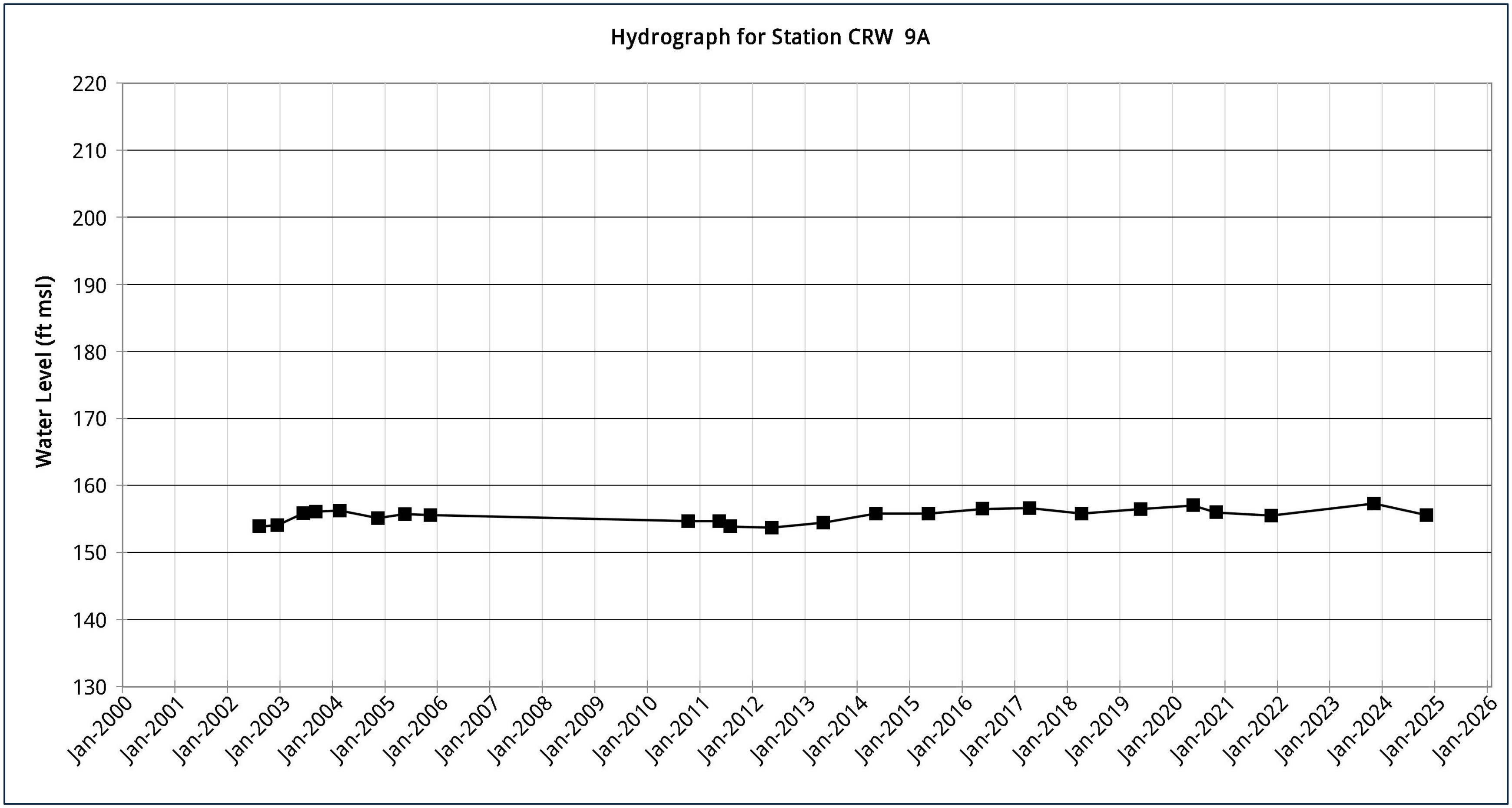
Hydrograph for Station CRW 9A
Water Level (ft msl)
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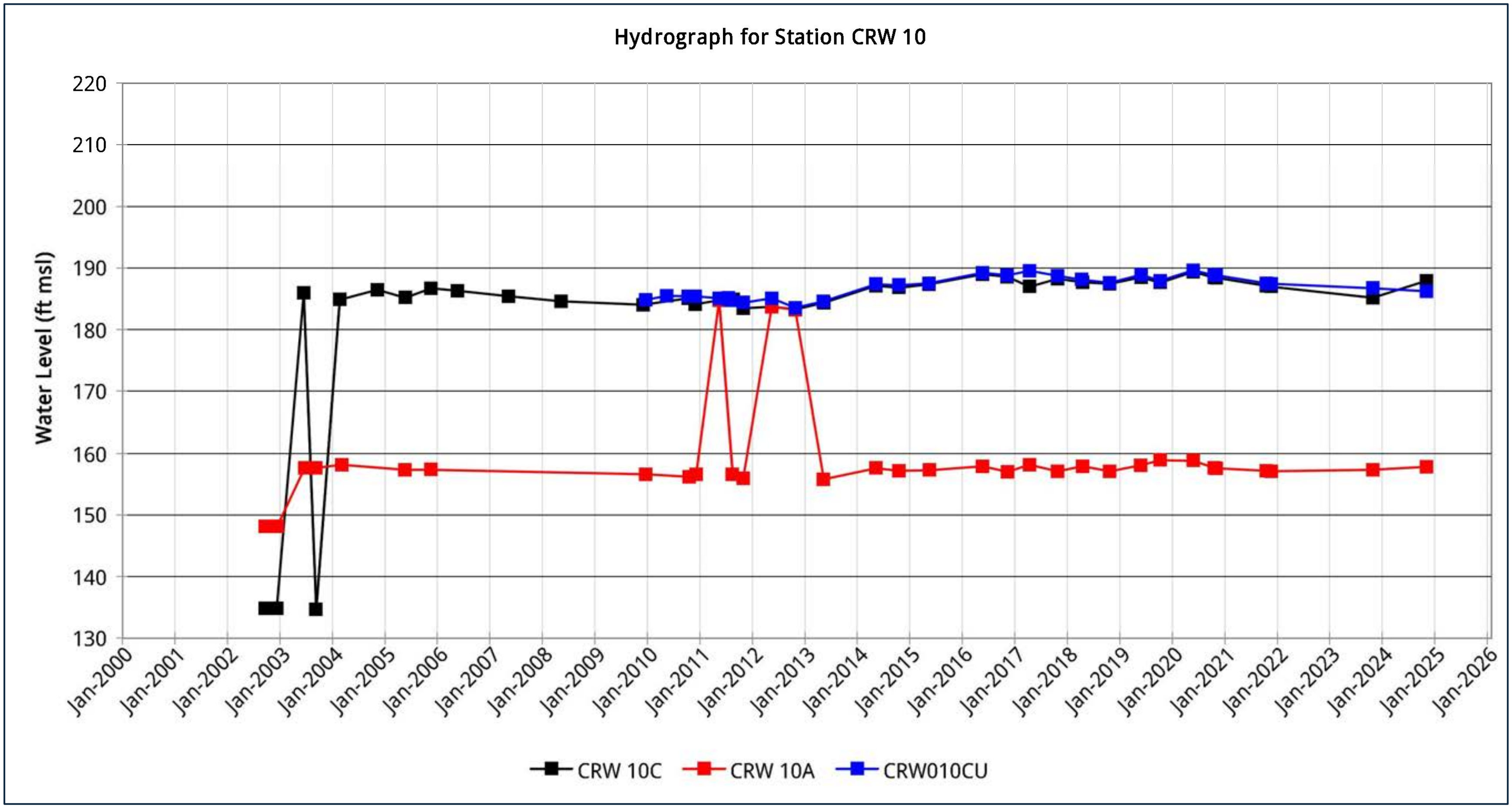
Figure B-14.


Hydrograph for Station CRW 10
Water Level (ft msl)
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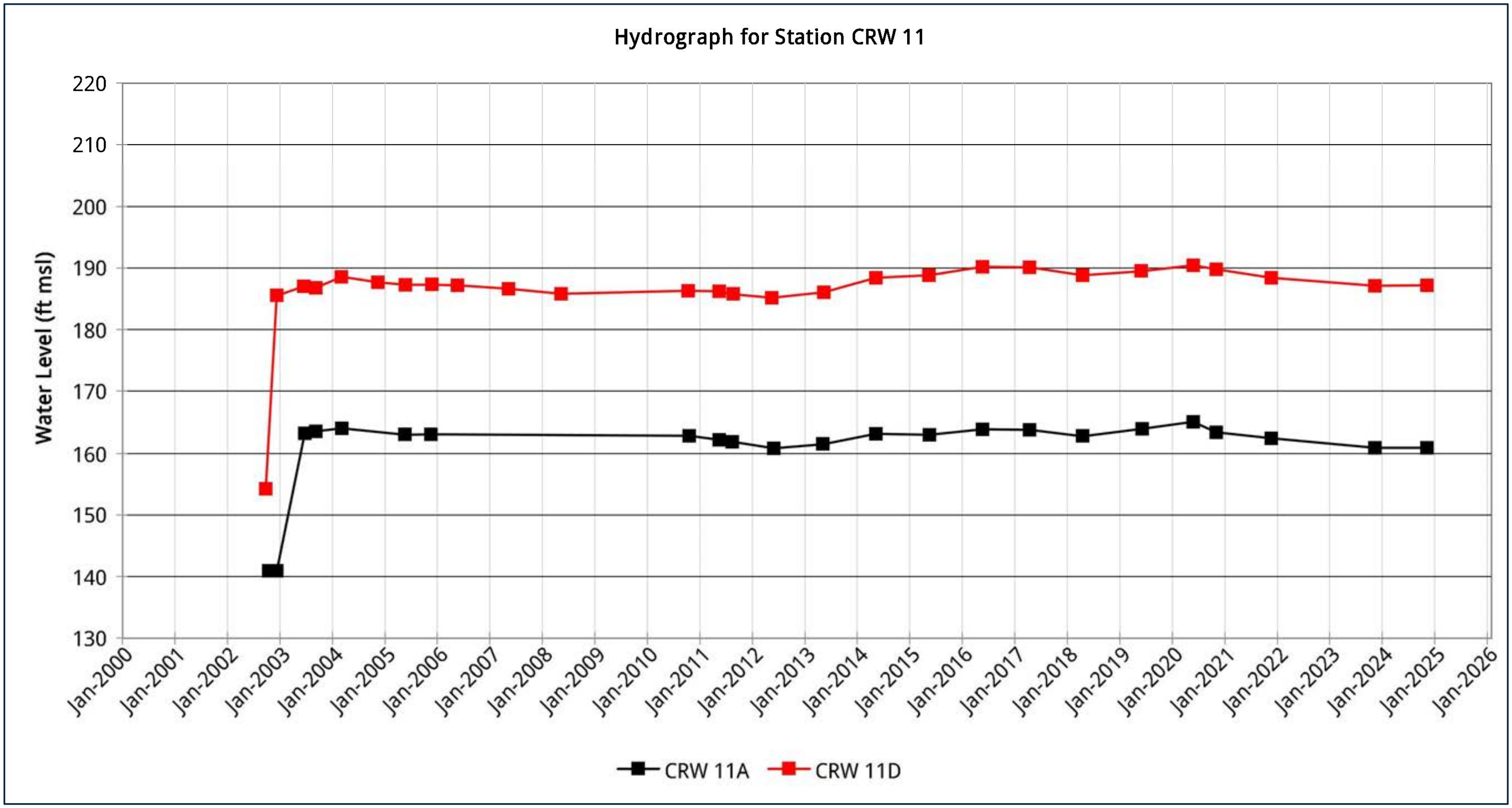
CRW 10C
CRW 10A
CRW010CU

Figure B-15.


Hydrograph for Station CRW 11
Water Level (ft msl)
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CRW 11A
CRW 11D

Figure B-16

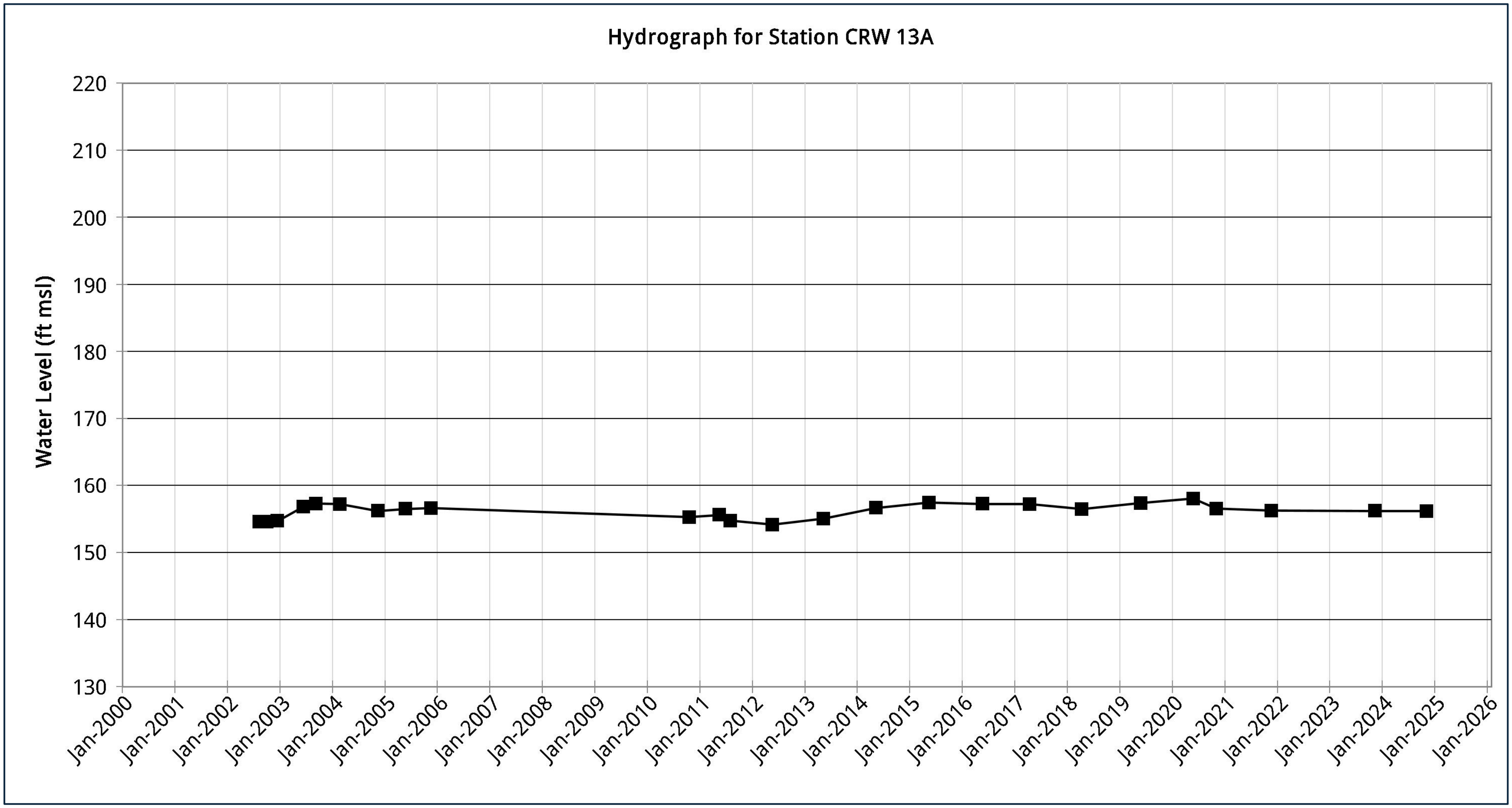
Hydrograph for Station CRW 13A
Water Level (ft msl)
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Figure B-17

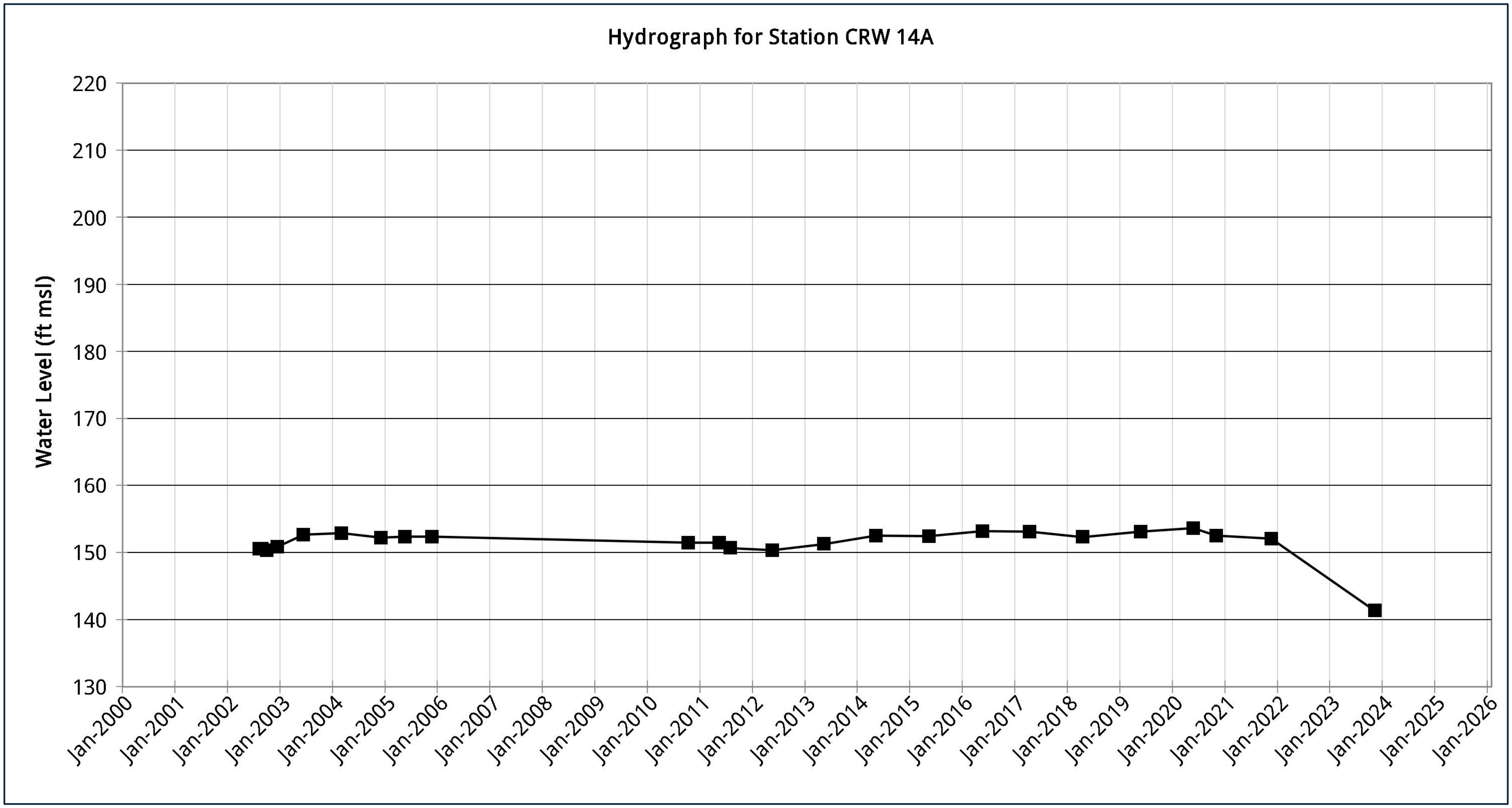
Hydrograph for Station CRW 14A
Water Level (ft msl)
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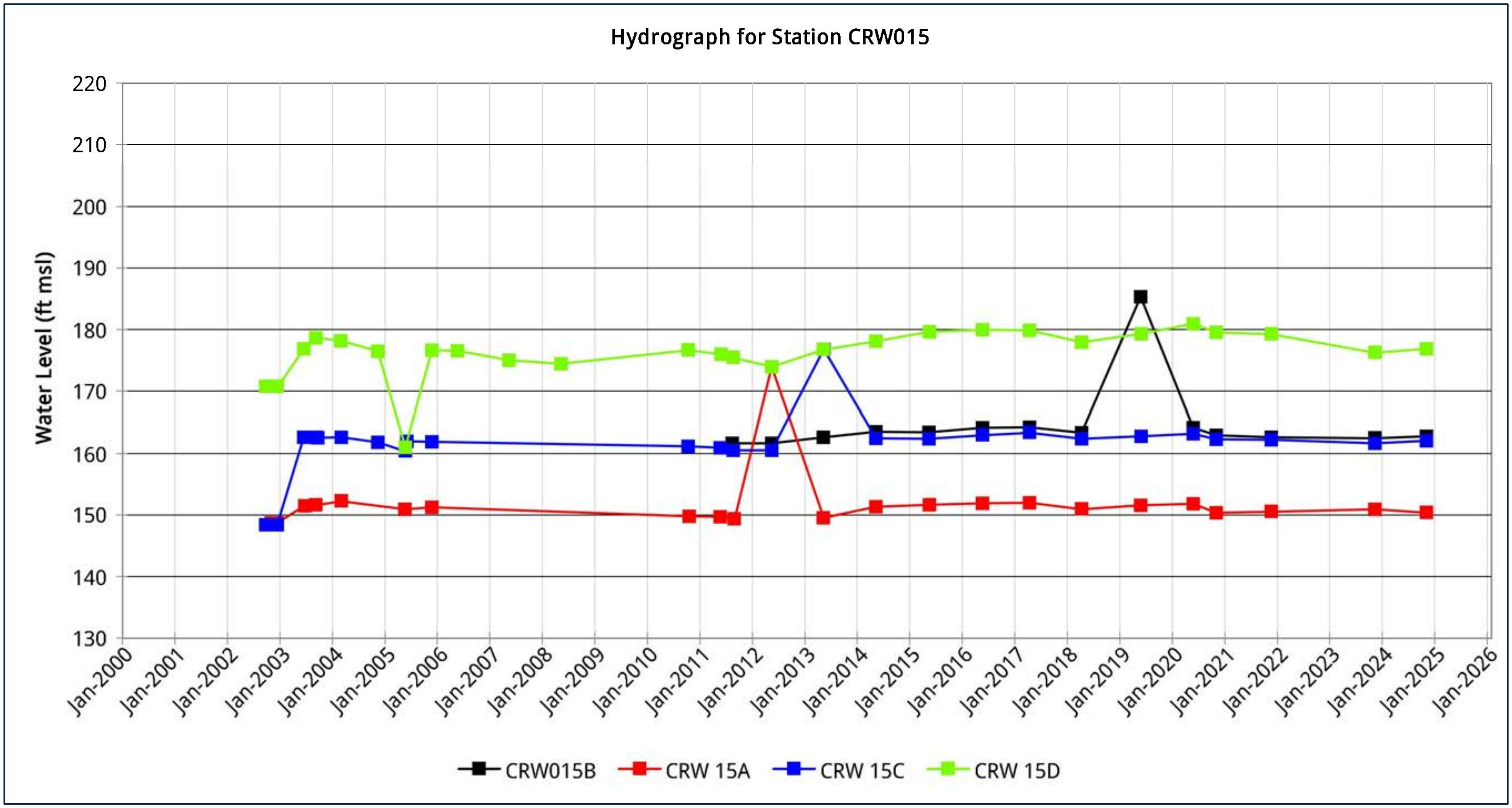
Figure B-18


Hydrograph for Station CRW015
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Water Level (ft msl)
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CRW 15A
CRW 15C
CRW 15D

Figure B-19

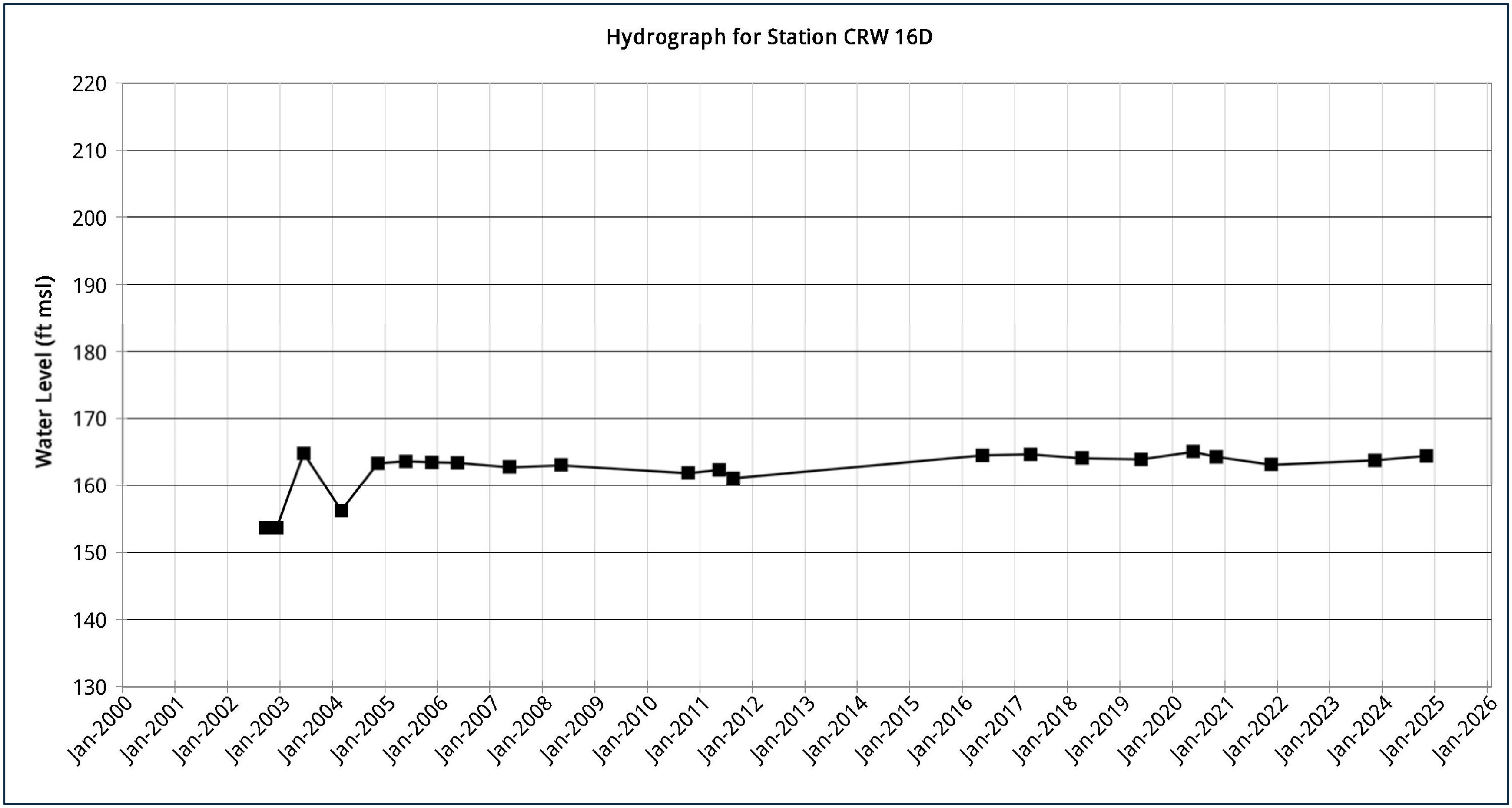
Hydrograph for Station CRW 16D
Water Level (ft msl)
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Figure B-20

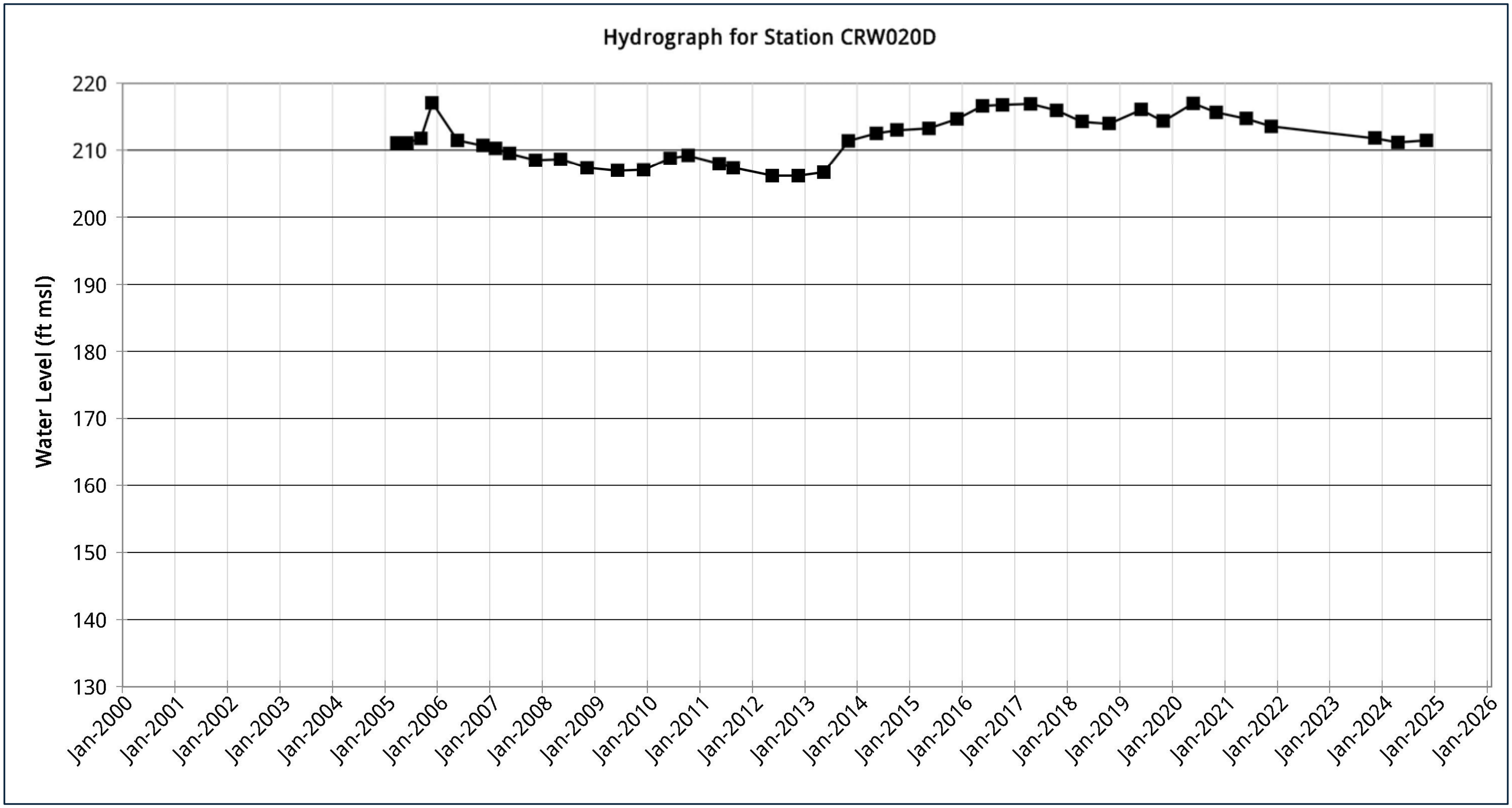
Hydrograph for Station CRW020D
Water Level (ft msl)
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Figure B-21

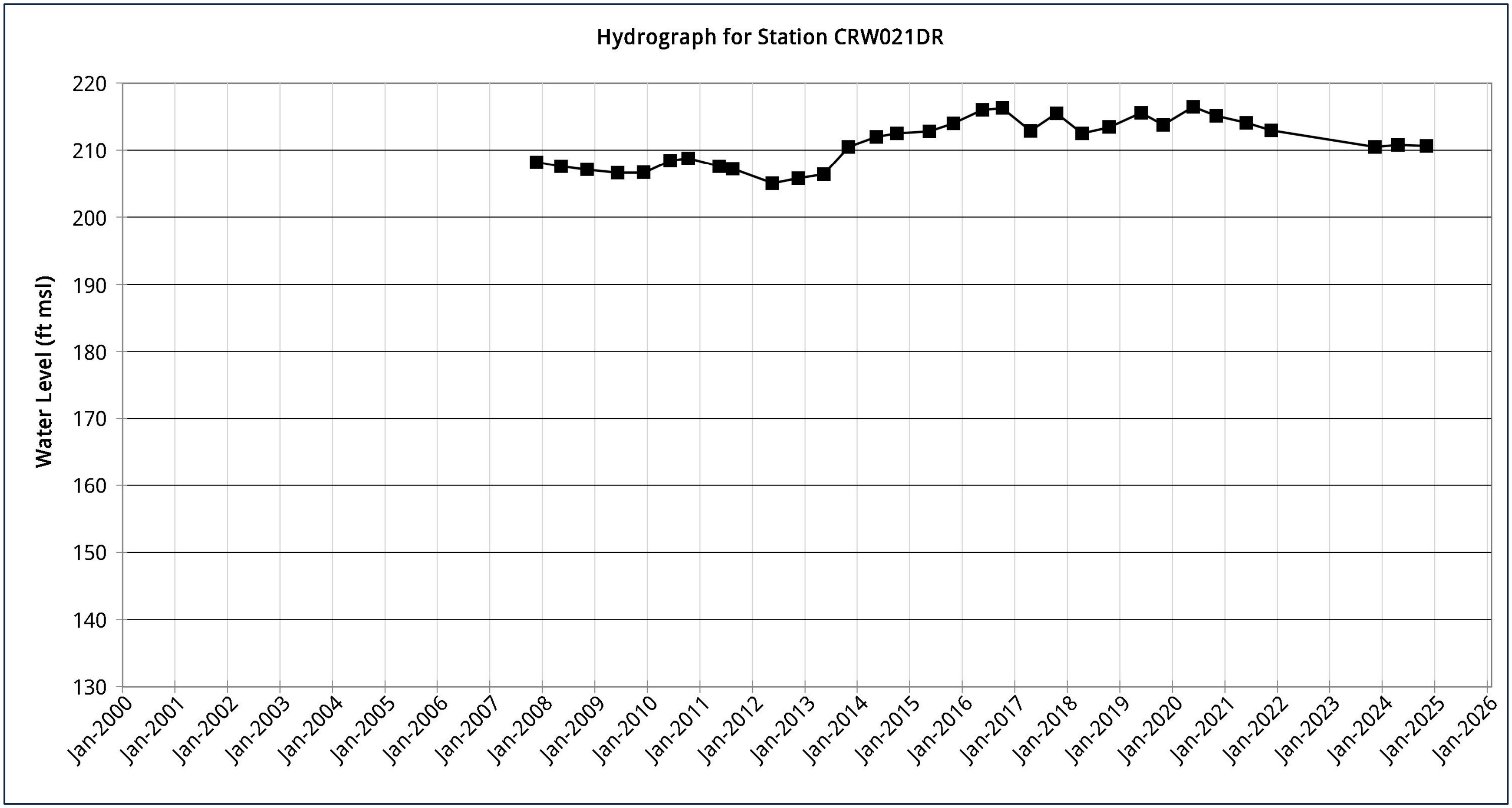
Hydrograph for Station CRW021DR
Water Level (ft msl)
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Figure B-22

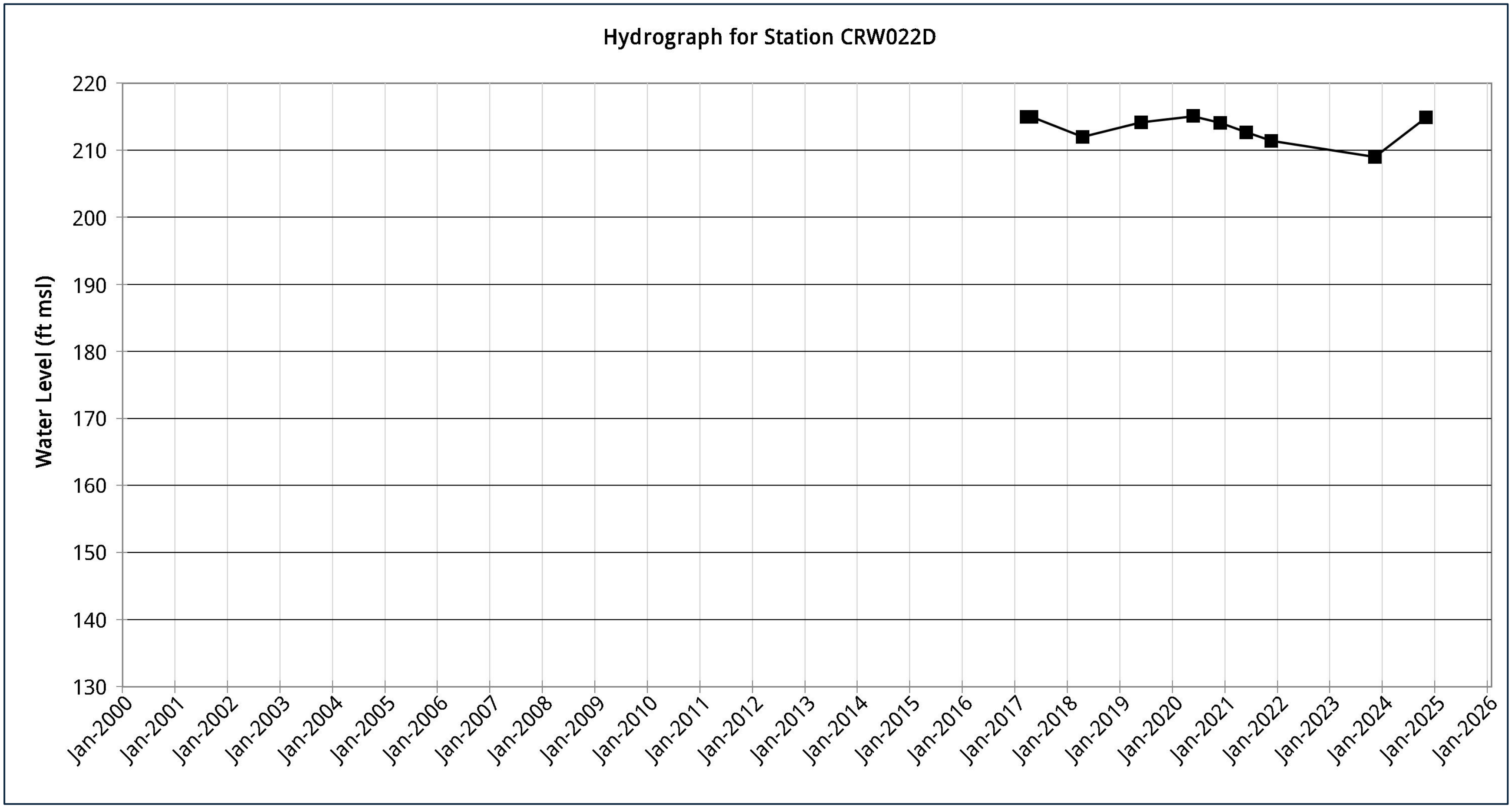
Hydrograph for Station CRW022D
Water Level (ft msl)
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Figure B-23

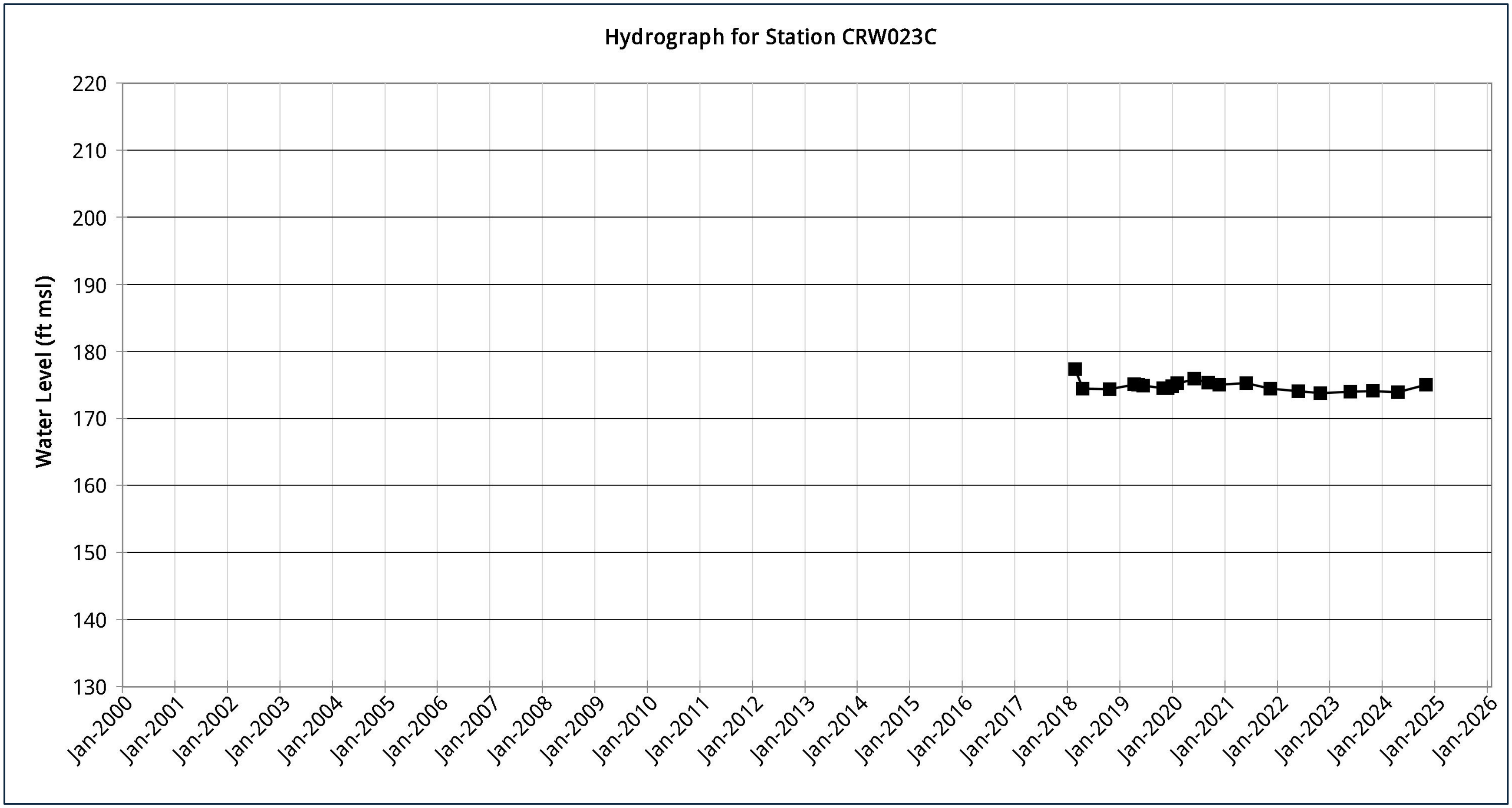
Hydrograph for Station CRW023C
Water Level (ft msl)
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Figure B-24

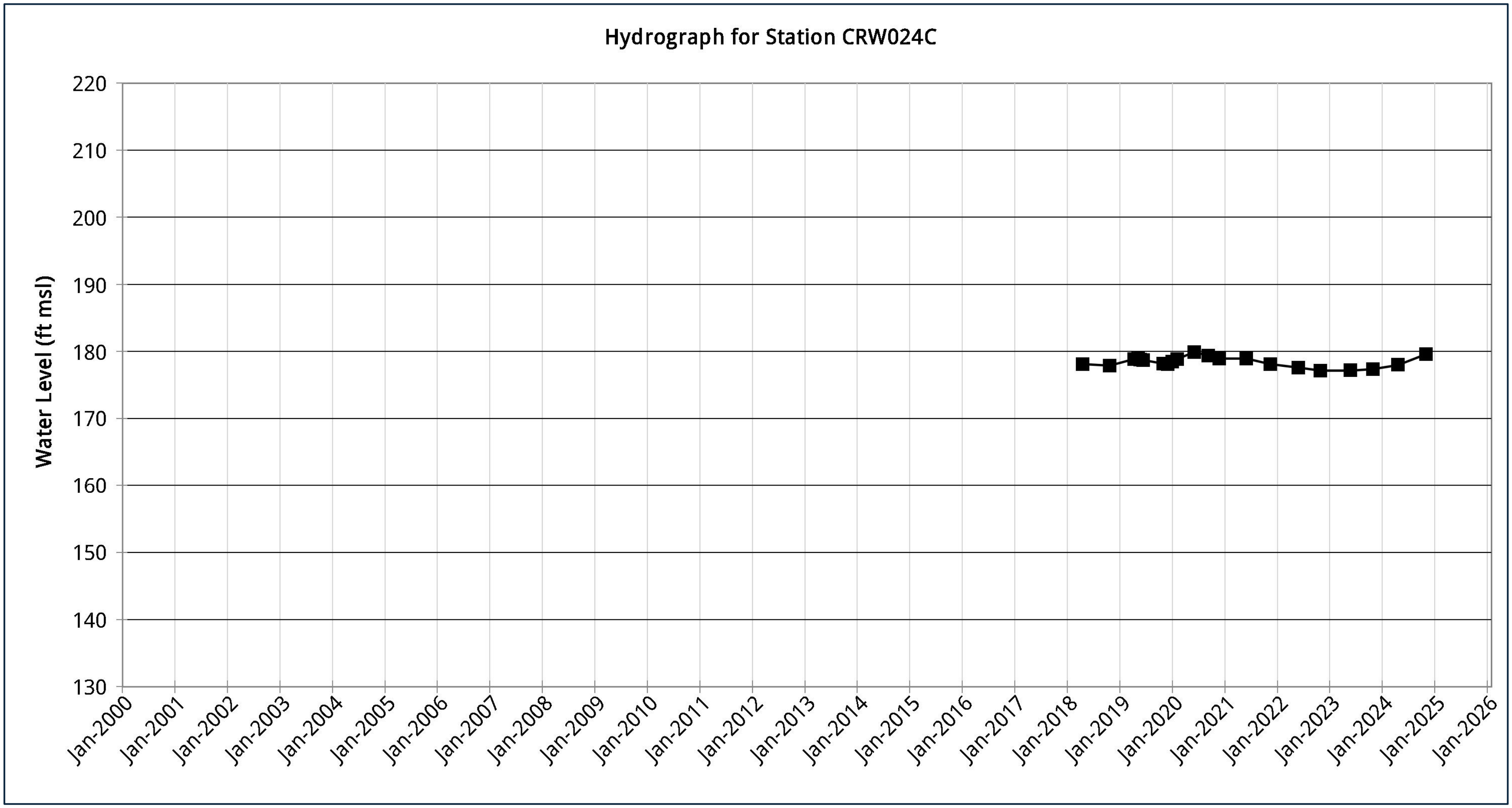
Hydrograph for Station CRW024C
Water Level (ft msl)
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Figure B-25

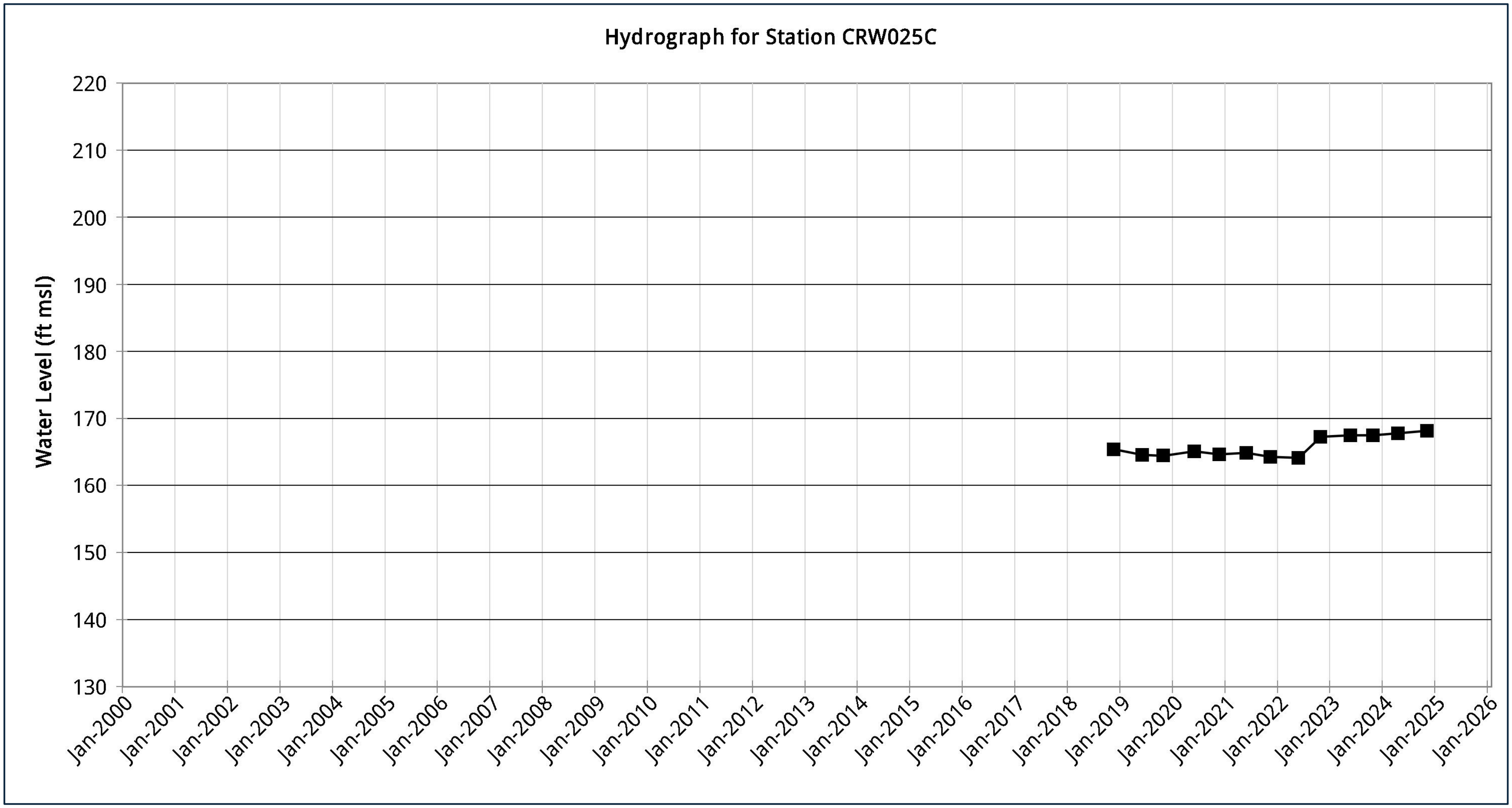
Hydrograph for Station CRW025C
Water Level (ft msl)
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Figure B-26

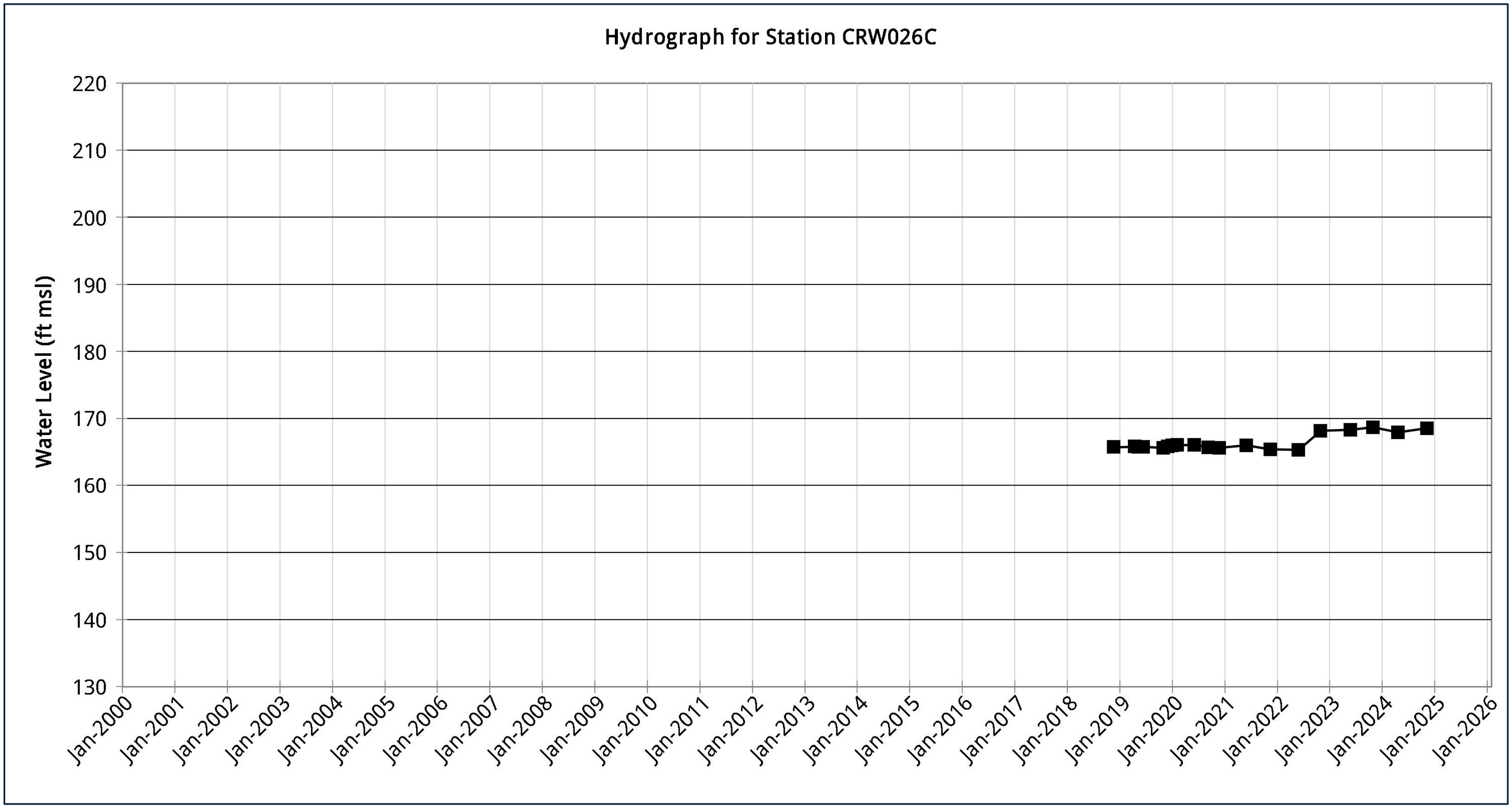
Hydrograph for Station CRW026C
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Figure B-27

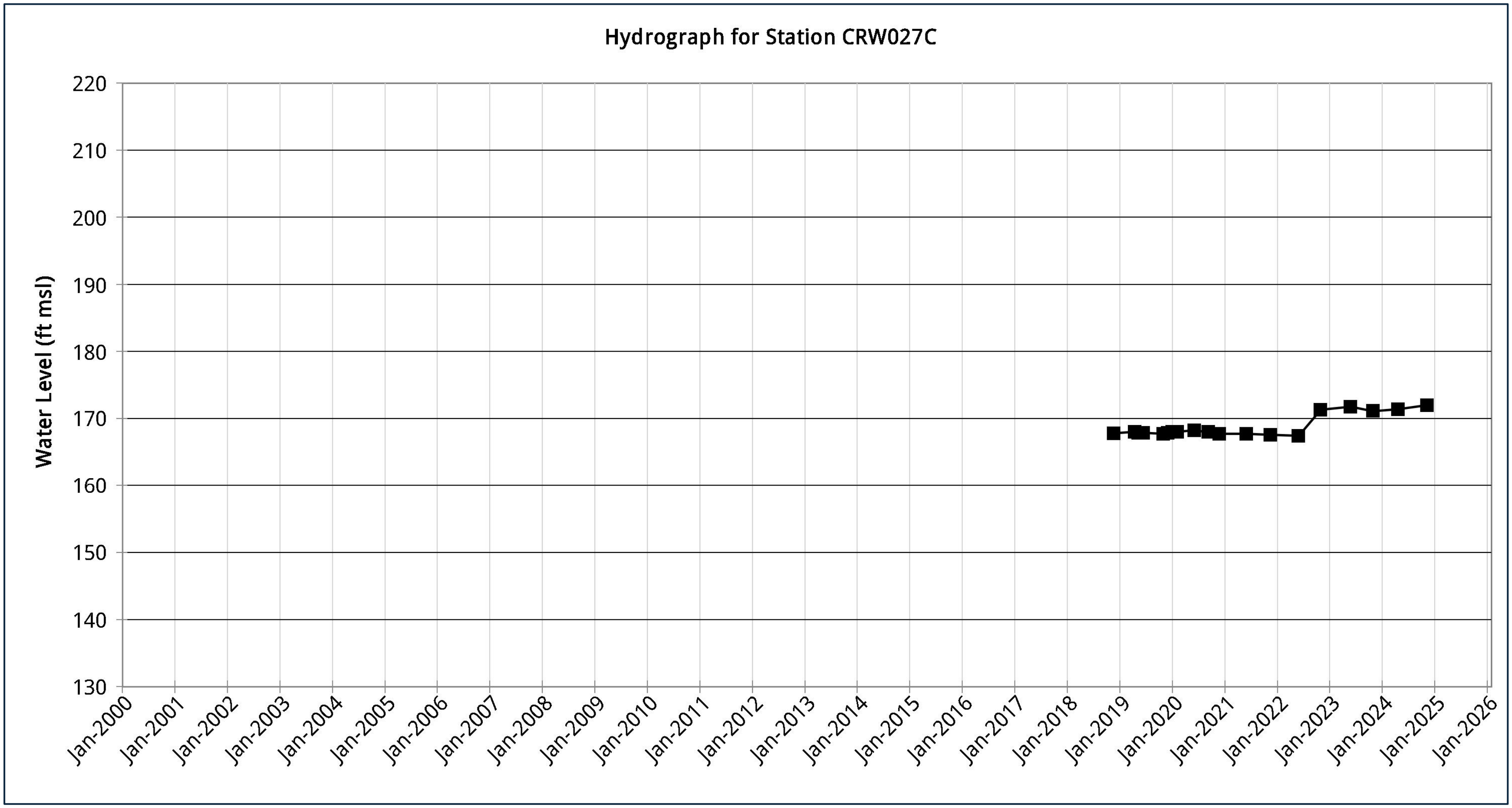
Hydrograph for Station CRW027C
Water Level (ft msl)
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Figure B-28

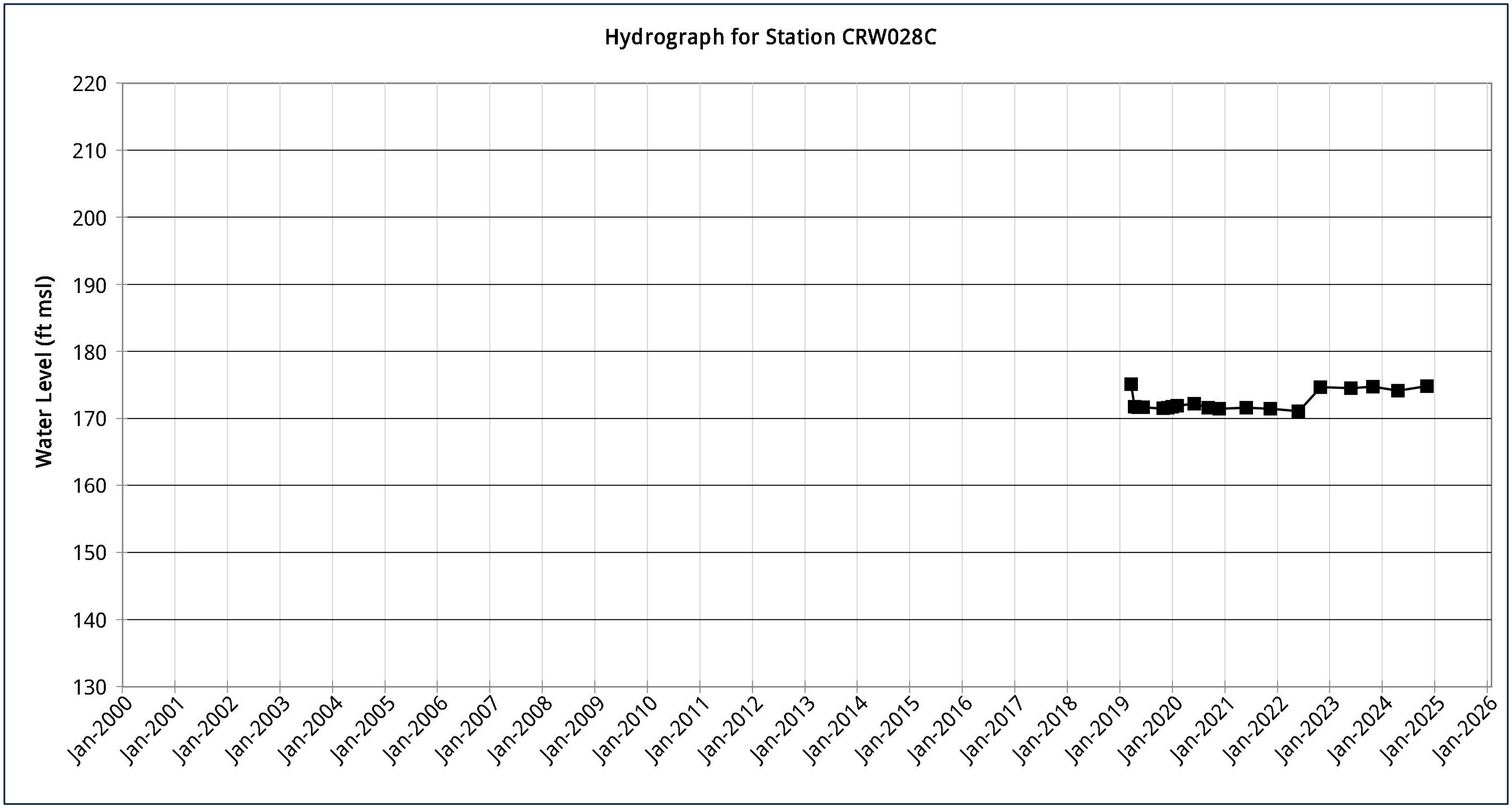
Hydrograph for Station CRW028C
Water Level (ft msl)
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Figure B-29

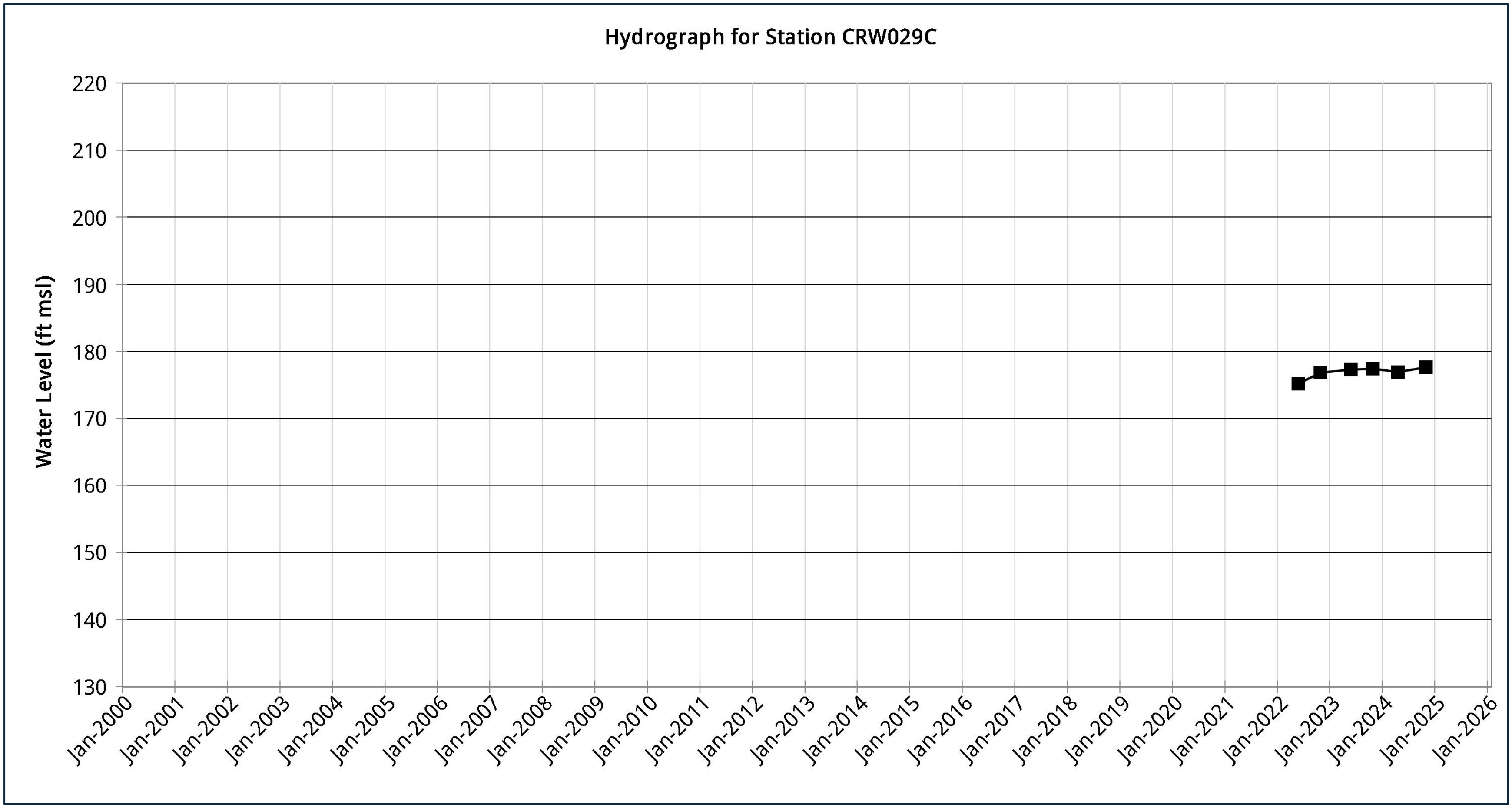
Hydrograph for Station CRW029C
Water Level (ft msl)
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Figure B-30

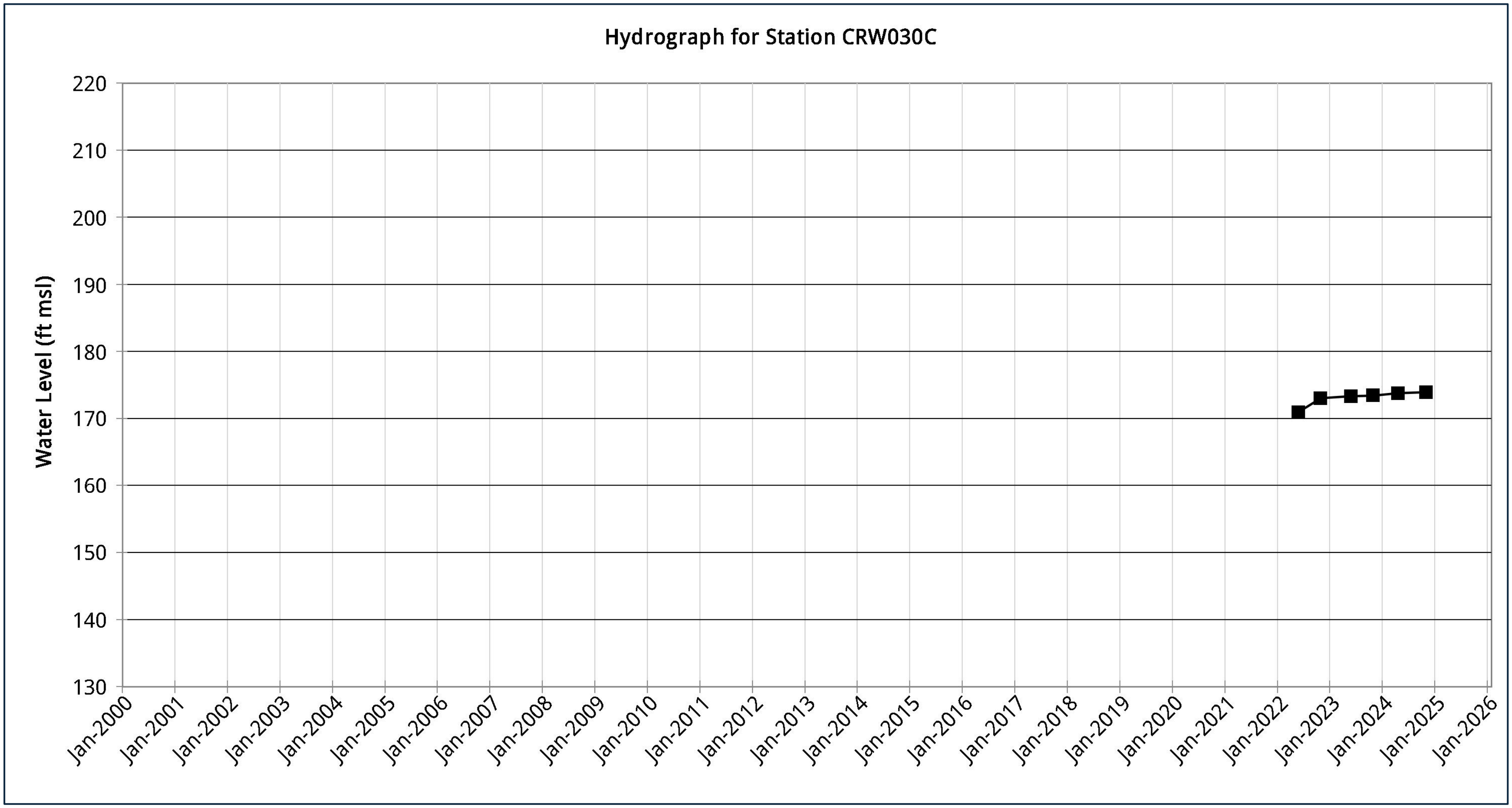
Hydrograph for Station CRW030C
Water Level (ft msl)
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Figure B-31

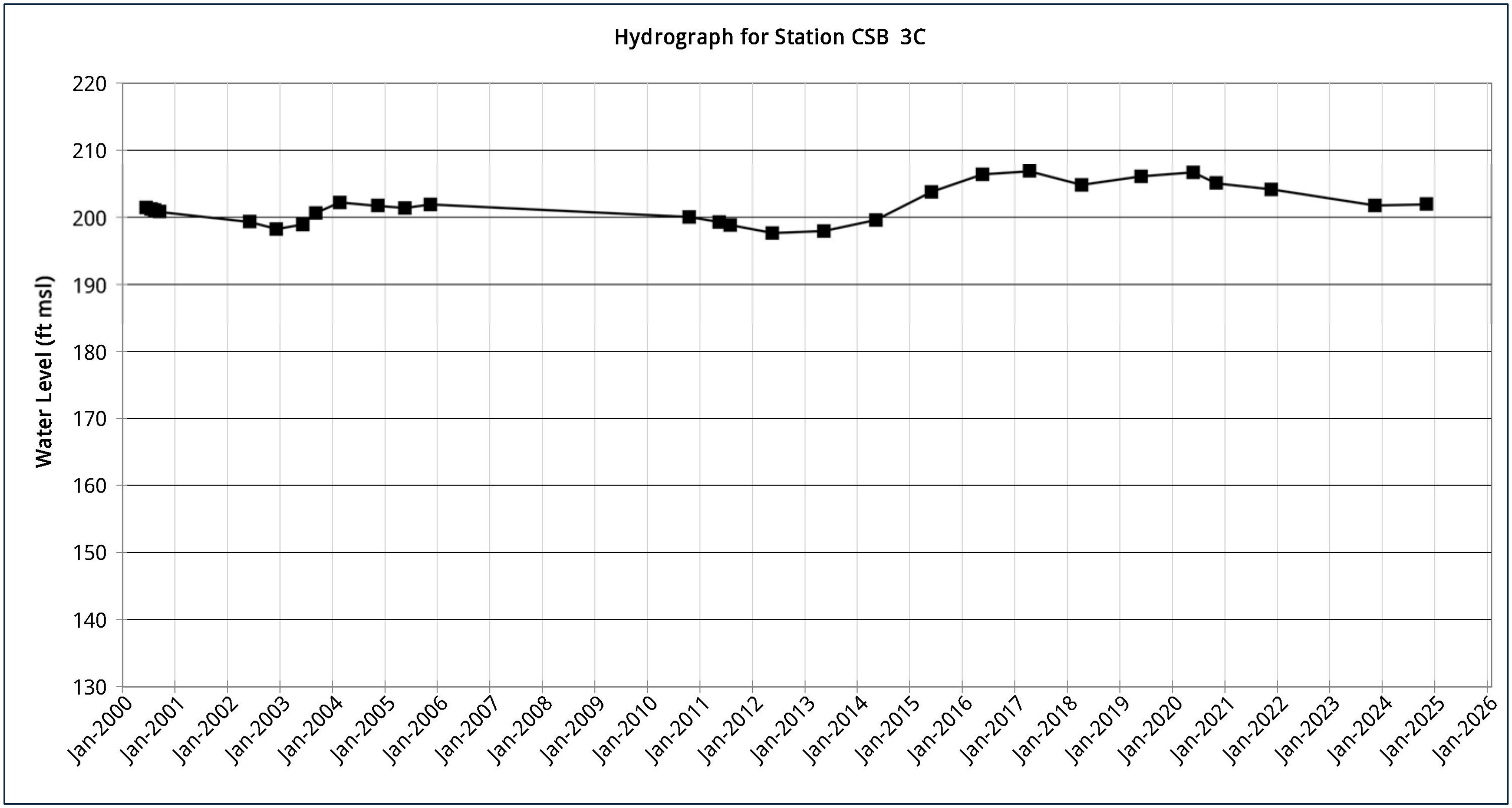
Hydrograph for Station CSB 3C
Water Level (ft msl)
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Figure B-32

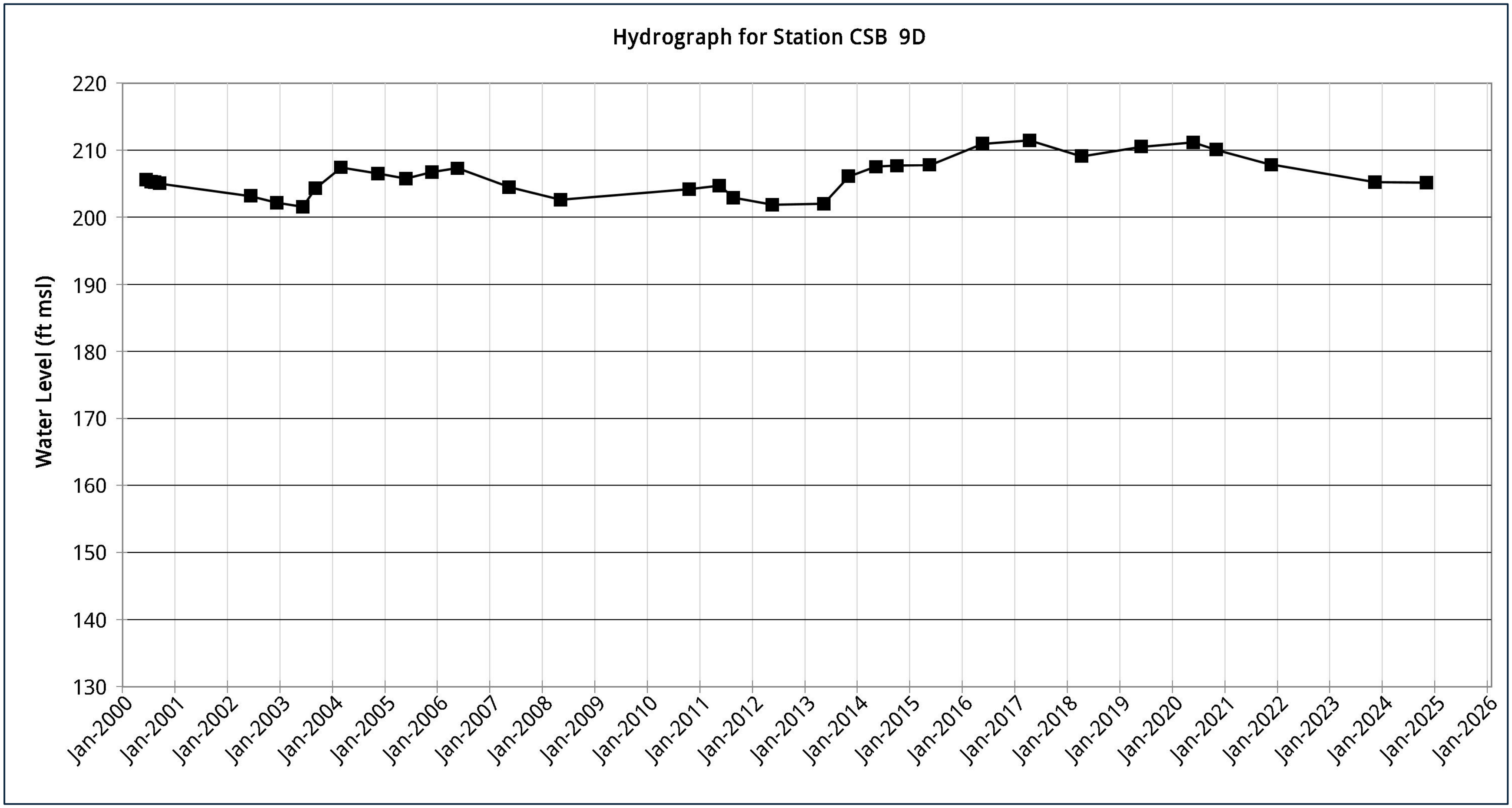
Hydrograph for Station CSB 9D
Water Level (ft msl)
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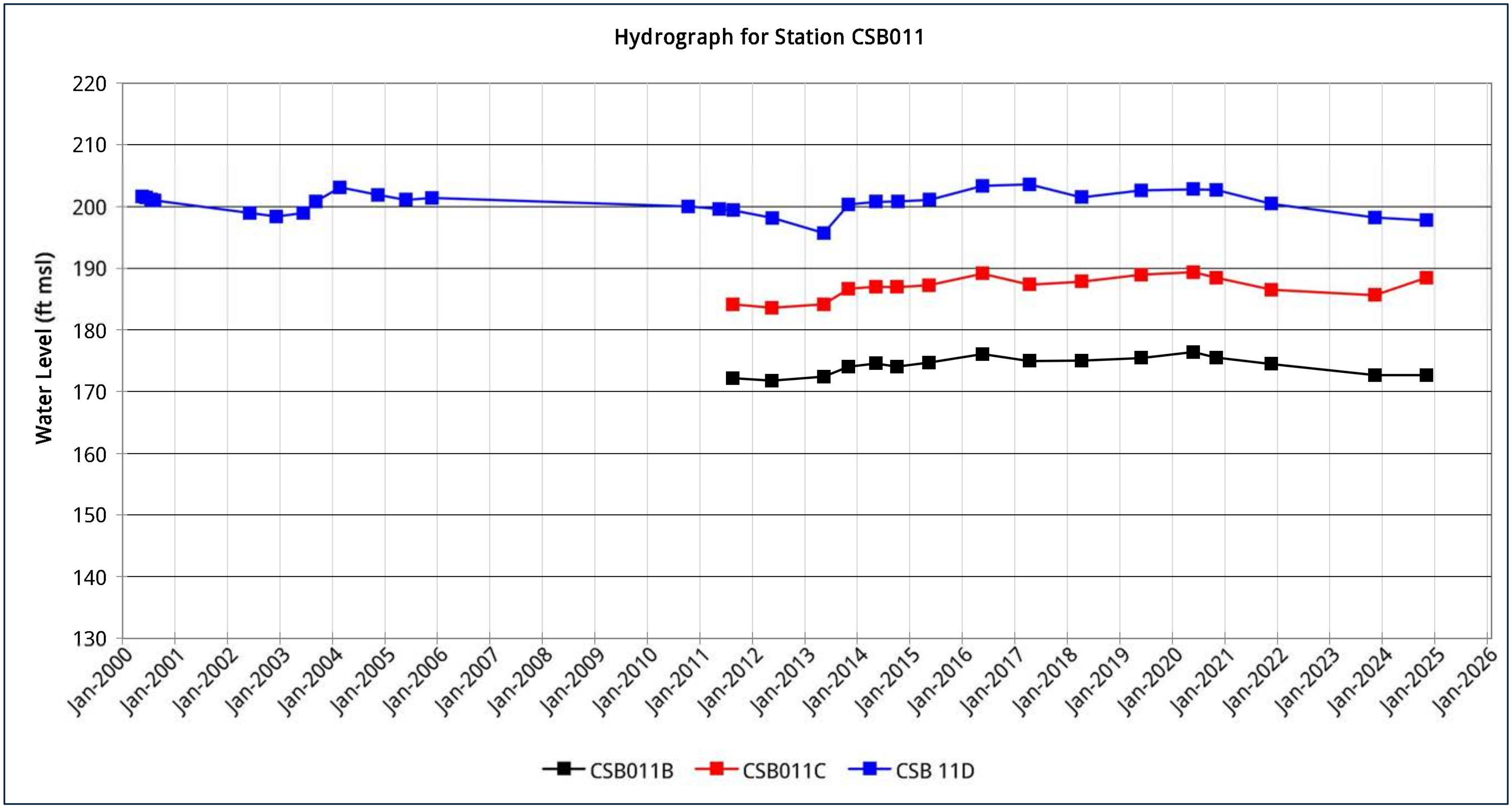
Figure B-33


Hydrograph for Station CSB011
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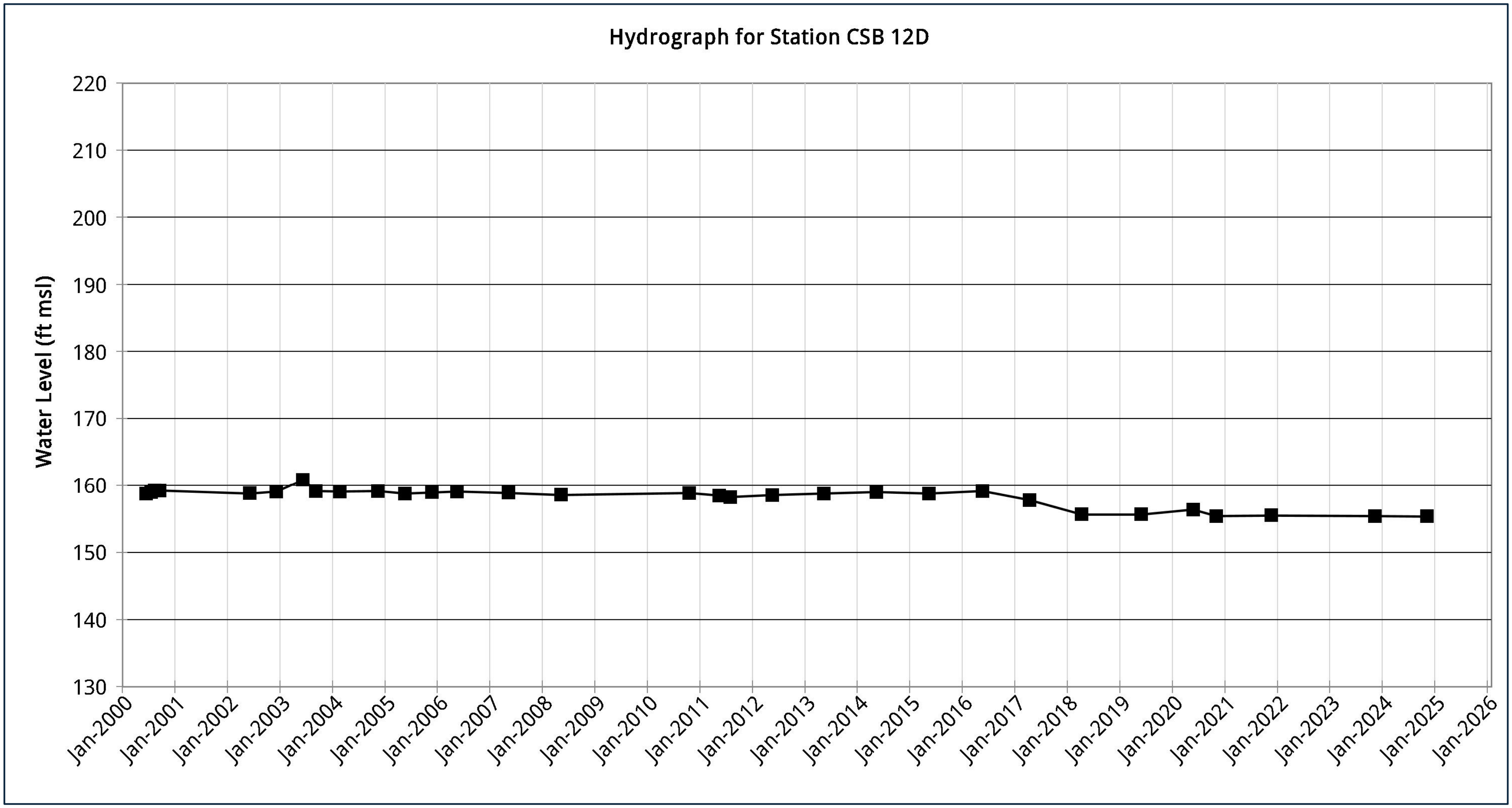
CSB011C
CSB 11D

Figure B-34


Hydrograph for Station CSB 12D
Water Level (ft msl)
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026

Figure B-35

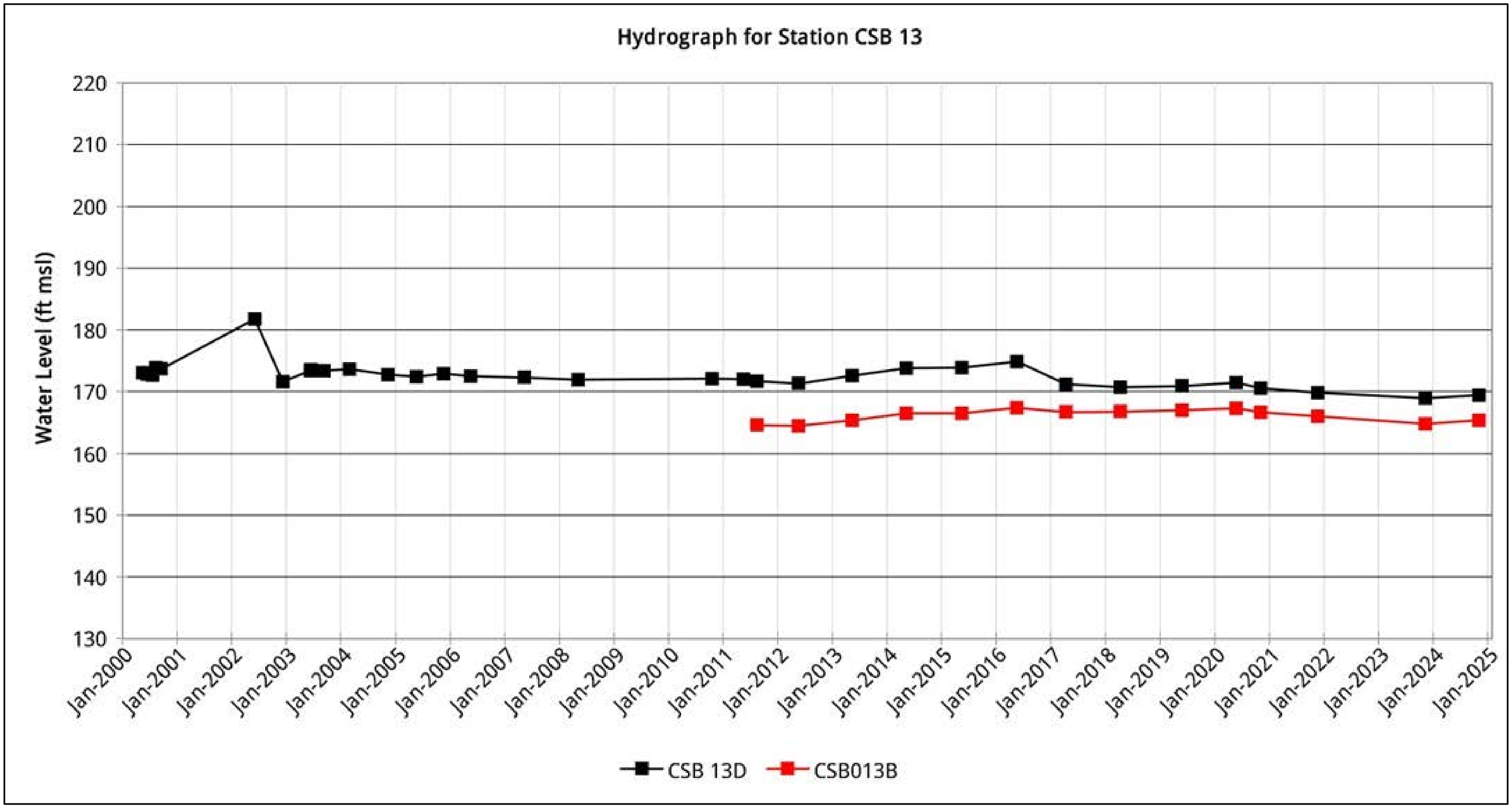

Hydrograph for Station CSB 13
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CSB 13D
CSB013B

Figure B-36

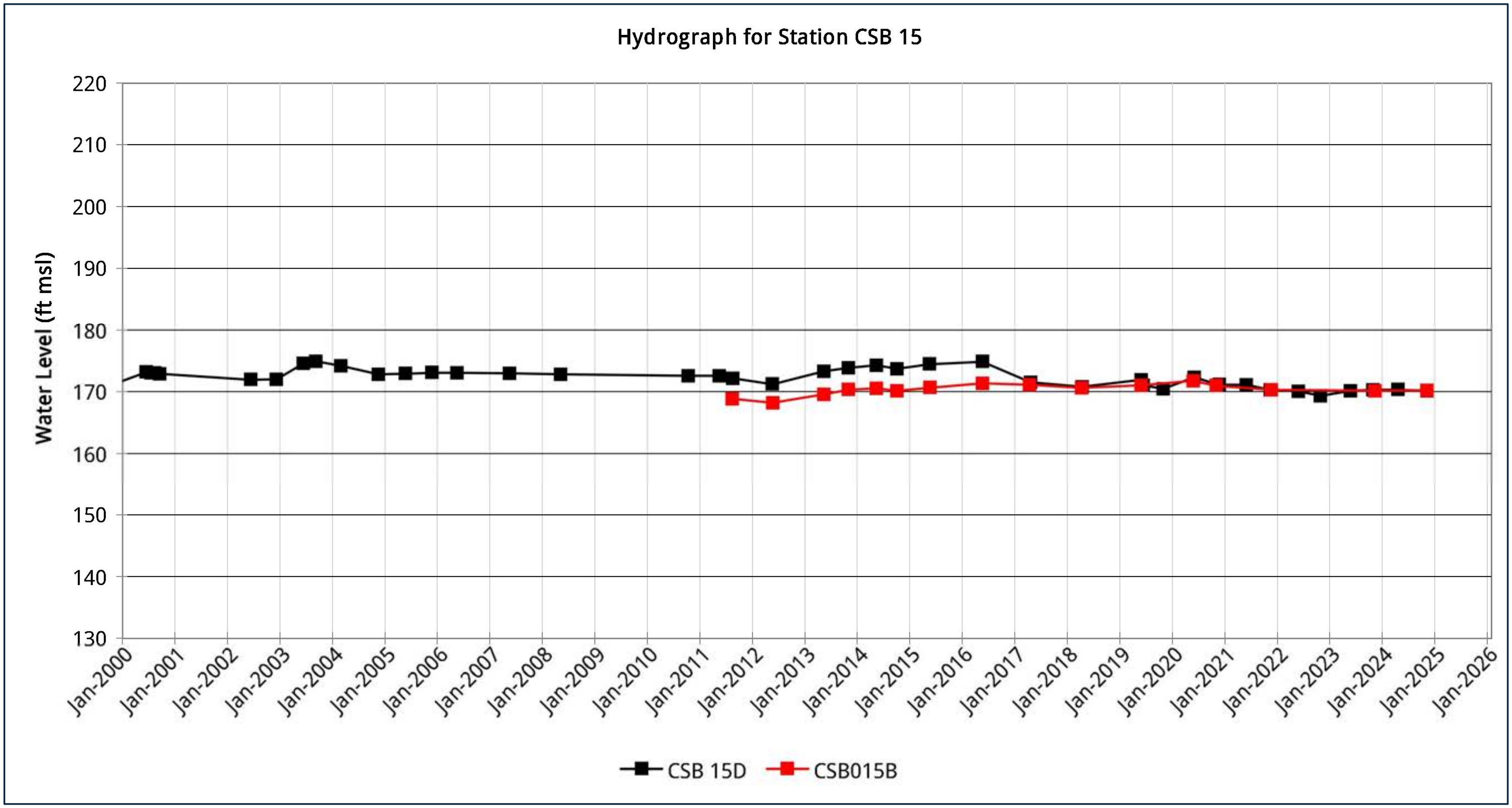
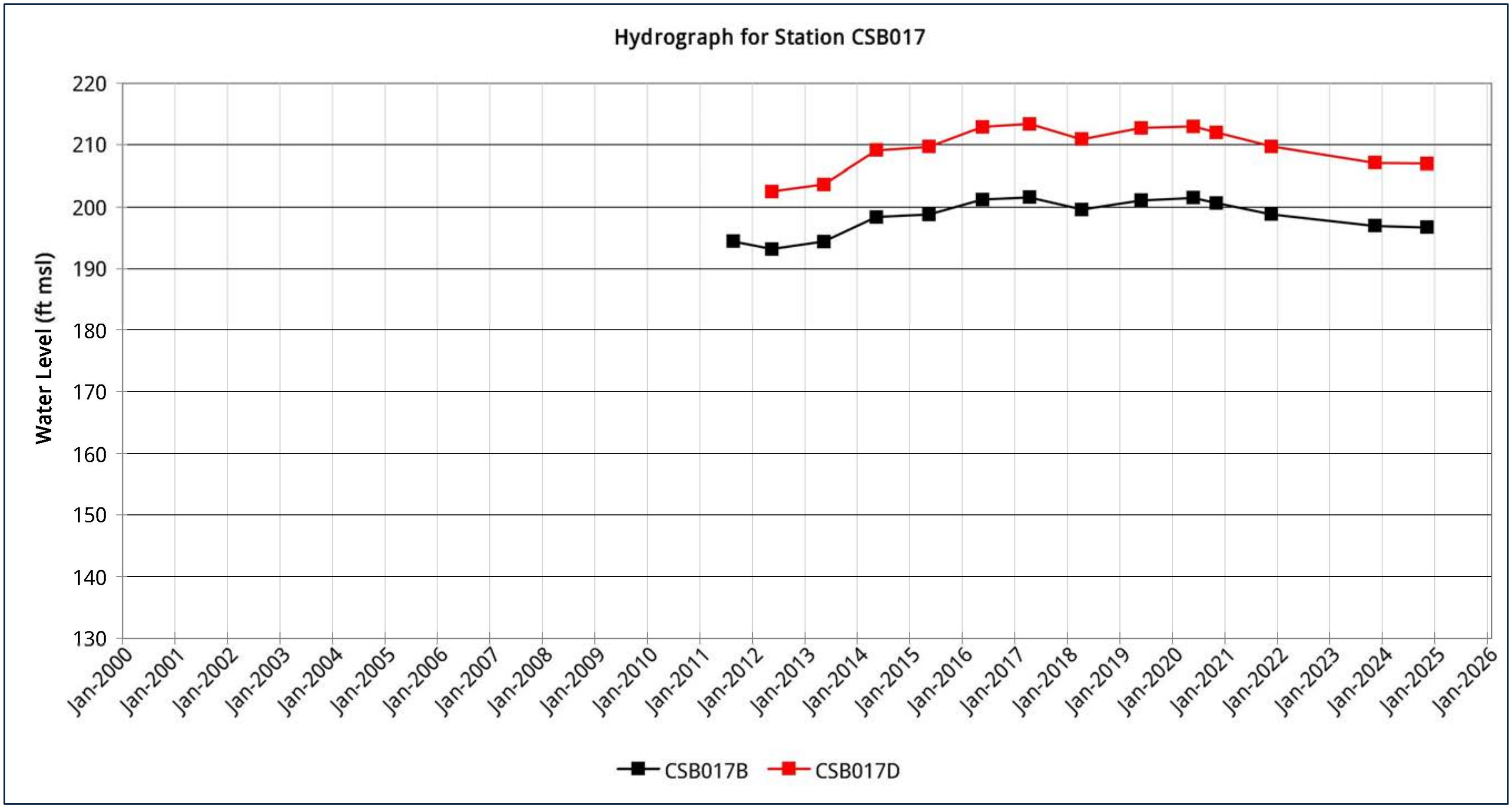

Hydrograph for Station CSB 15
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB 15D
CSB015B

Figure B-37


Hydrograph for Station CSB017
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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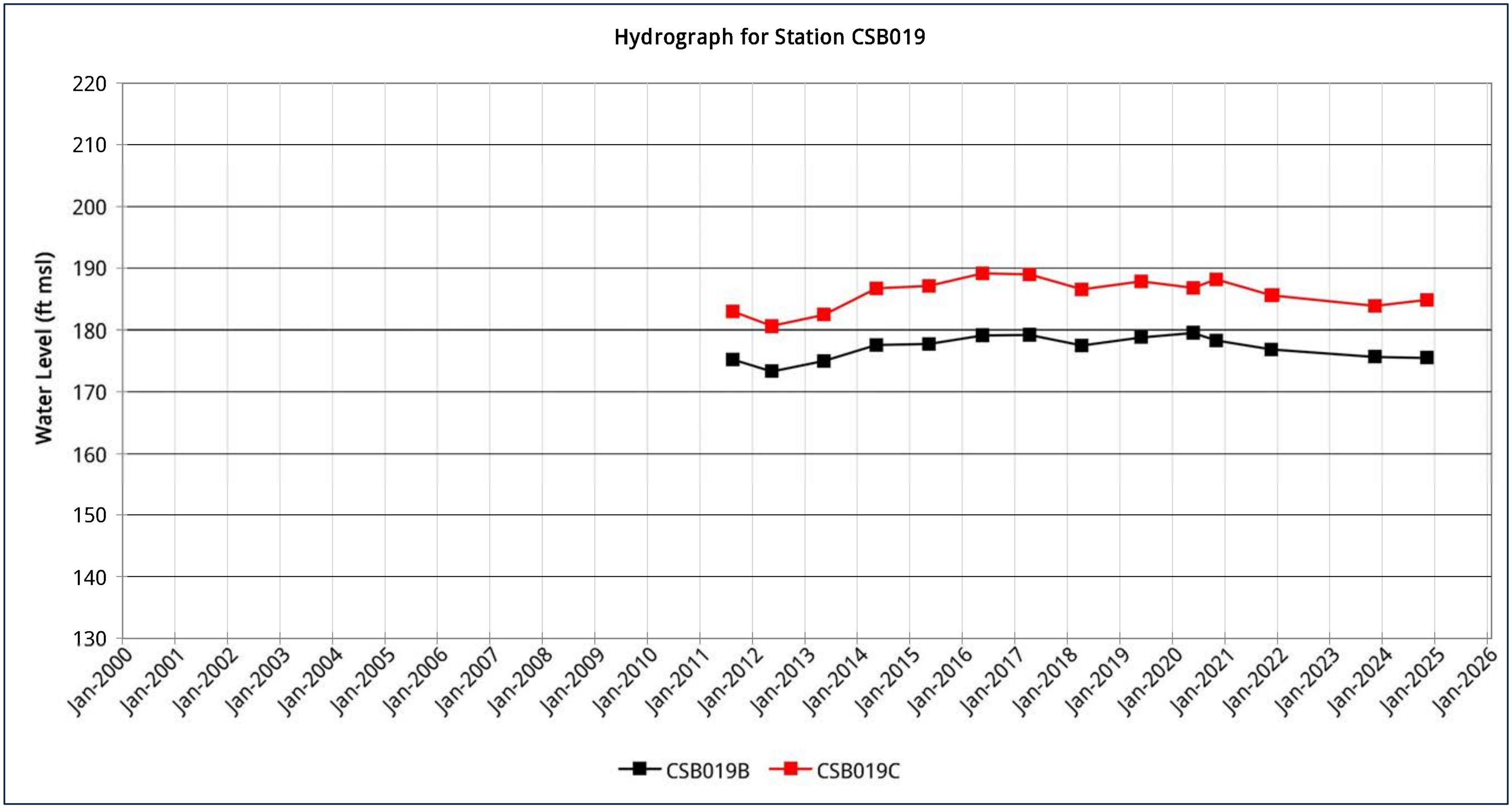
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB017B
CSB017D

Figure B-38


Hydrograph for Station CSB019
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
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Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB019B
CSB019C

Figure B-39

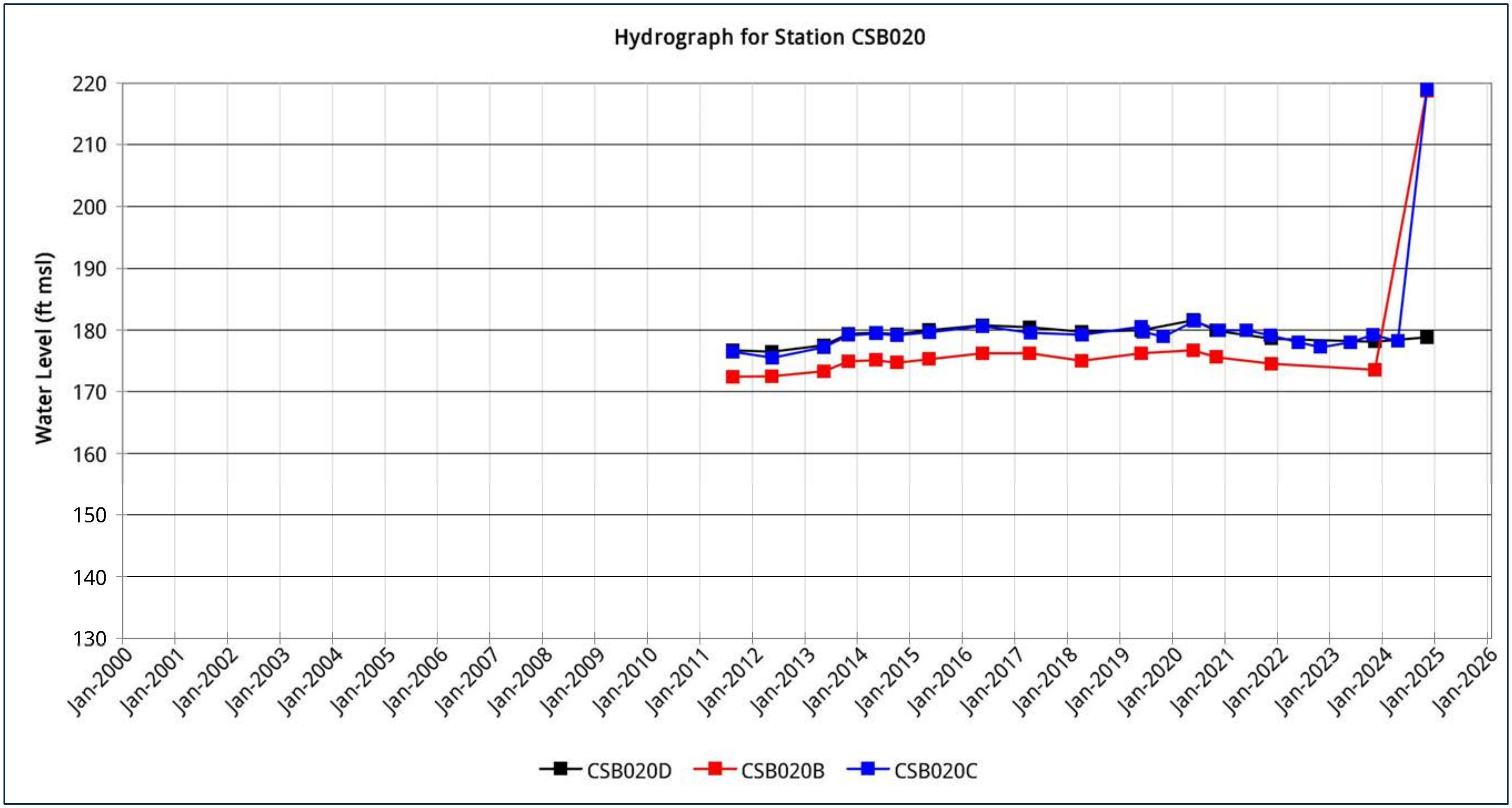
Hydrograph for Station CSB020
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB020D
CSB020B
CSB020C

Figure B-40

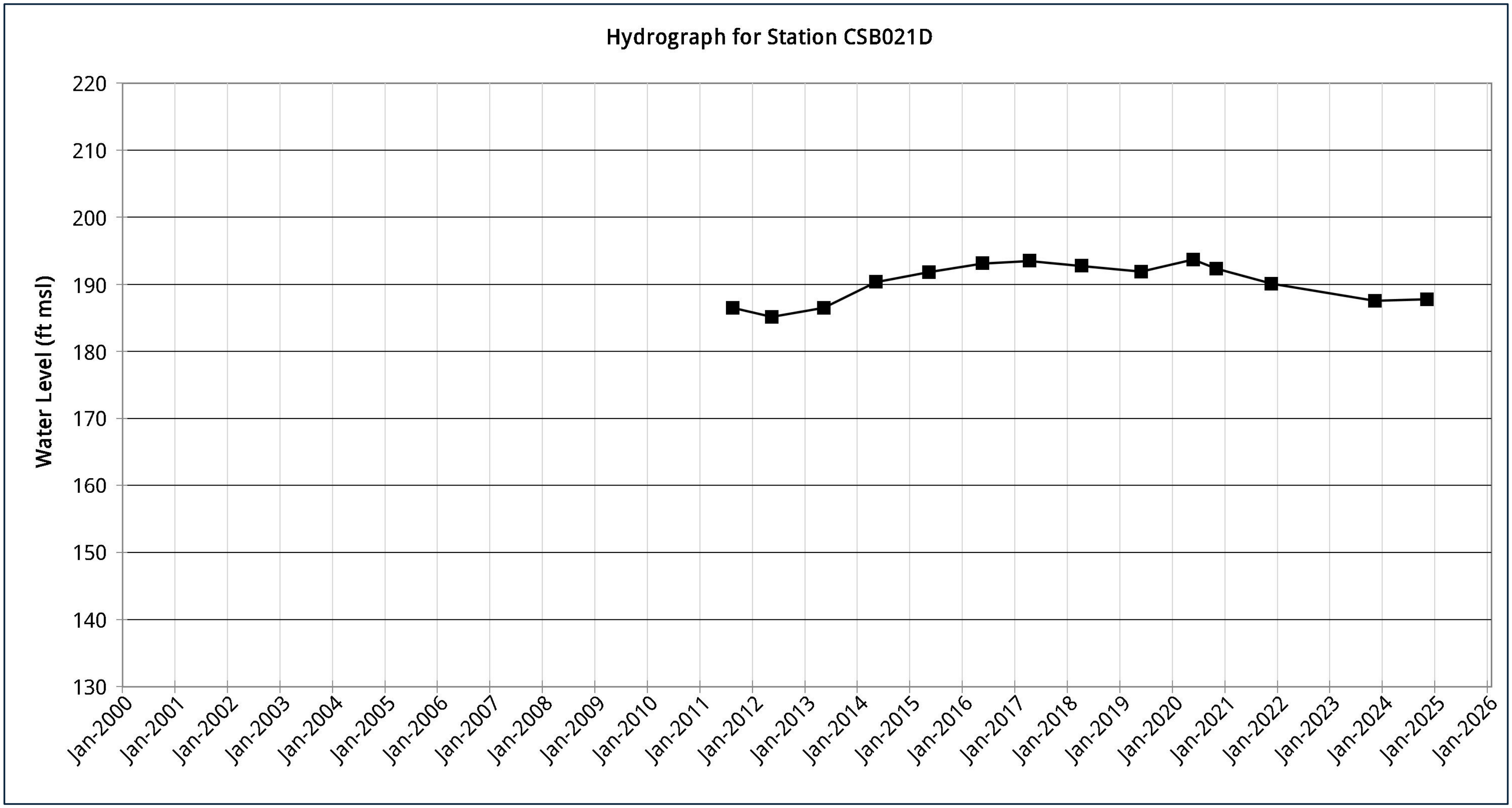
Hydrograph for Station CSB021D
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026

Figure B-41

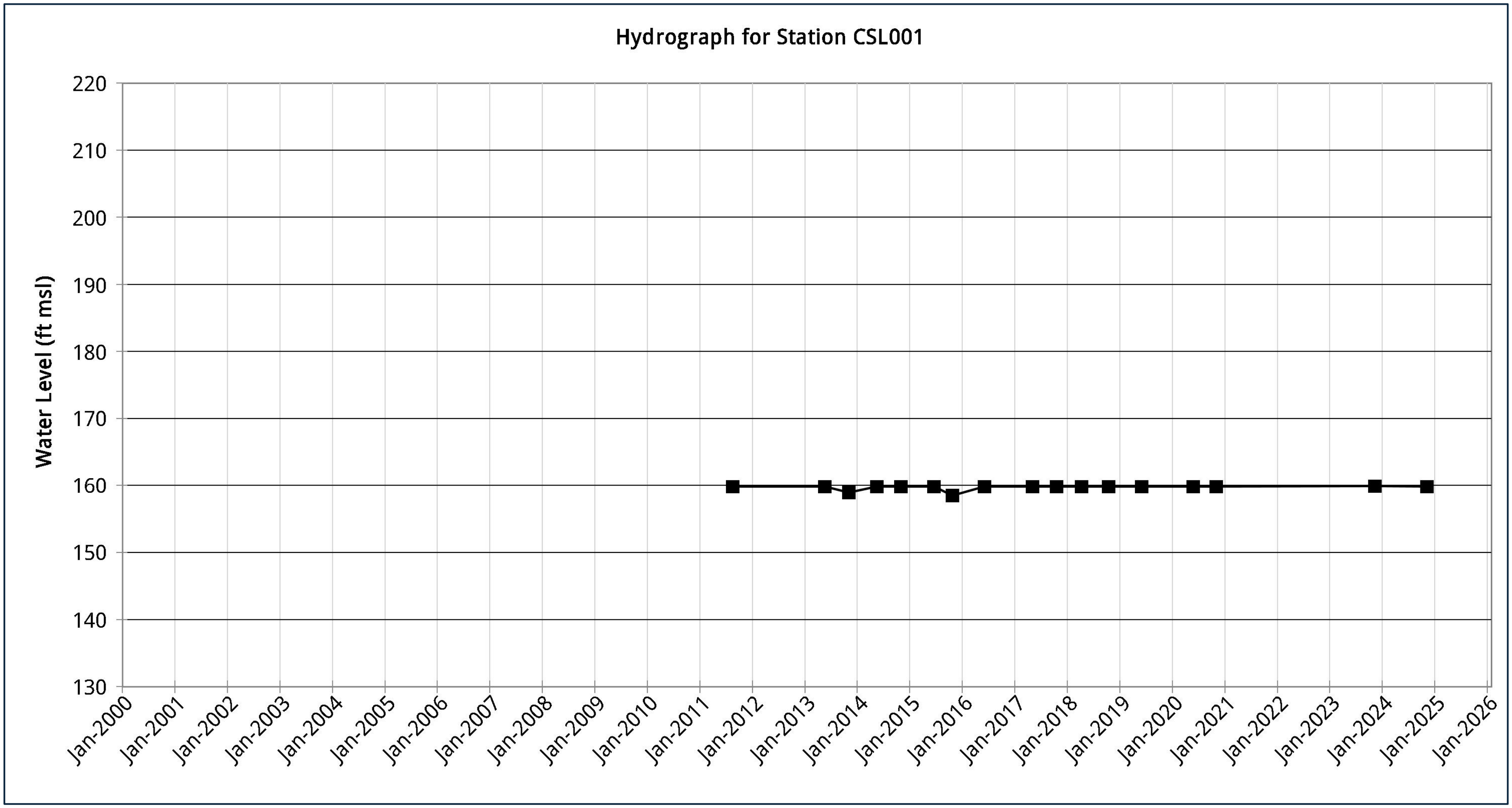
Hydrograph for Station CSL001
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026

Figure B-42

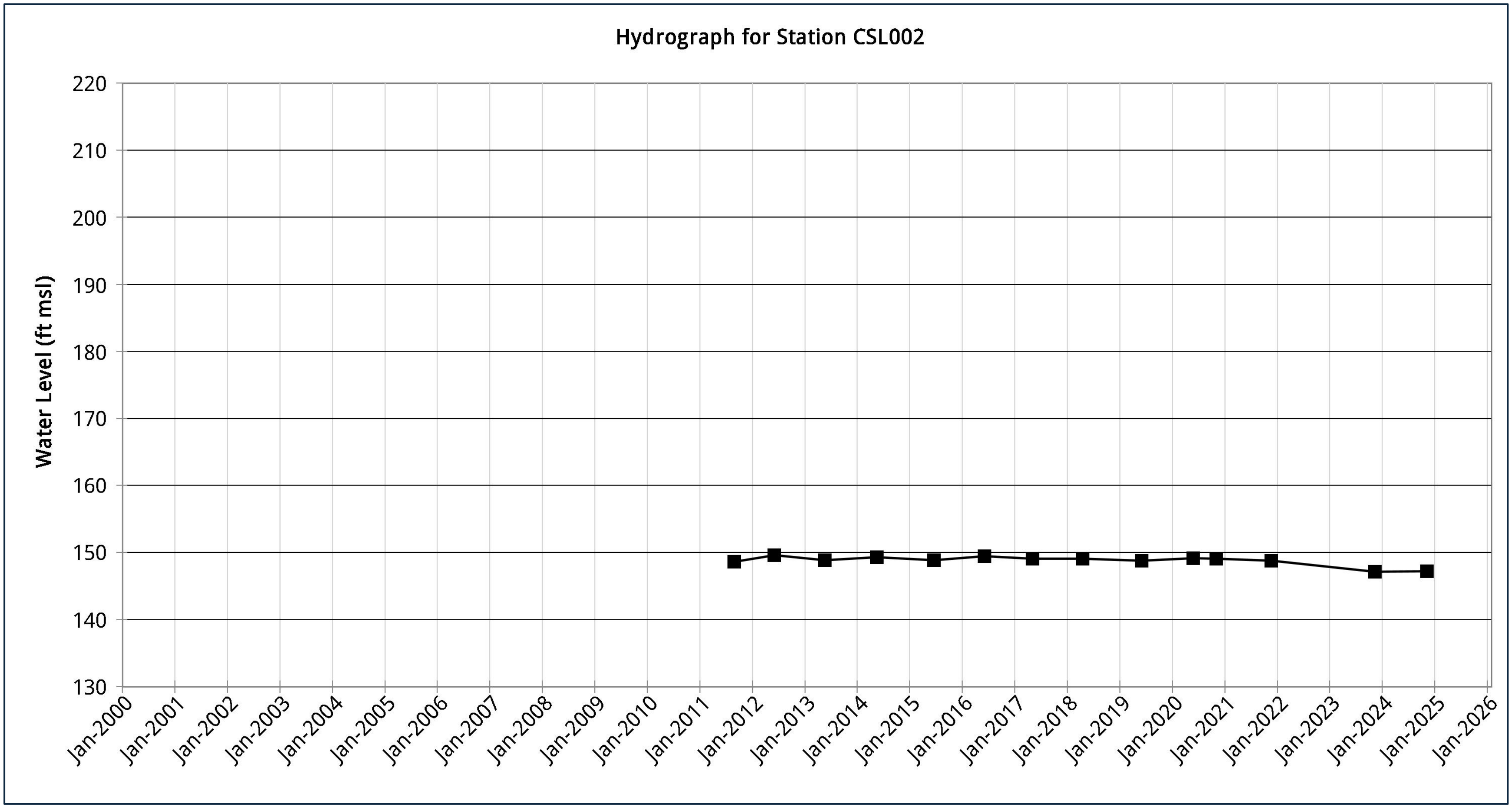
Hydrograph for Station CSL002
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026

Figure B-43

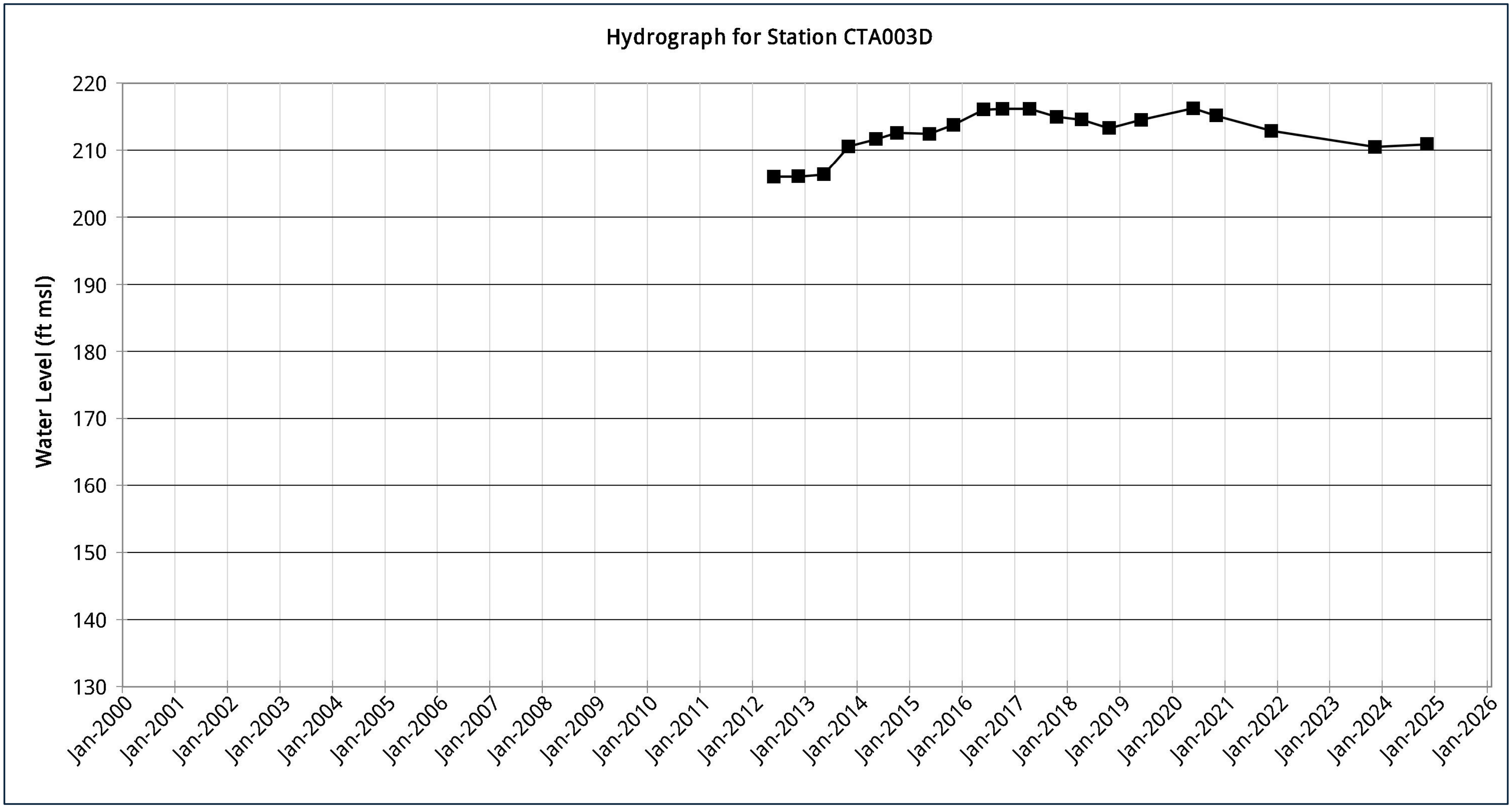
Hydrograph for Station CTA003D
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026

Figure B-44

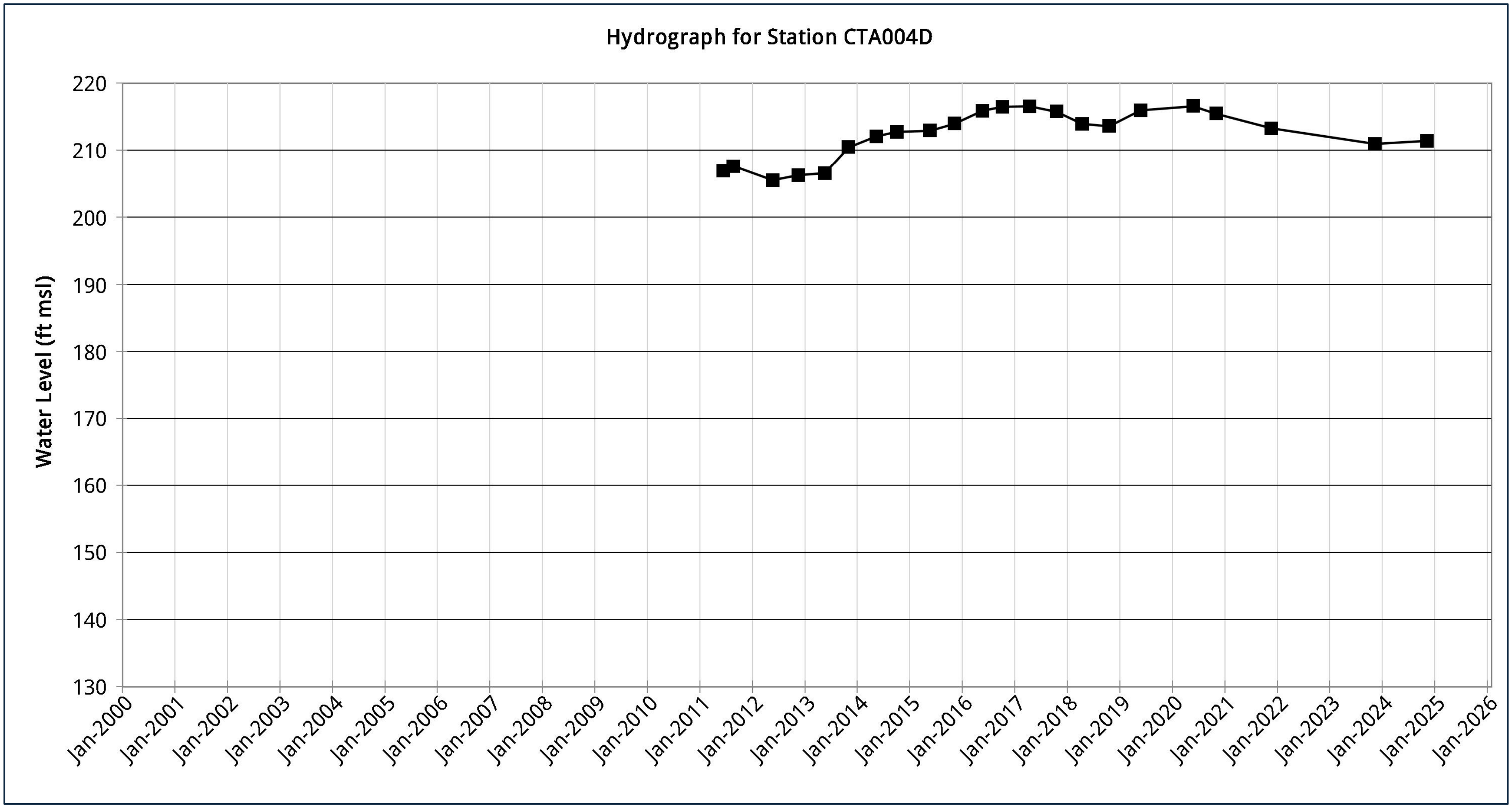
Hydrograph for Station CTA004D
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026

Figure B-45

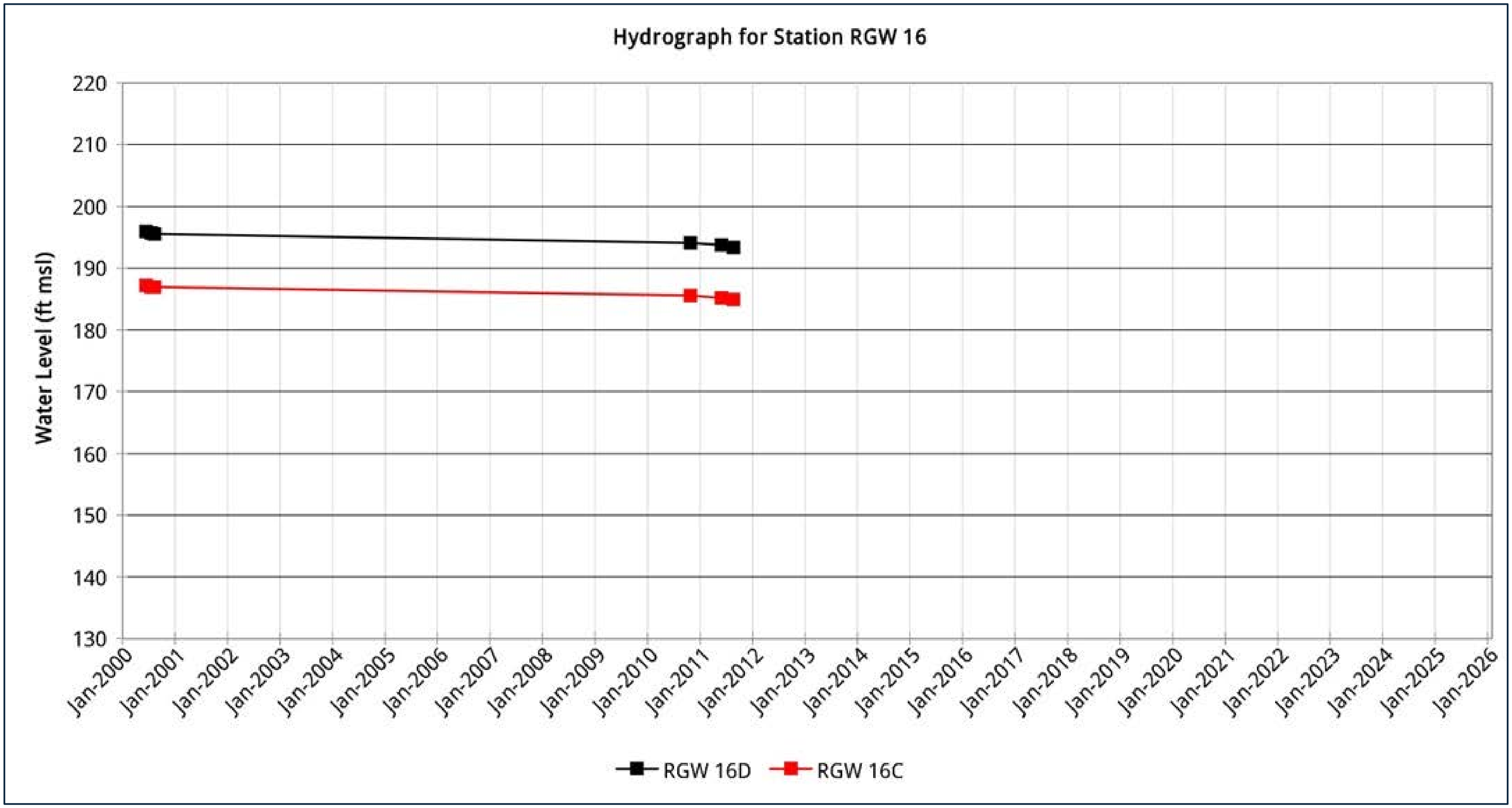
Hydrograph for Station RGW 16
Water Level (ft msl)
220
210
200
190
180
170
160
150
140
130
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
RGW 16D
RGW 16C

Figure B-46

APPENDIX C

Time-Series Plots

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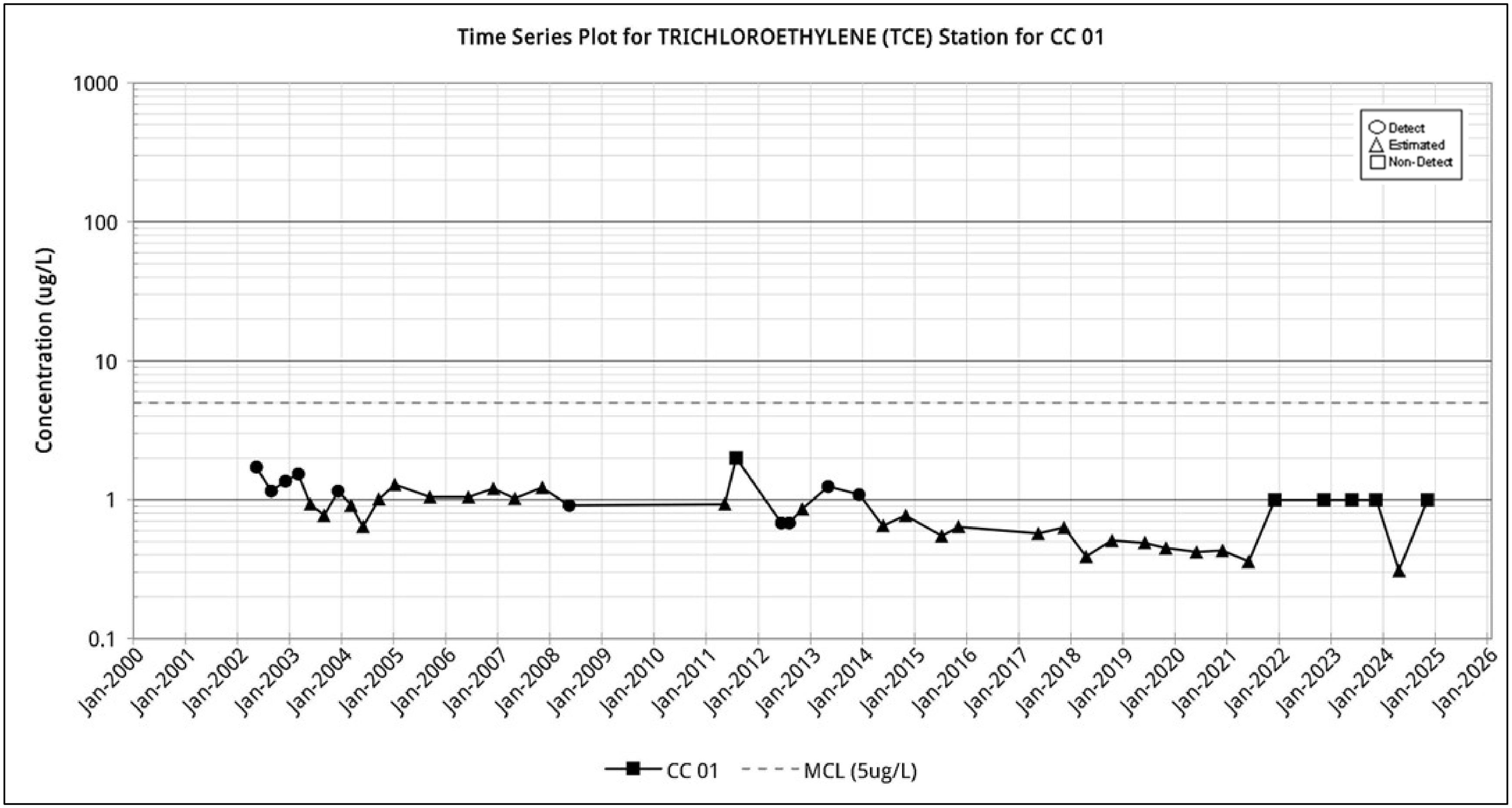

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 01
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CC 01
MCL (5ug/L)

Figure C-1

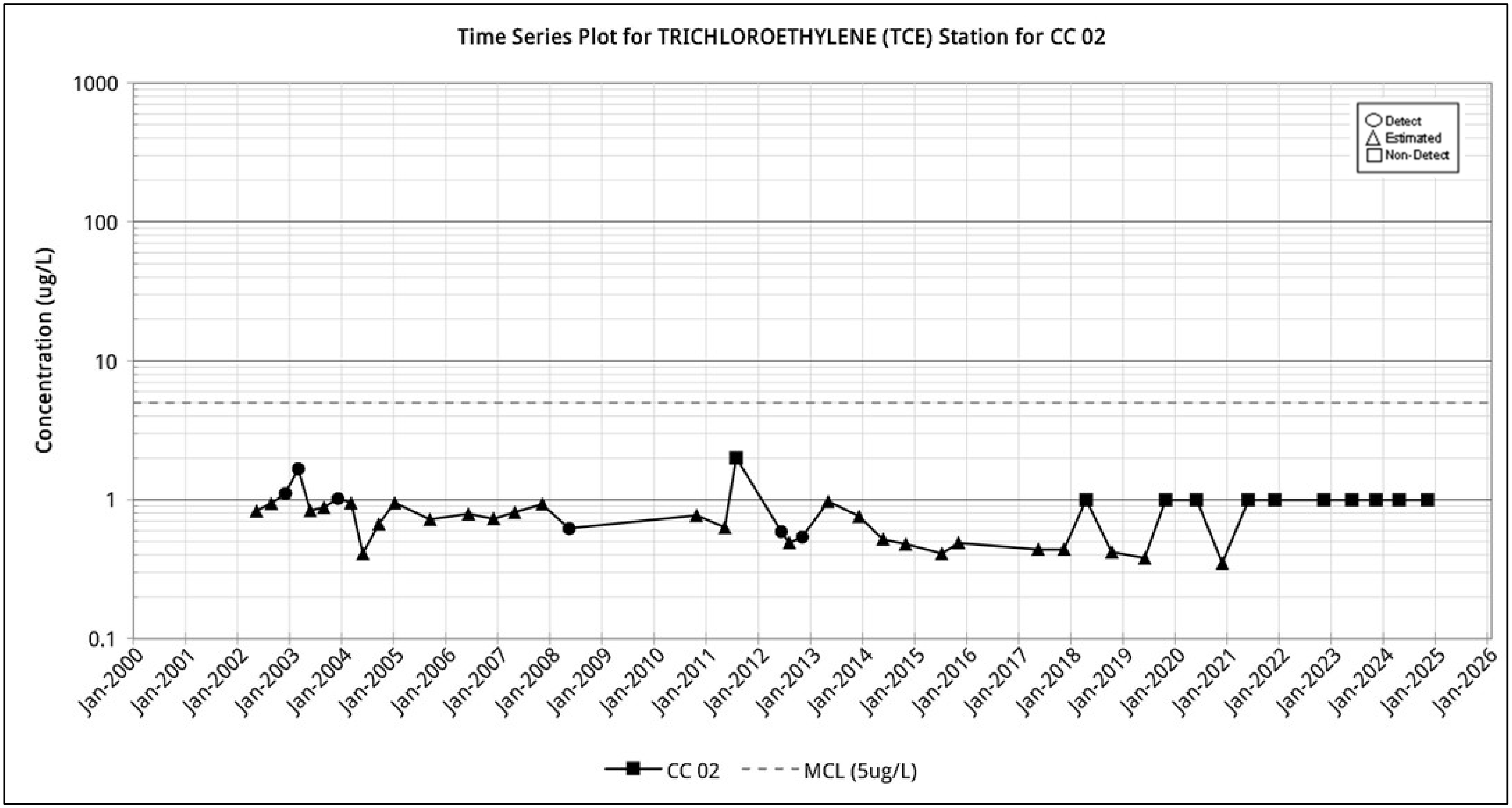

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 02
1000
100
10
1
0.1
Concentration (ug/L)
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CC 02
MCL (5ug/L)

Figure C-2

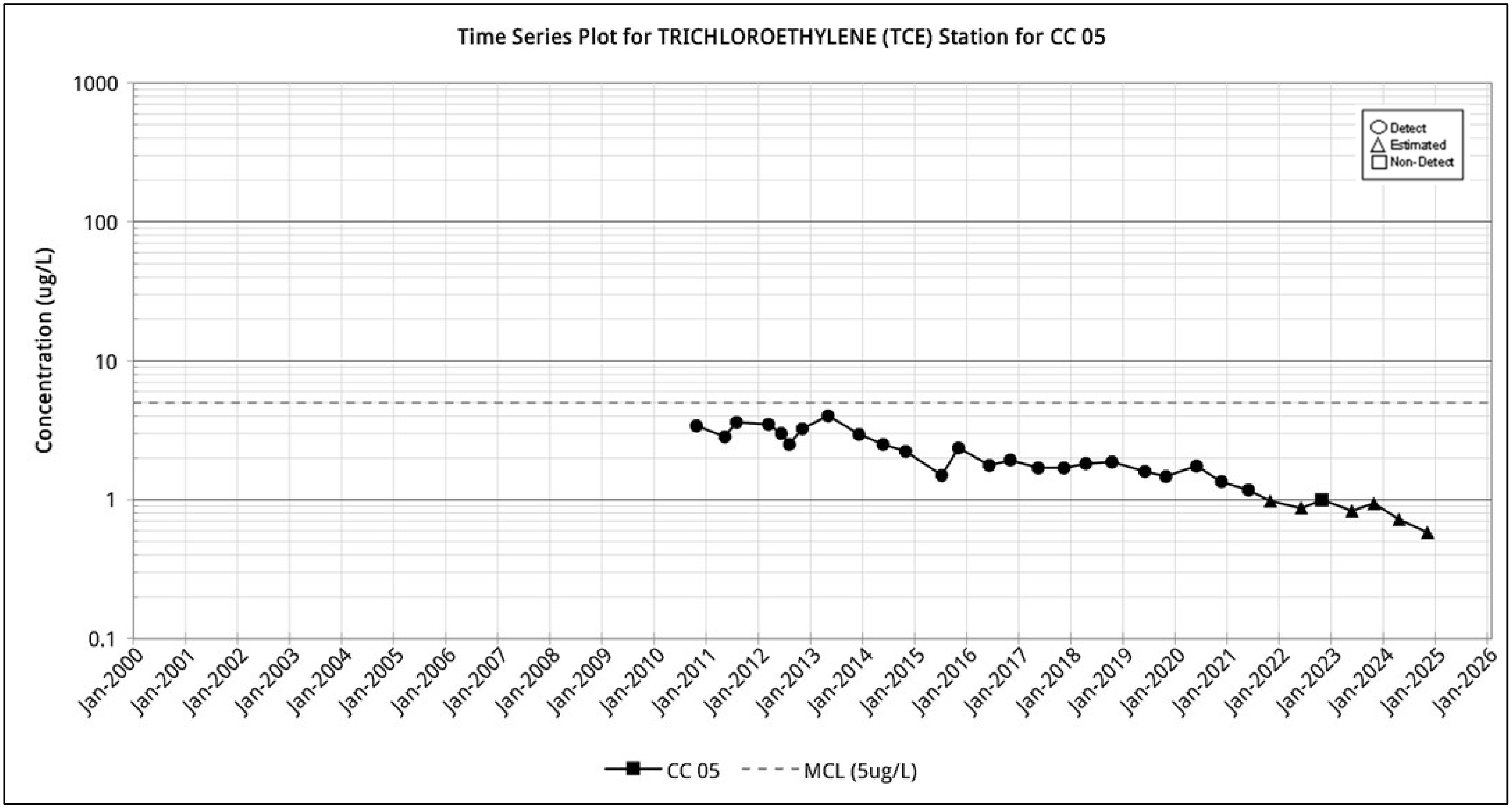

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 05
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CC 05
MCL (5ug/L)

Figure C-3

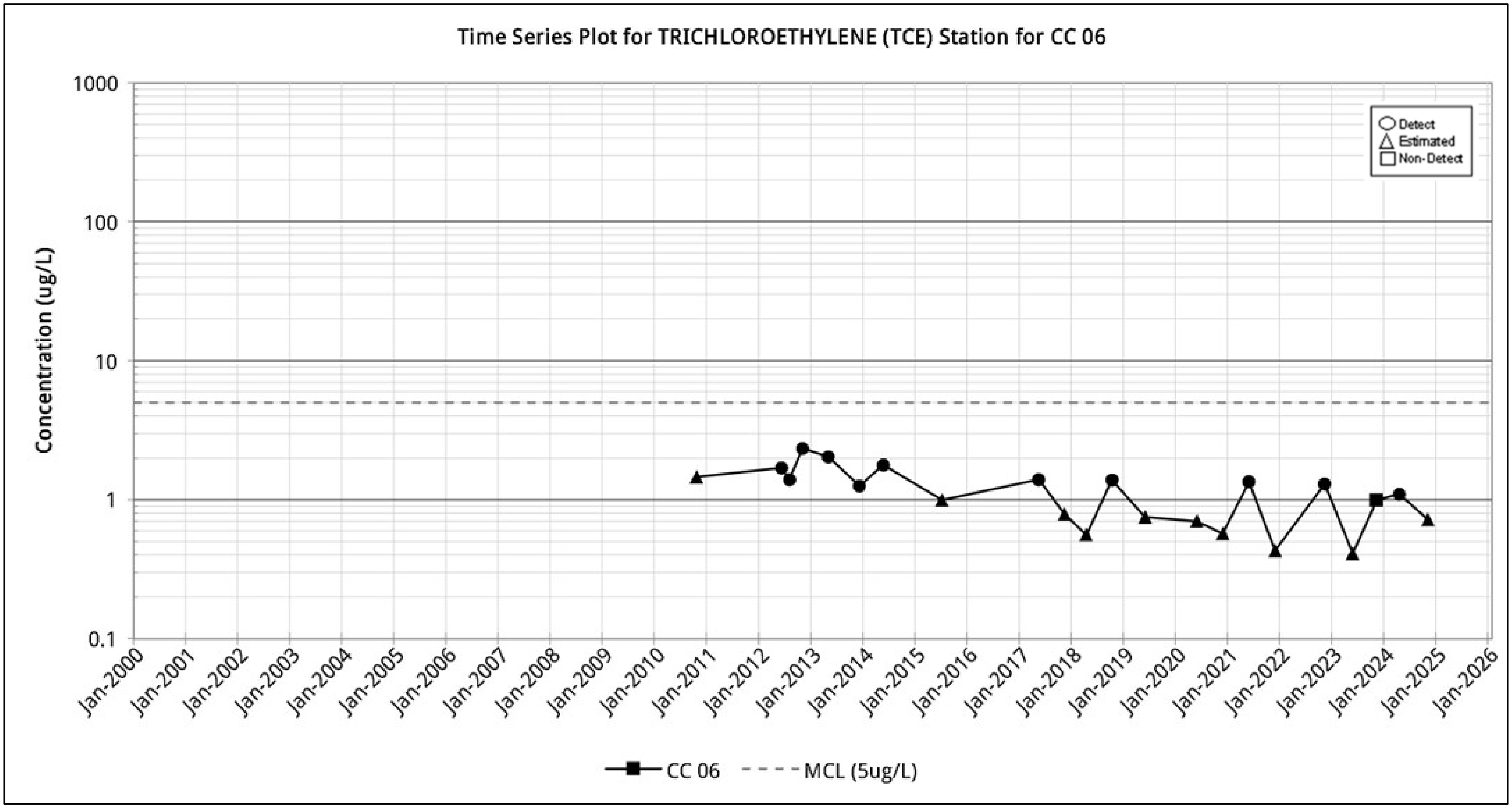

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 06
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CC 06
MCL (5ug/L)

Figure C-4

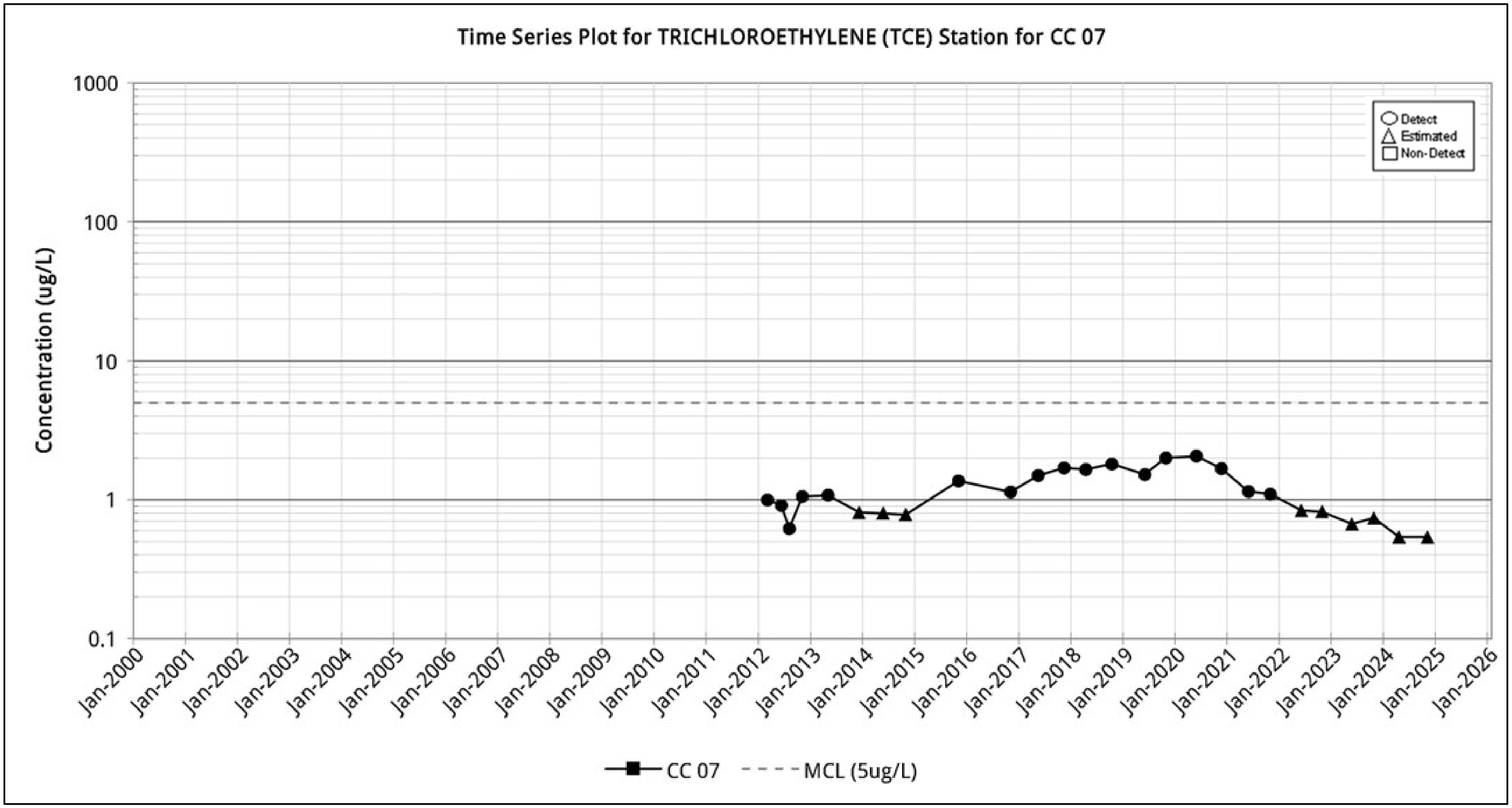

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 07
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CC 07
MCL (5ug/L)

Figure C-5

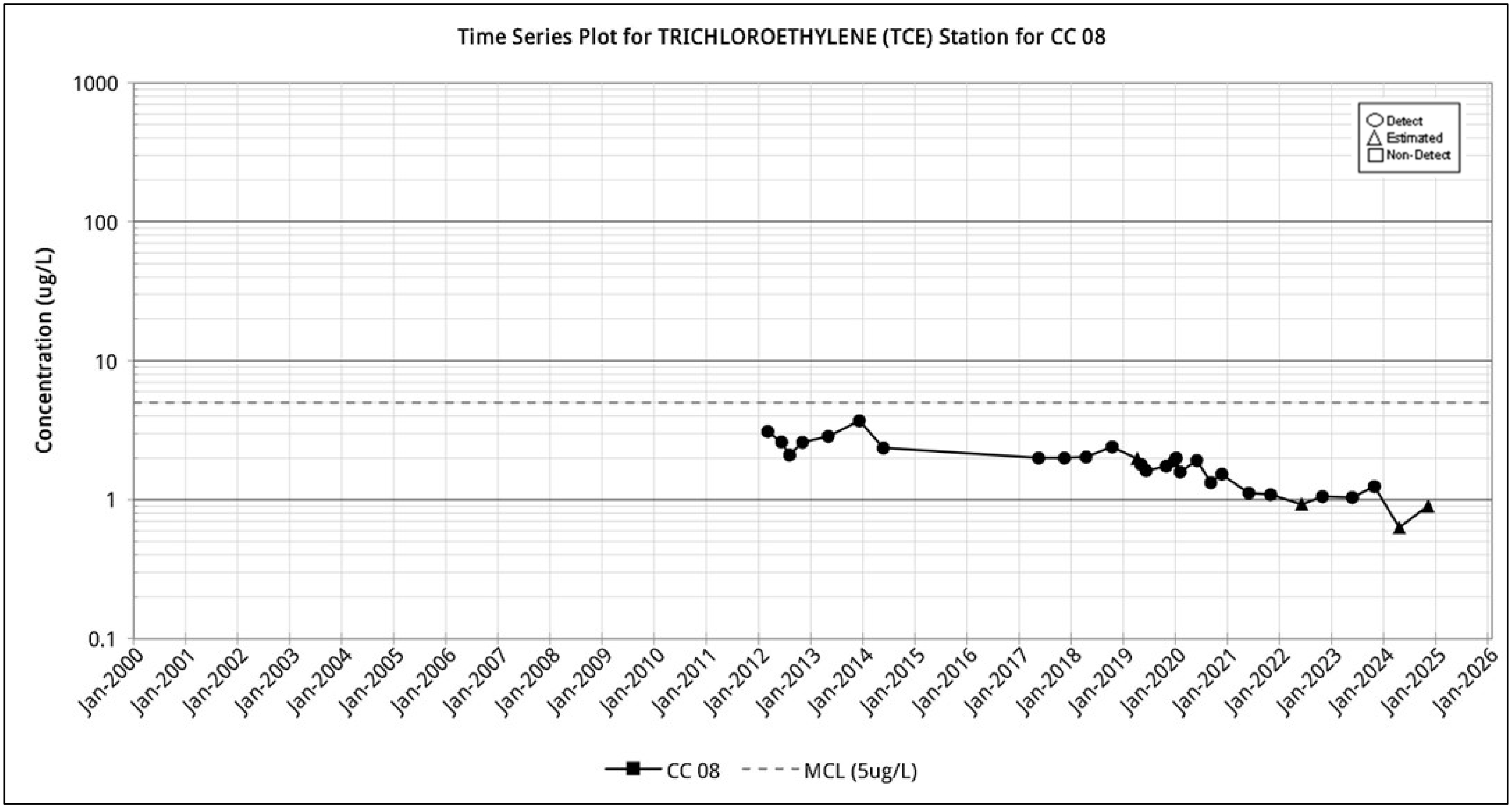

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CC 08
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CC 08
MCL (5ug/L)

Figure C-6

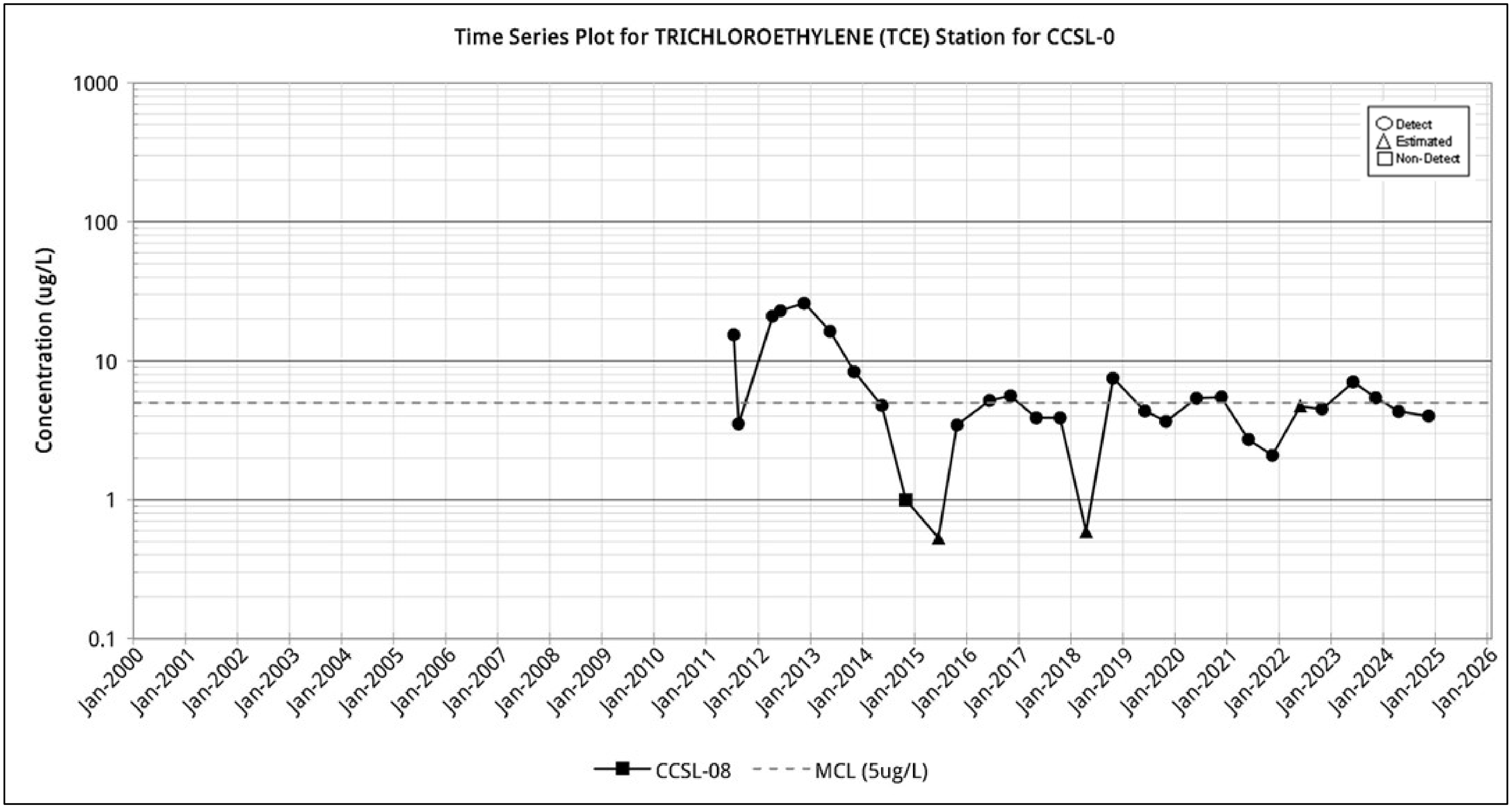

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-0
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCSL-08
MCL (5ug/L)

Figure C-7

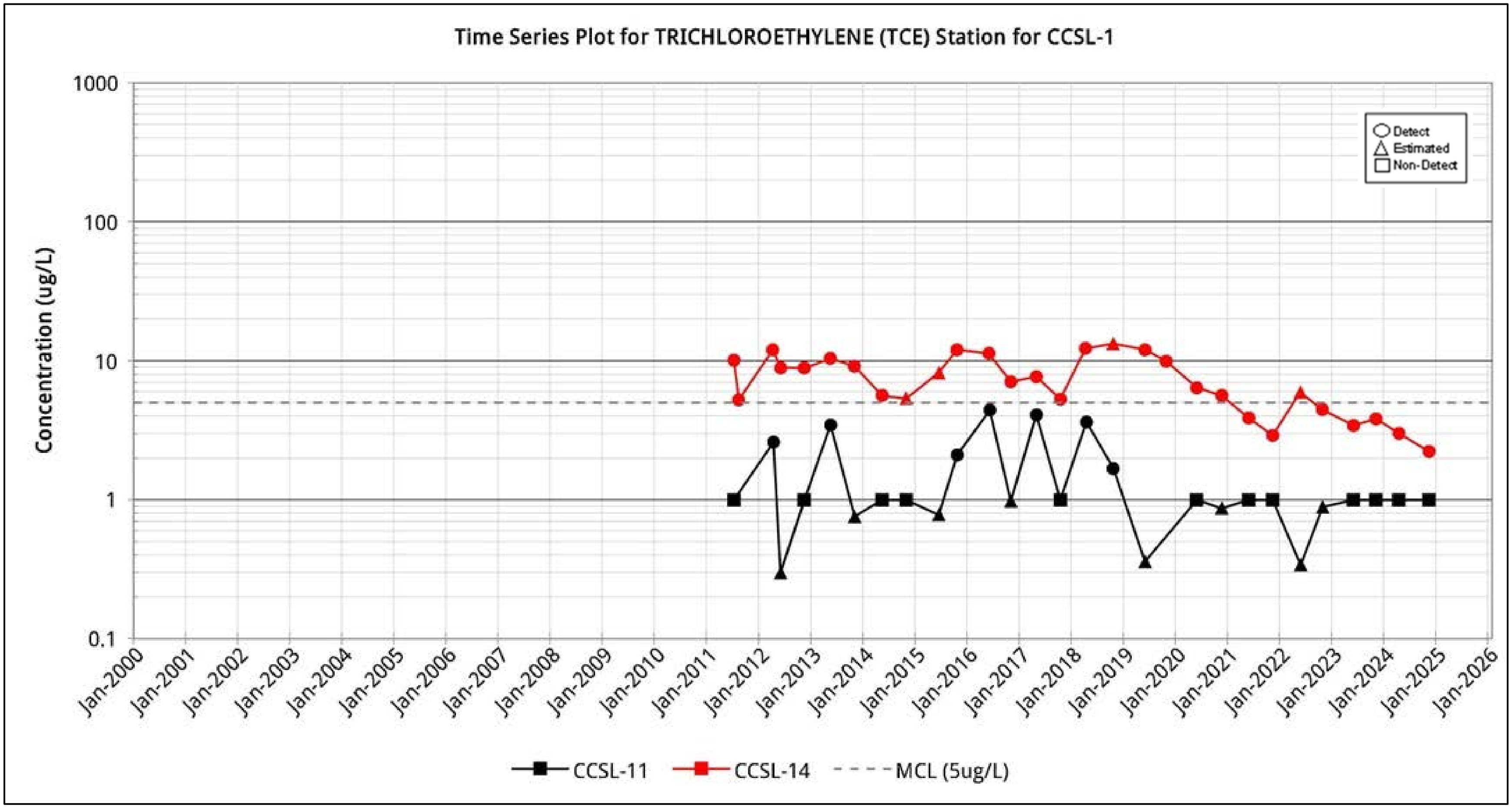

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-1
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCSL-11
CCSL-14
MCL (5ug/L)

Figure C-8

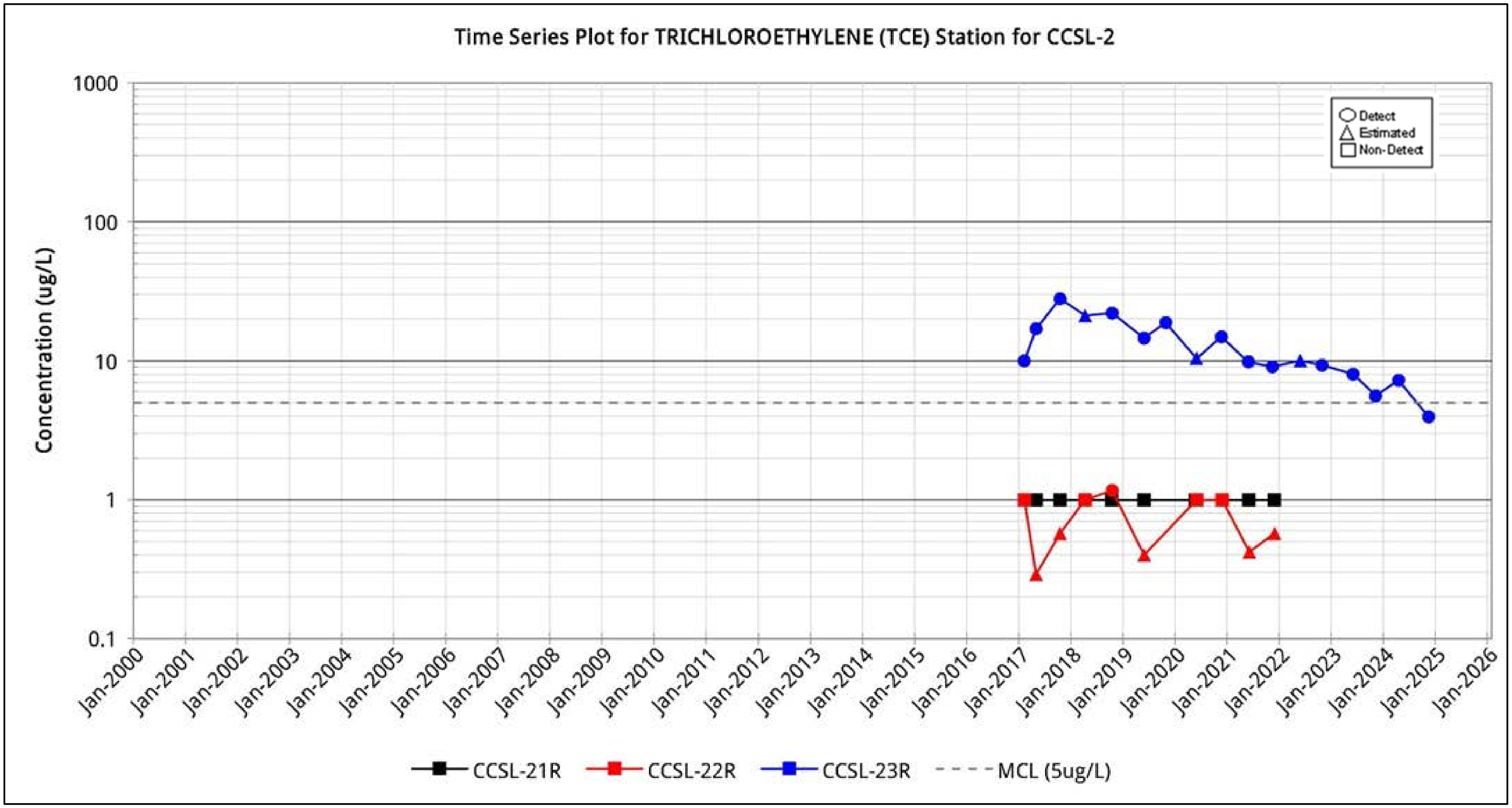

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCSL-2
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCSL-21R
CCSL-22R
CCSL-23R
MCL (5ug/L)

Figure C-9

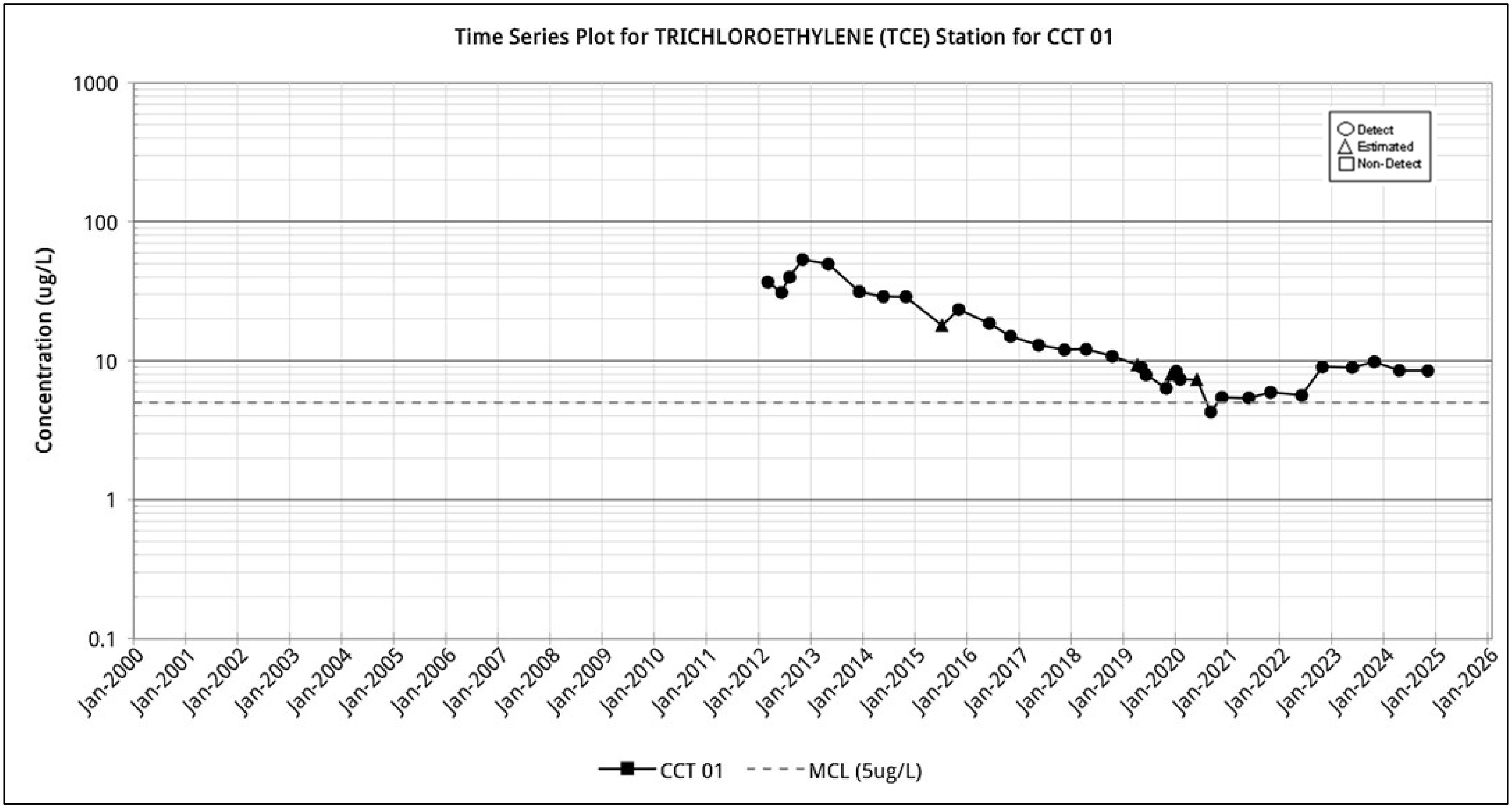

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCT 01
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCT 01
MCL (5ug/L)

Figure C-10

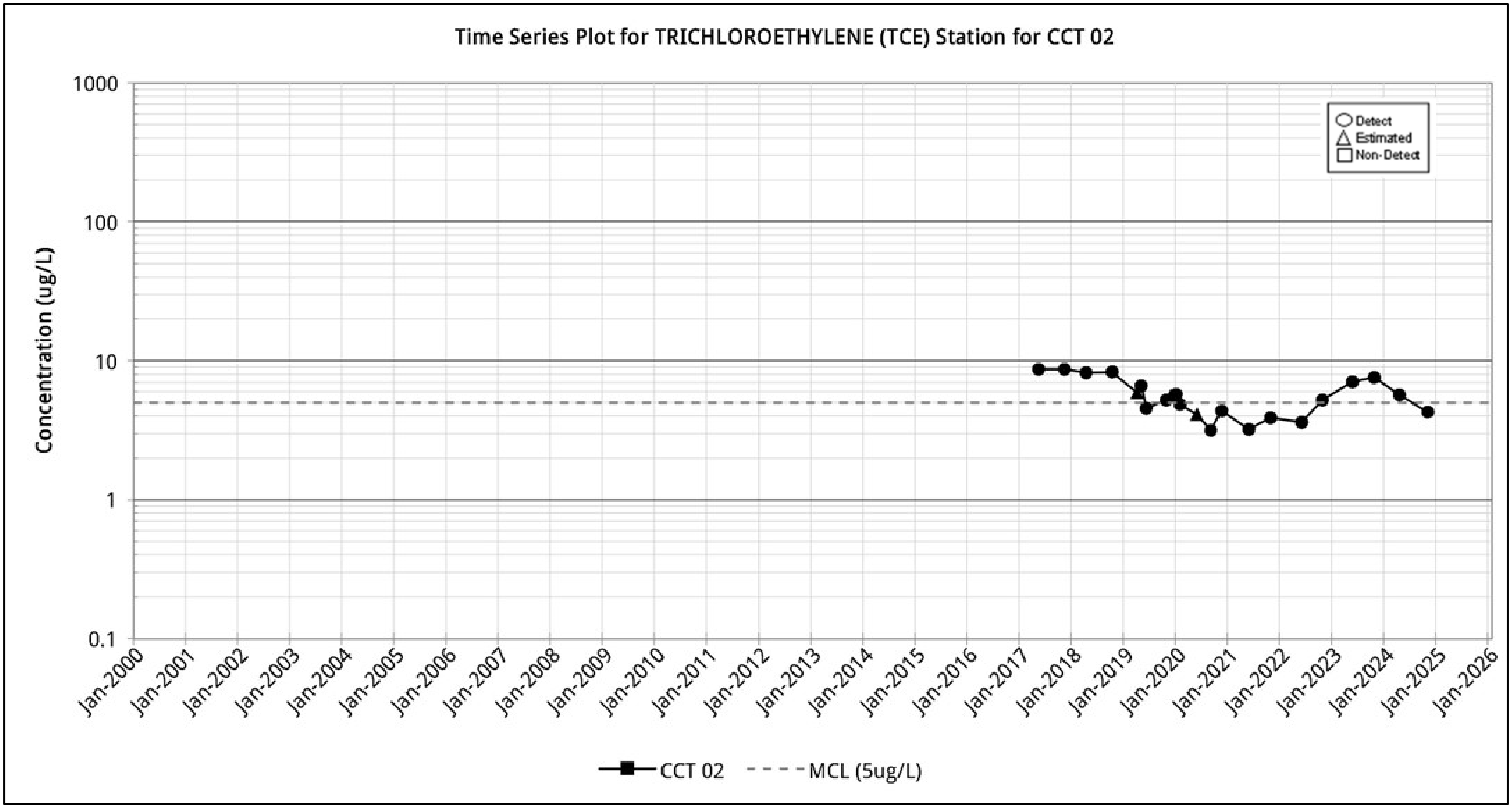
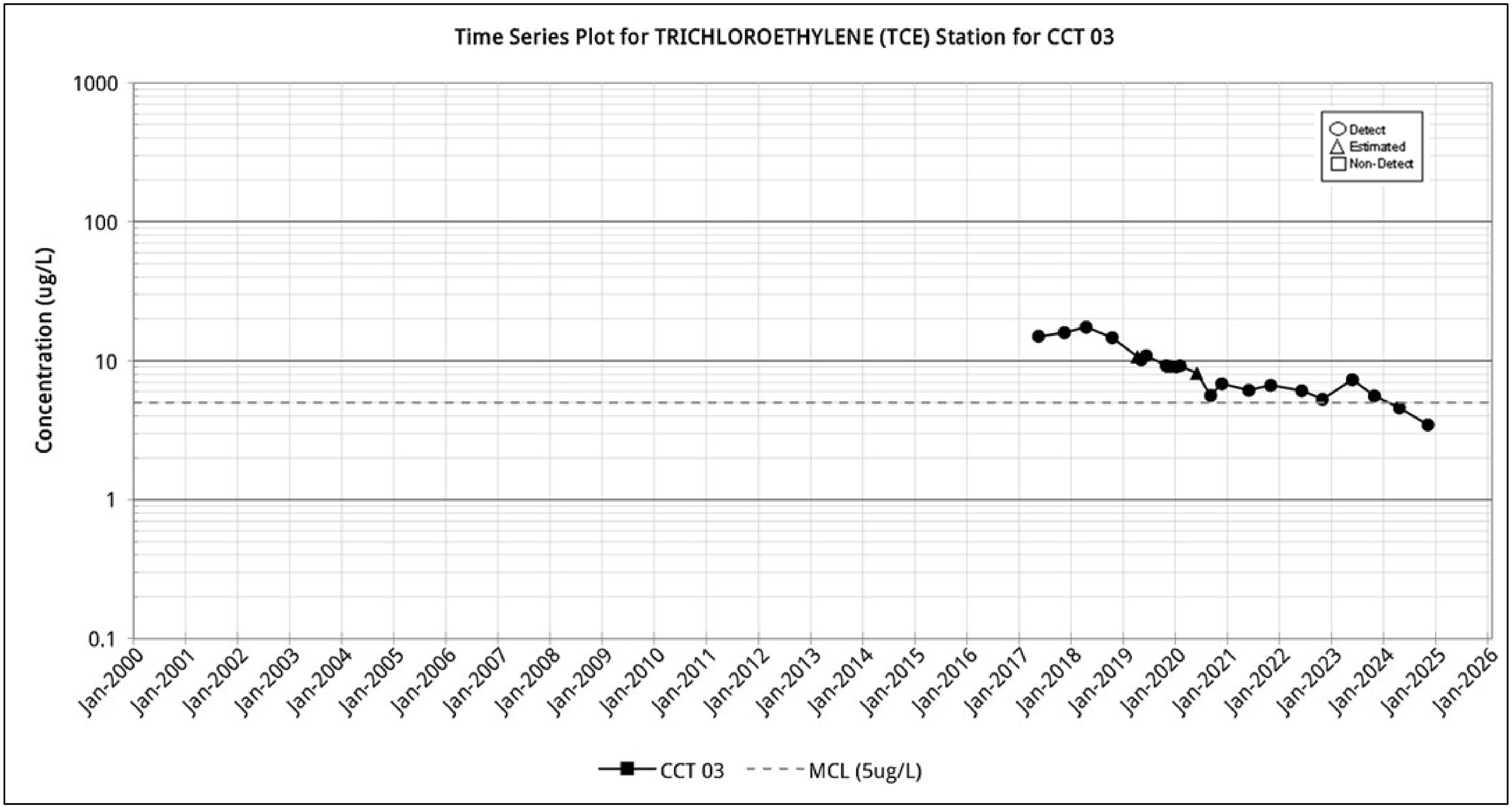

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CCT 02
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CCT 02
MCL (5ug/L)

Figure C-11


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
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCT 03
MCL (5ug/L)

Figure C-12

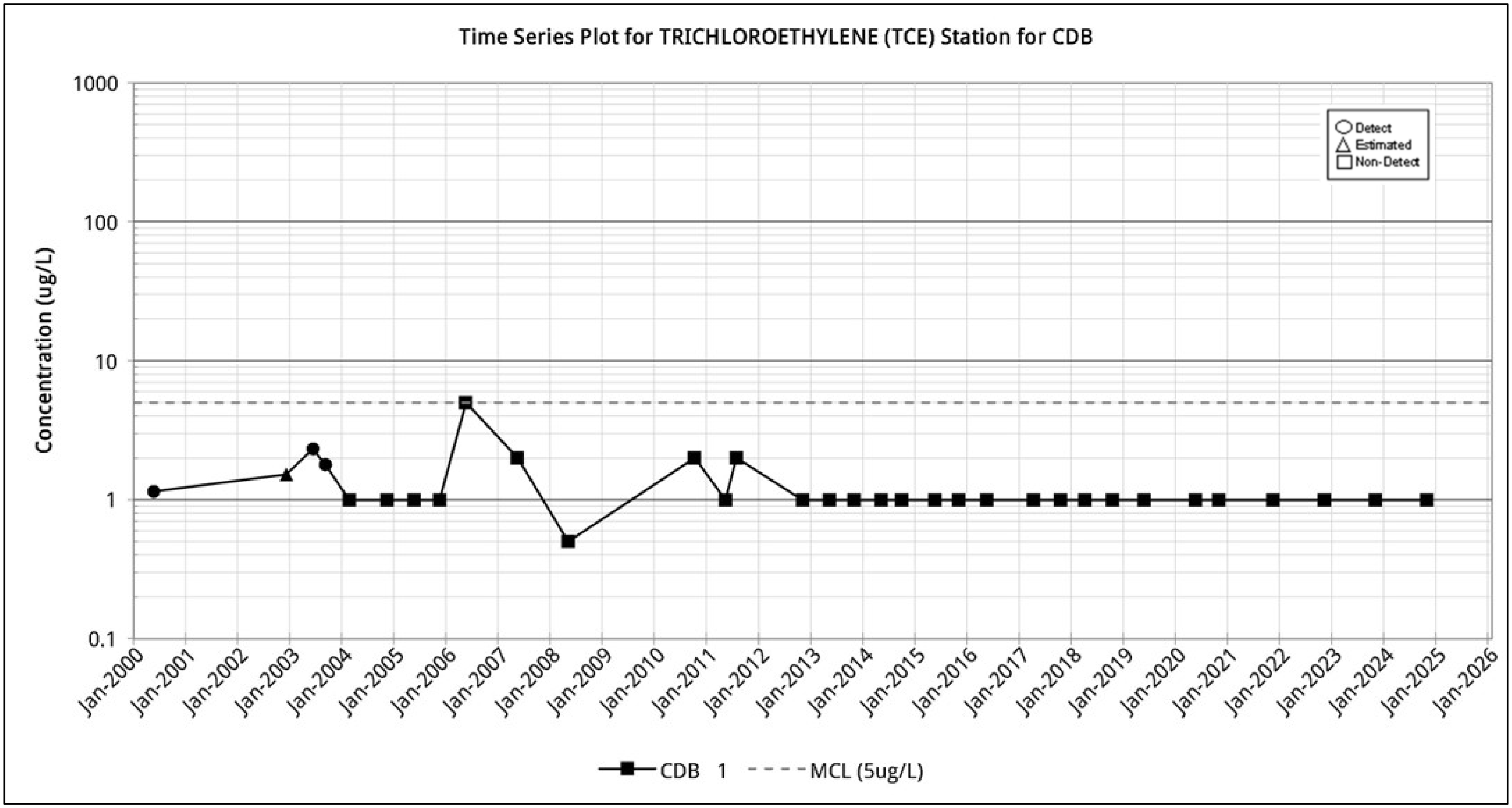

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CDB
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CDB 1
MCL (5ug/L)

Figure C-13

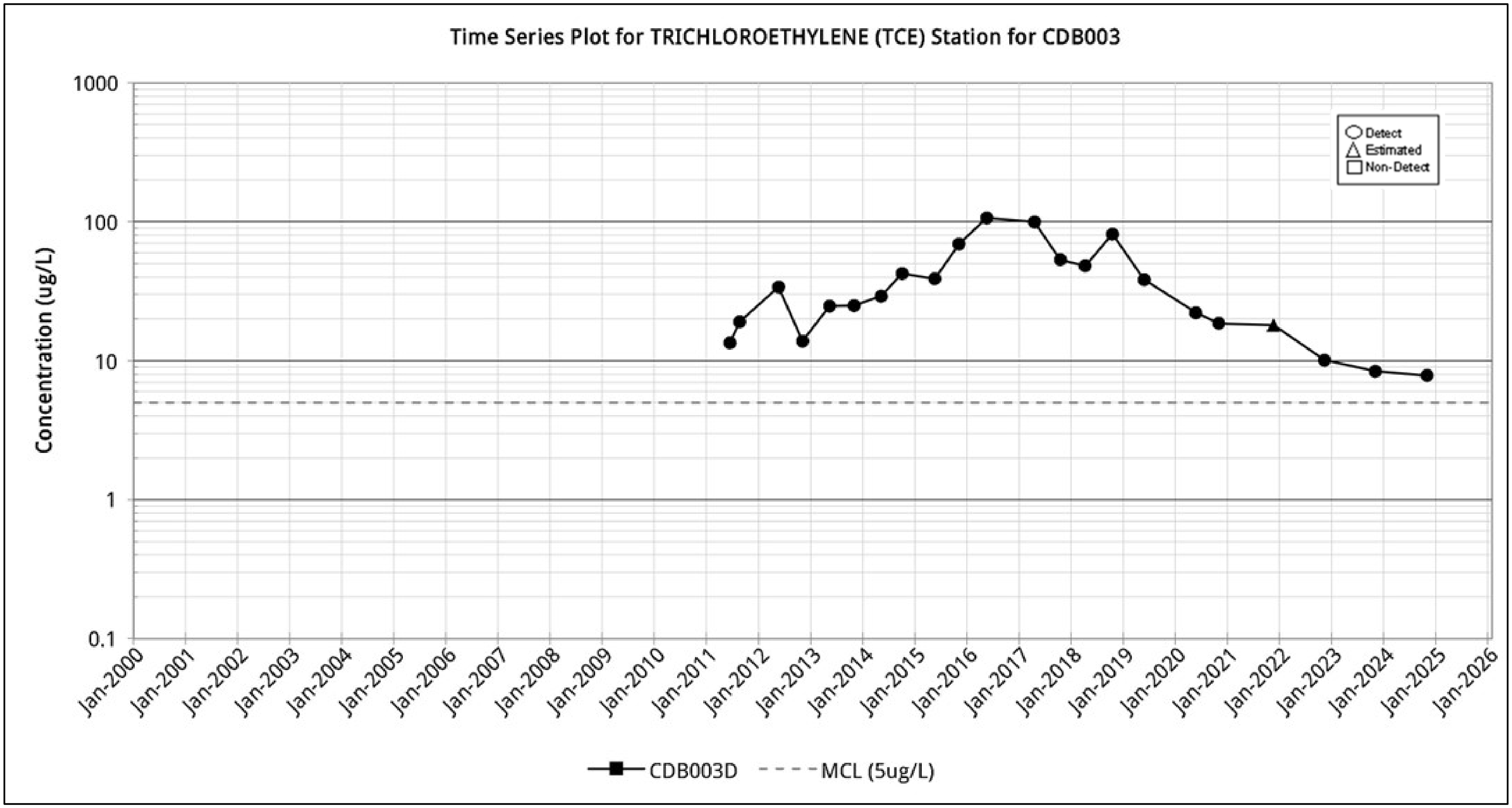

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CDB003
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CDB003D
MCL (5ug/L)

Figure C-14

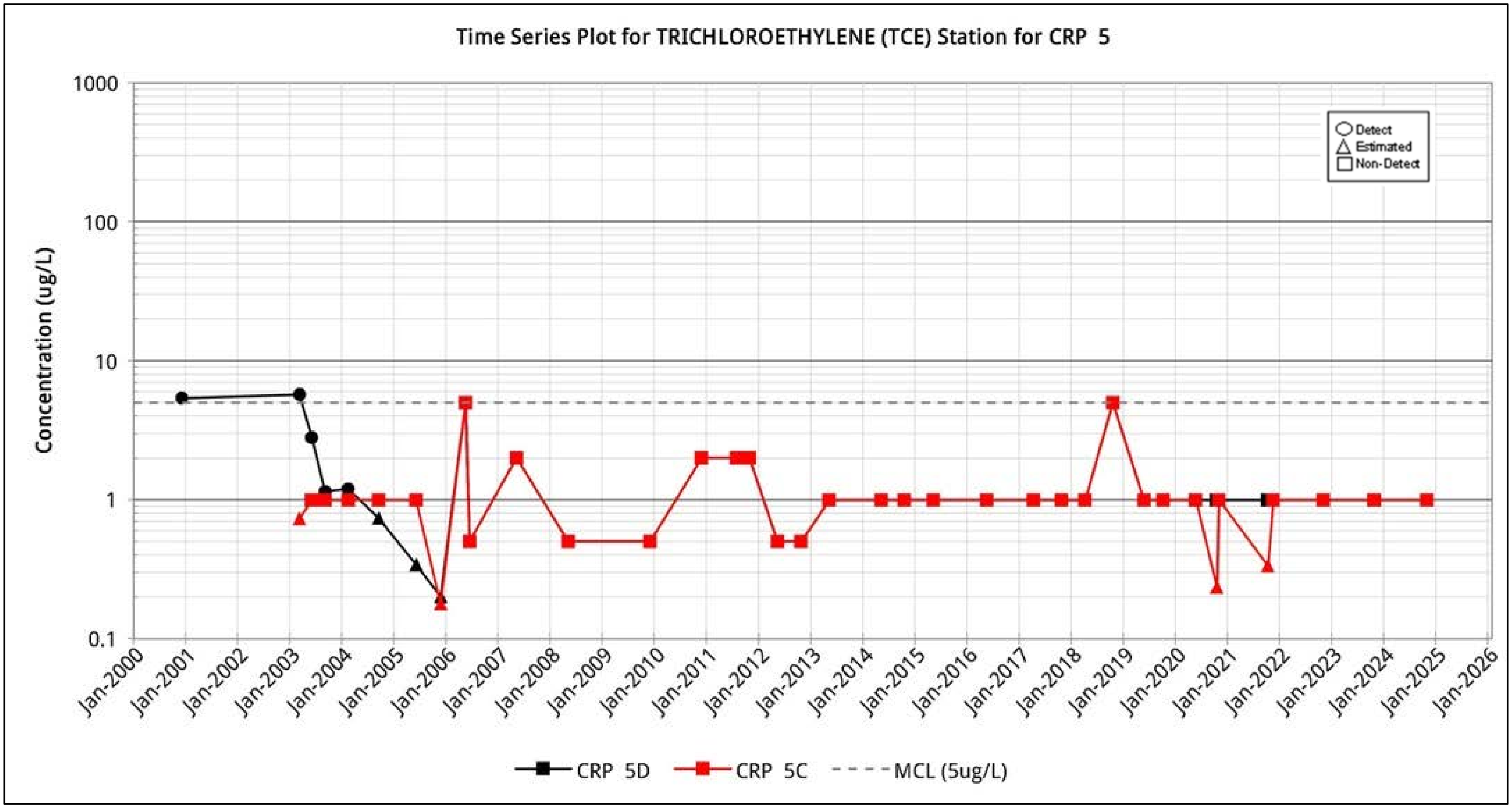

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRP 5
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRP 5D
CRP 5C
MCL (5ug/L)

Figure C-15

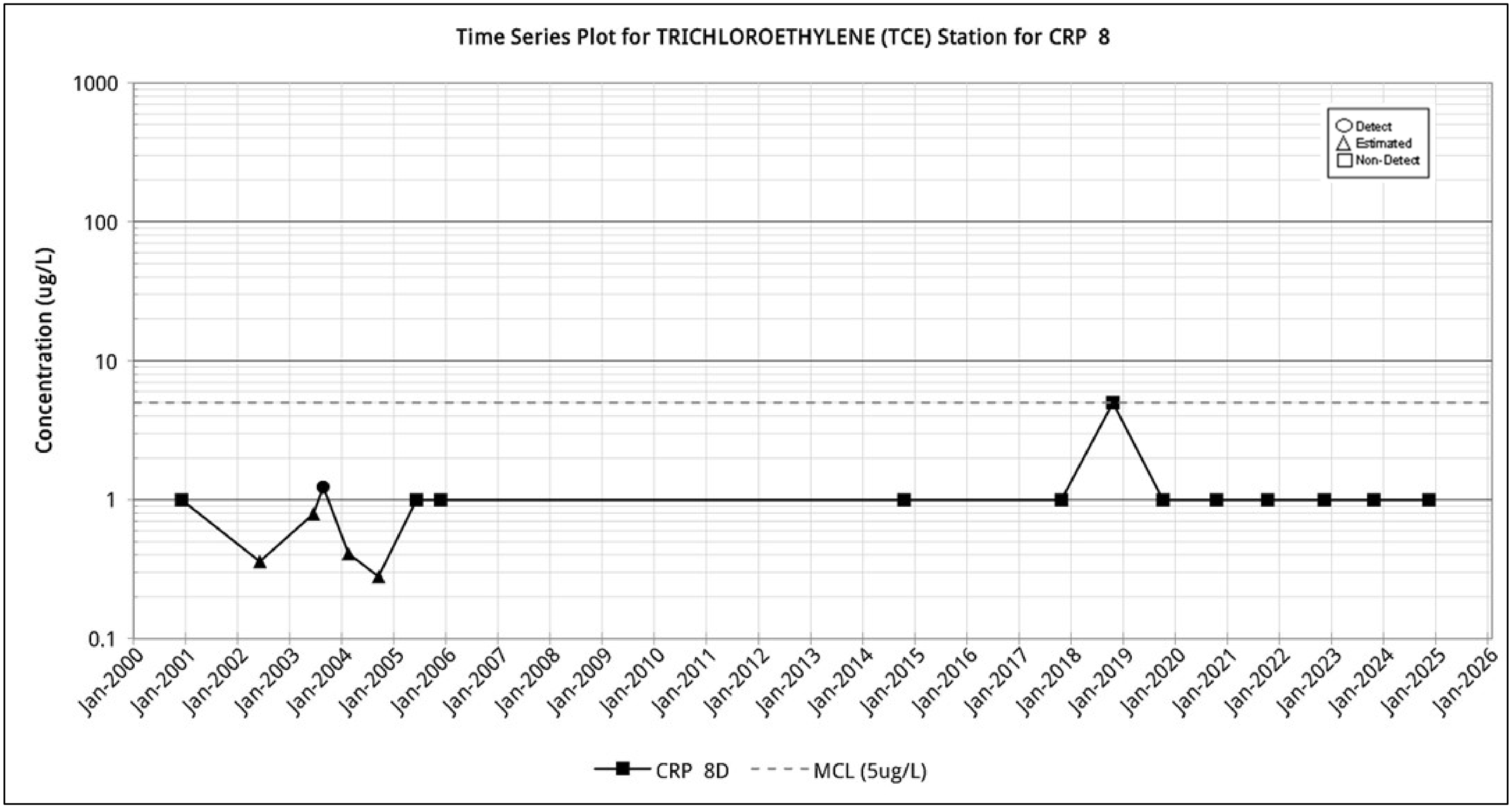

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRP 8
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRP 8D
MCL (5ug/L)

Figure C-16

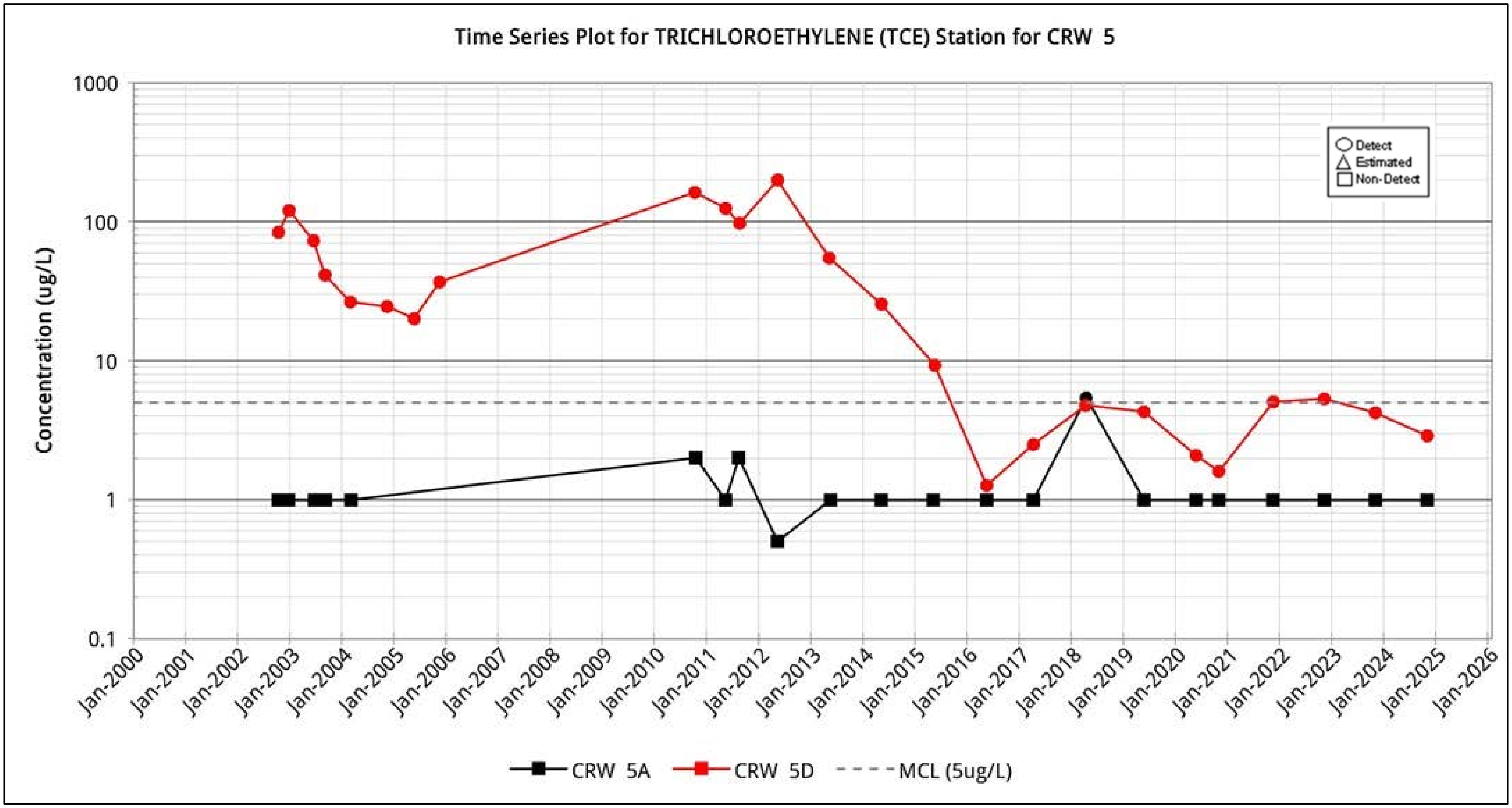

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW 5
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW 5A
CRW 5D
MCL (5ug/L)

Figure C-17

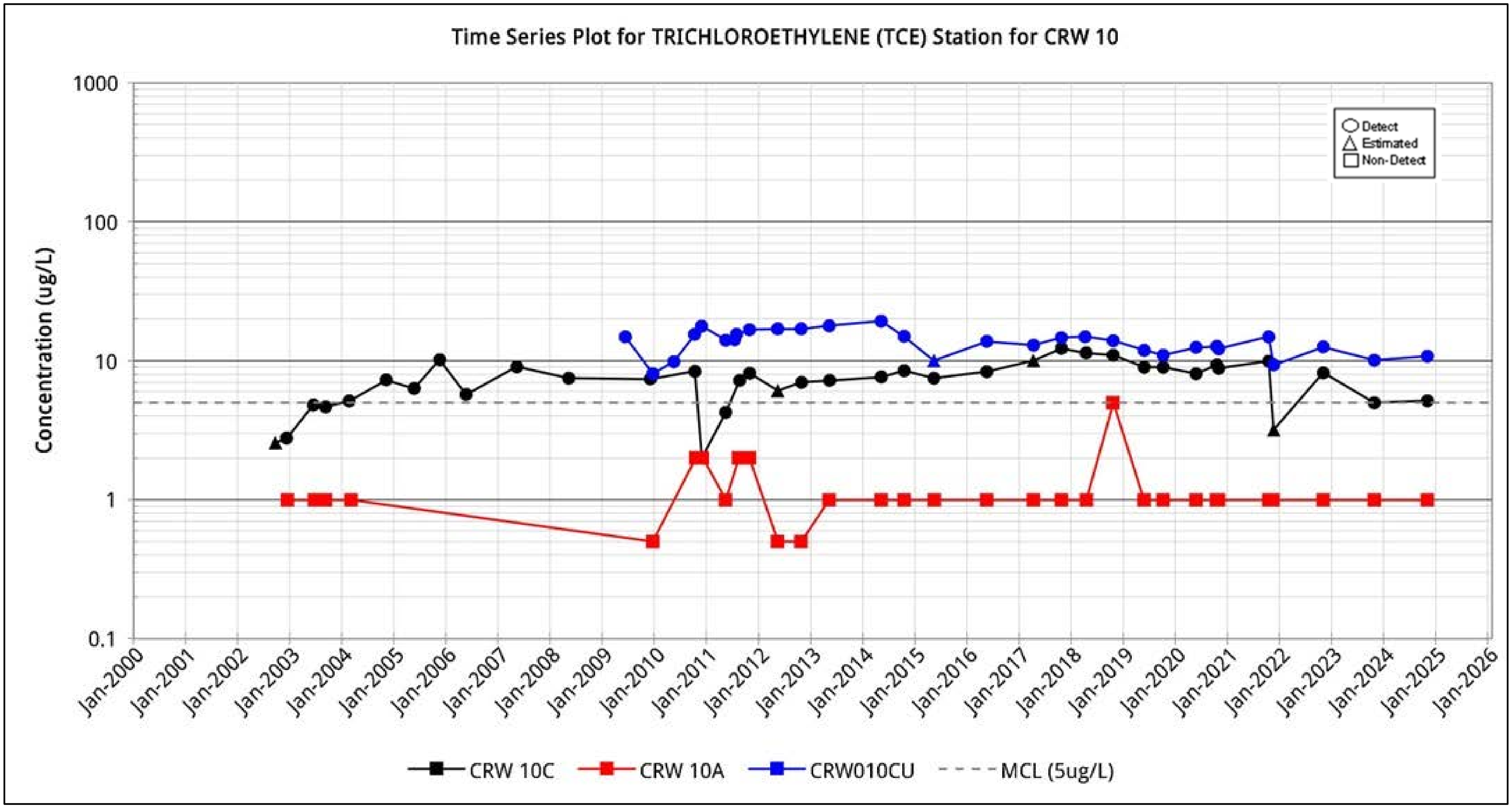

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW 10
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW 10C
CRW 10A
CRW010CU
MCL (5ug/L)

Figure C-18

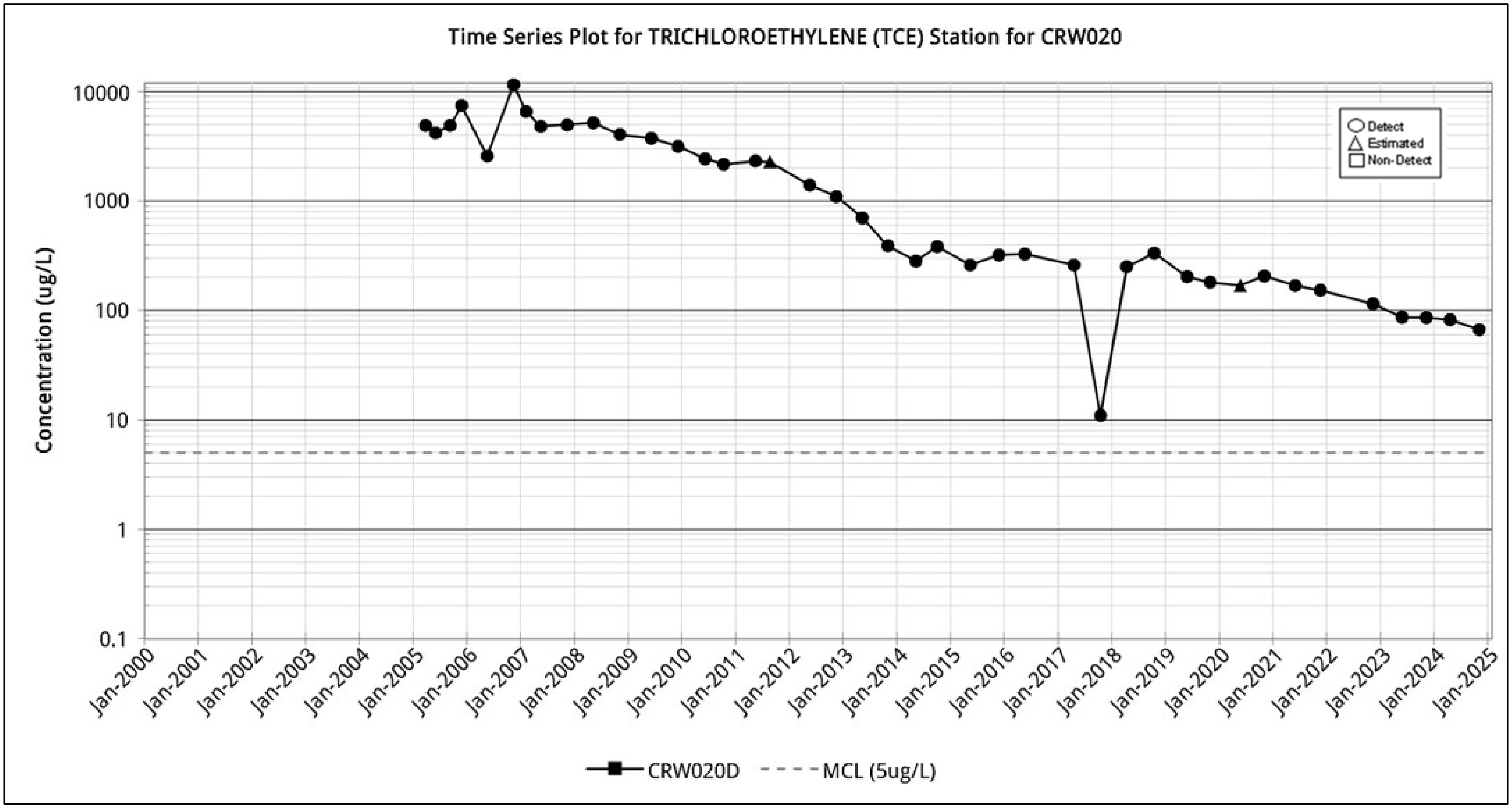

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW020
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Detect
Estimated
Non-Detect
CRW020D
MCL (5ug/L)

Figure C-19

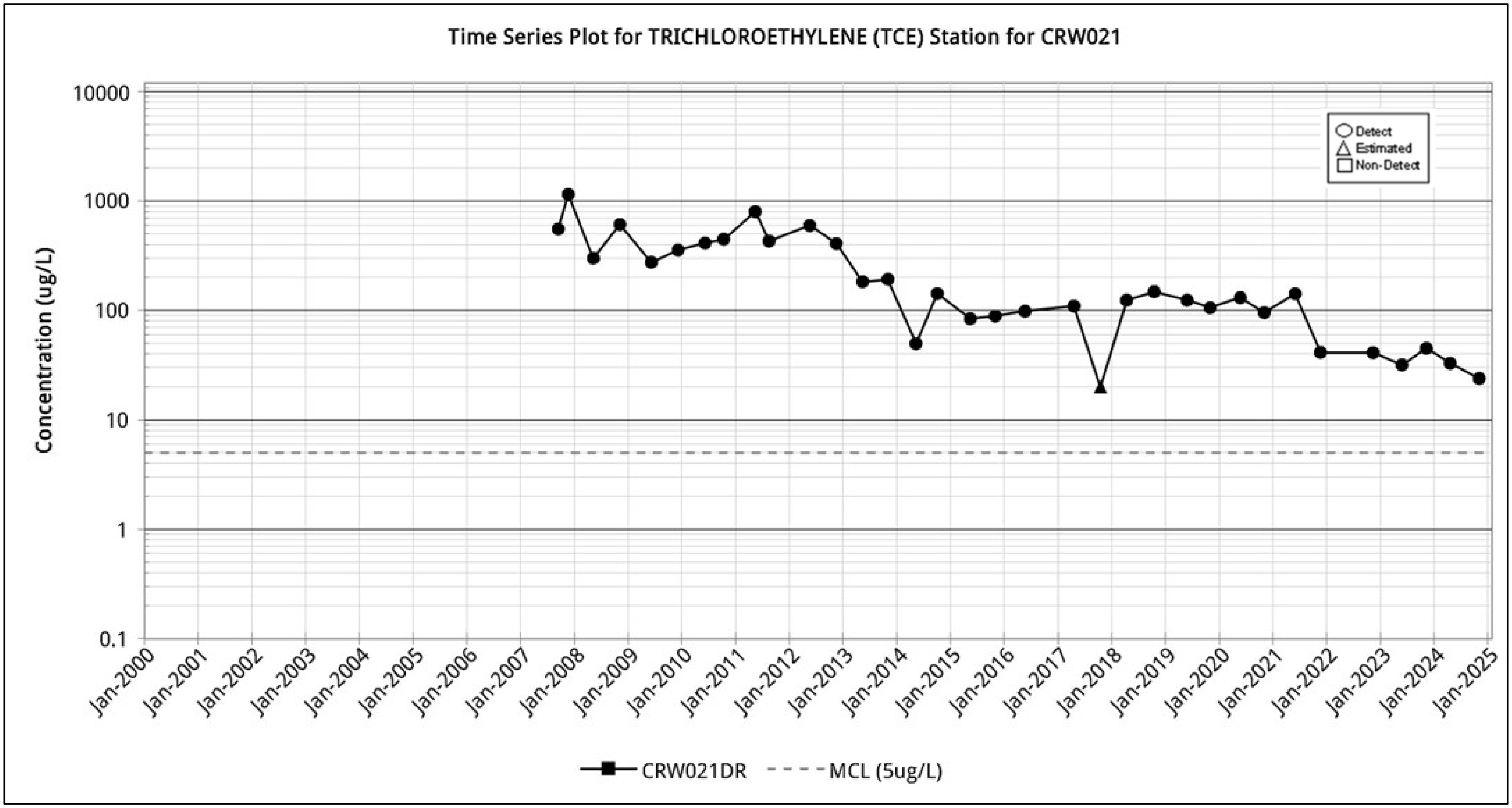

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW021
Concentration (ug/L)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW021DR
MCL (5ug/L)

Figure C-20

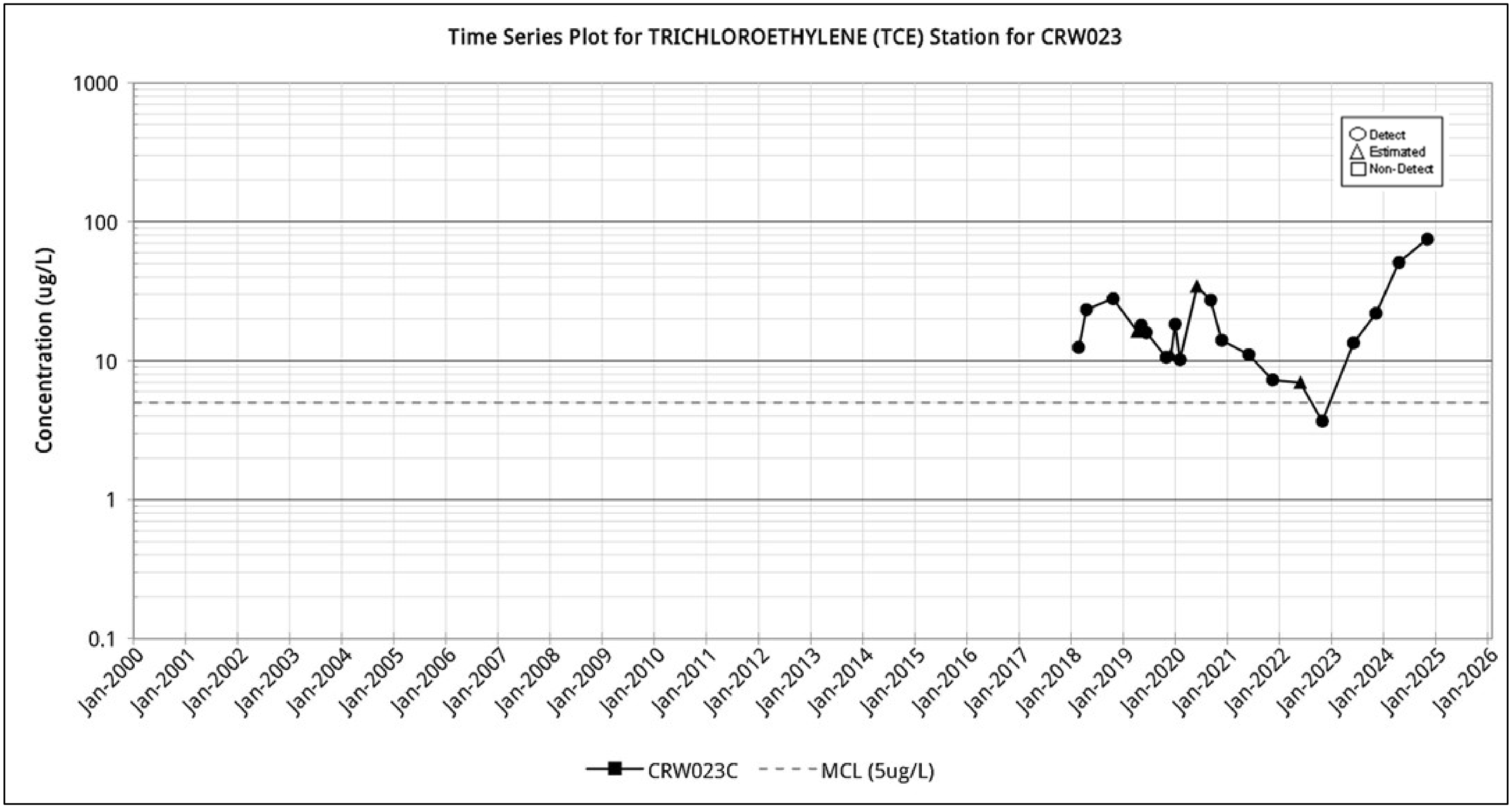

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW023
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW023C
MCL (5ug/L)

Figure C-21

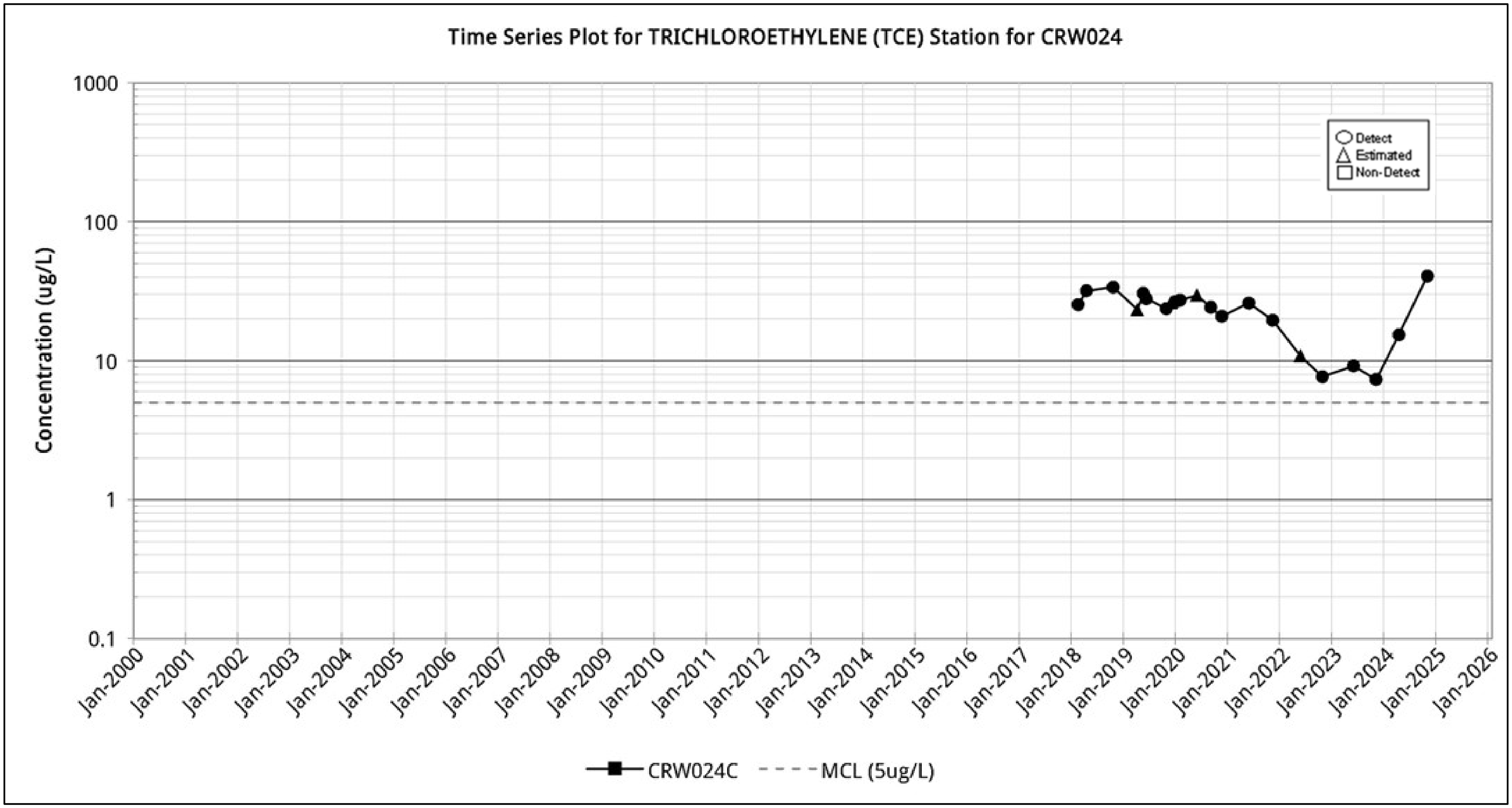

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW024
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW024C
MCL (5ug/L)

Figure C-22

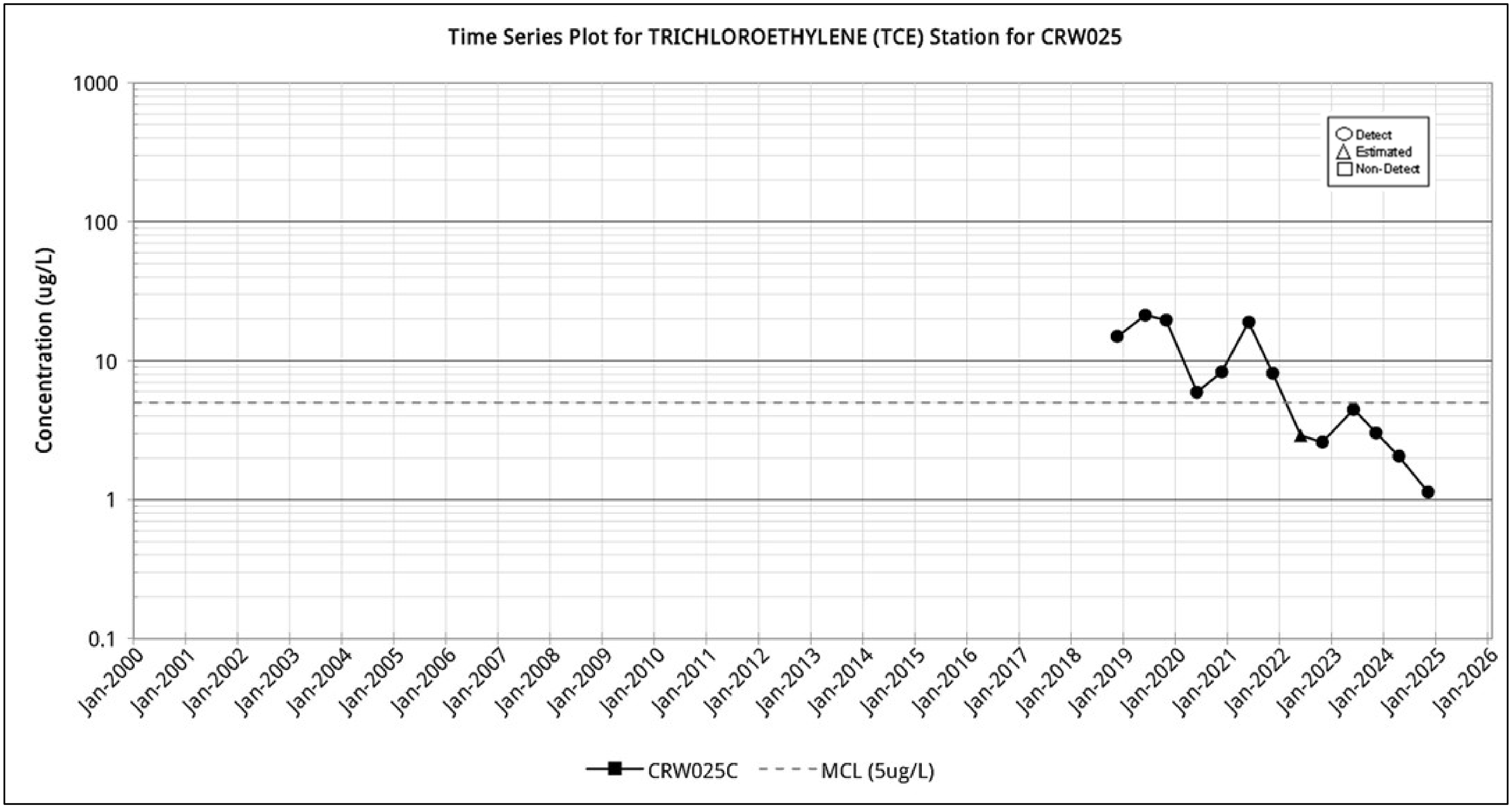

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW025
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW025C
MCL (5ug/L)

Figure C-23

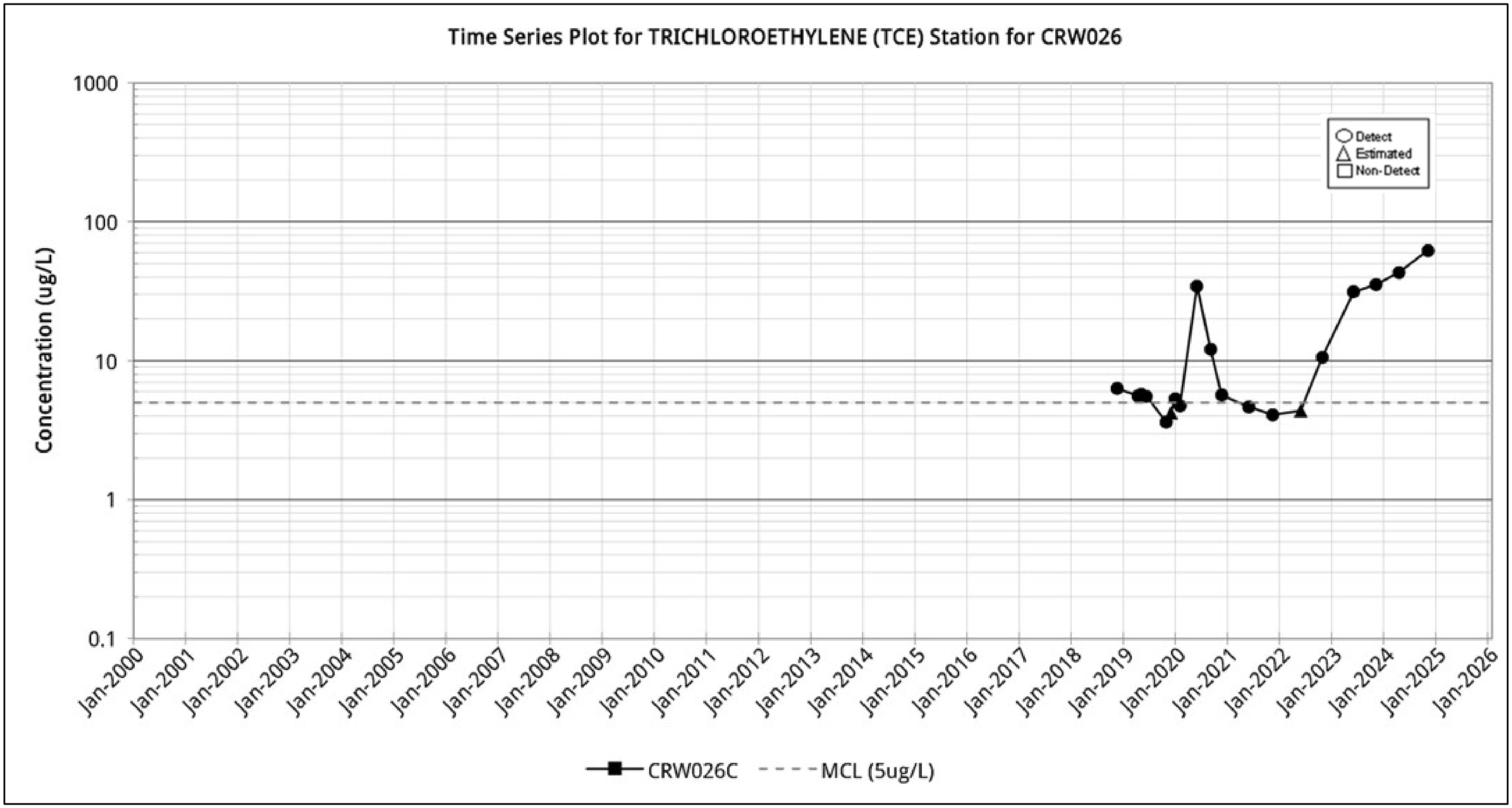

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW026
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW026C
MCL (5ug/L)

Figure C-24

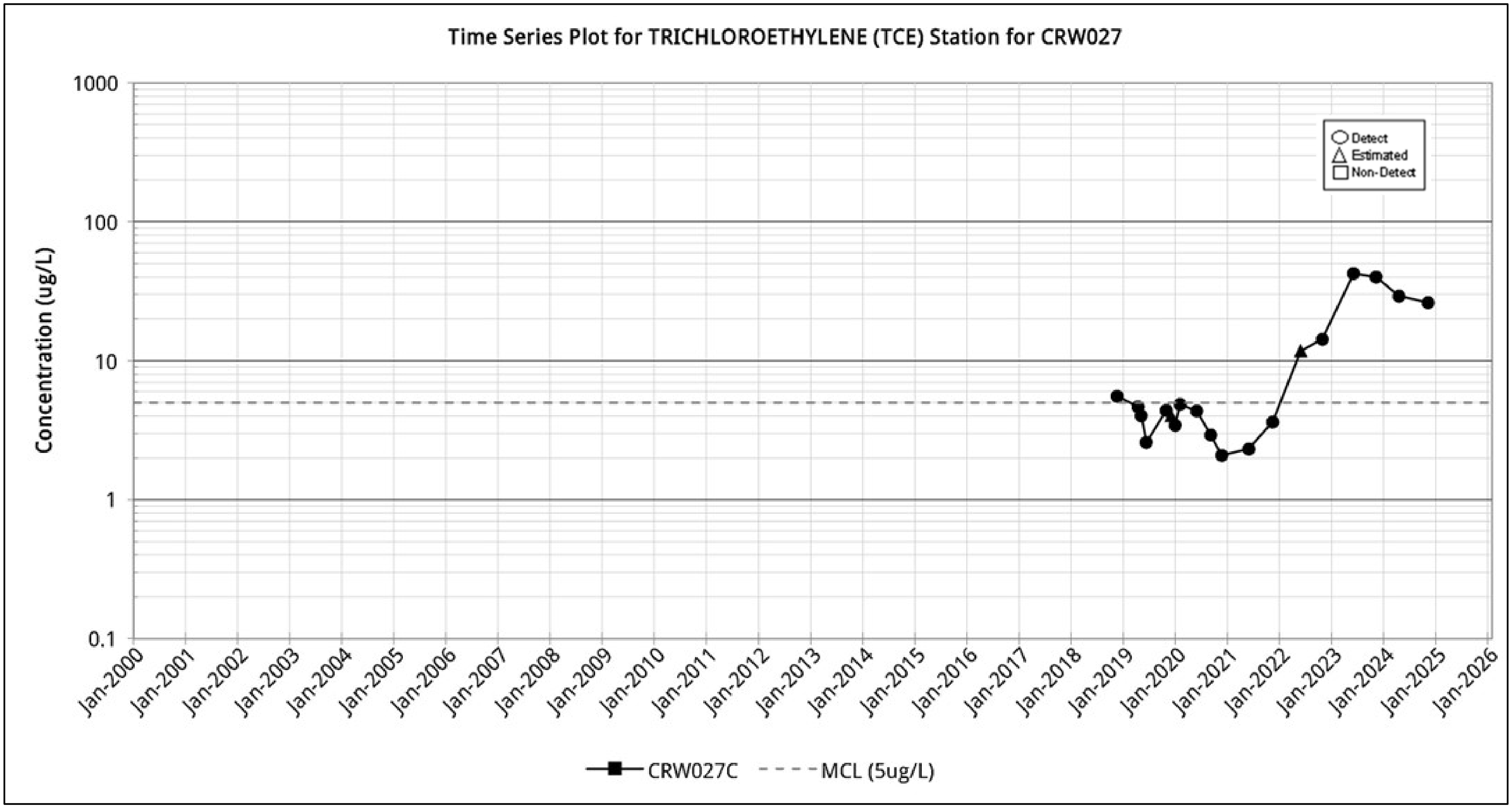

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW027
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW027C
MCL (5ug/L)

Figure C-25

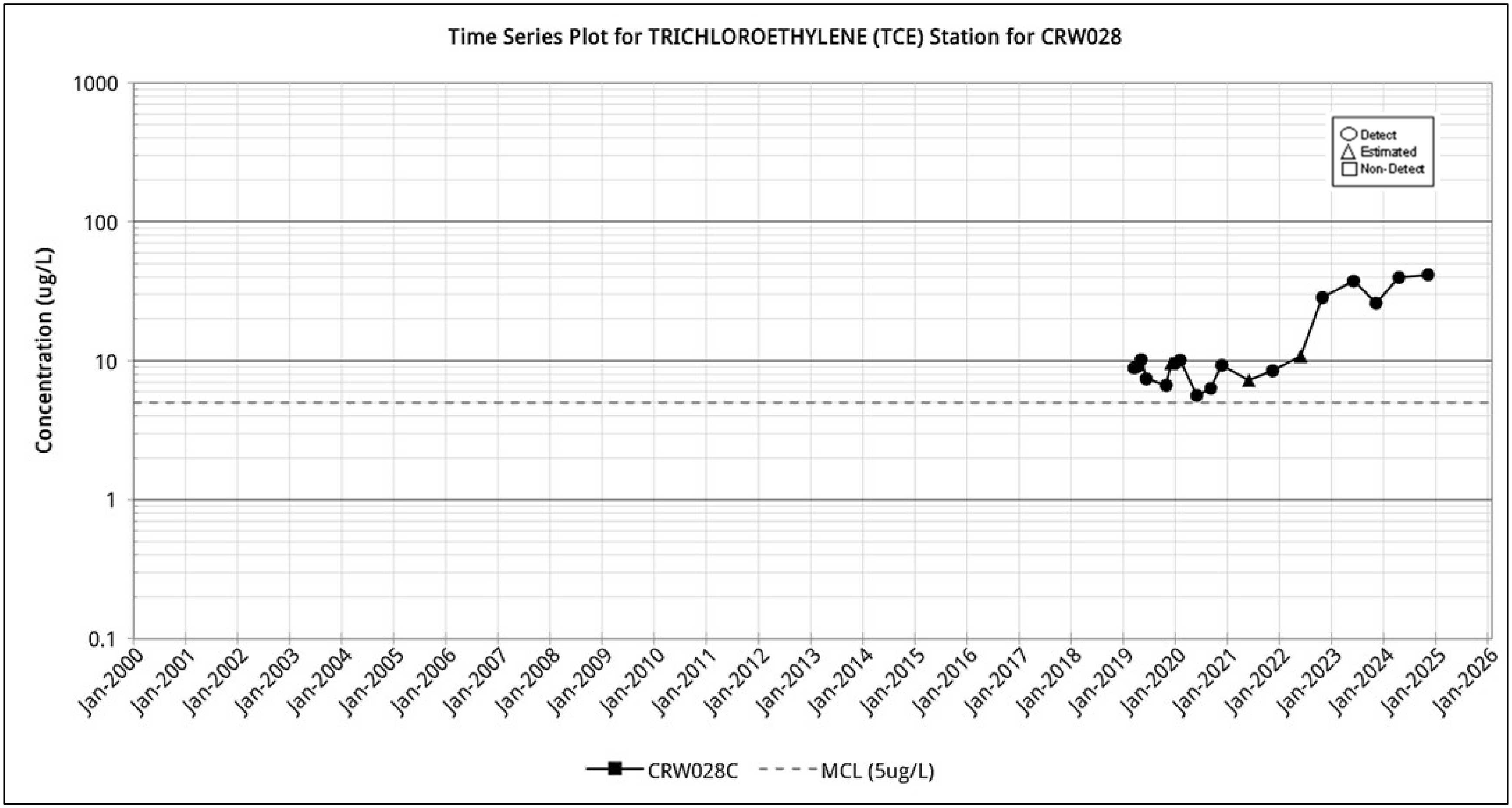

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW028
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW028C
MCL (5ug/L)

Figure C-26

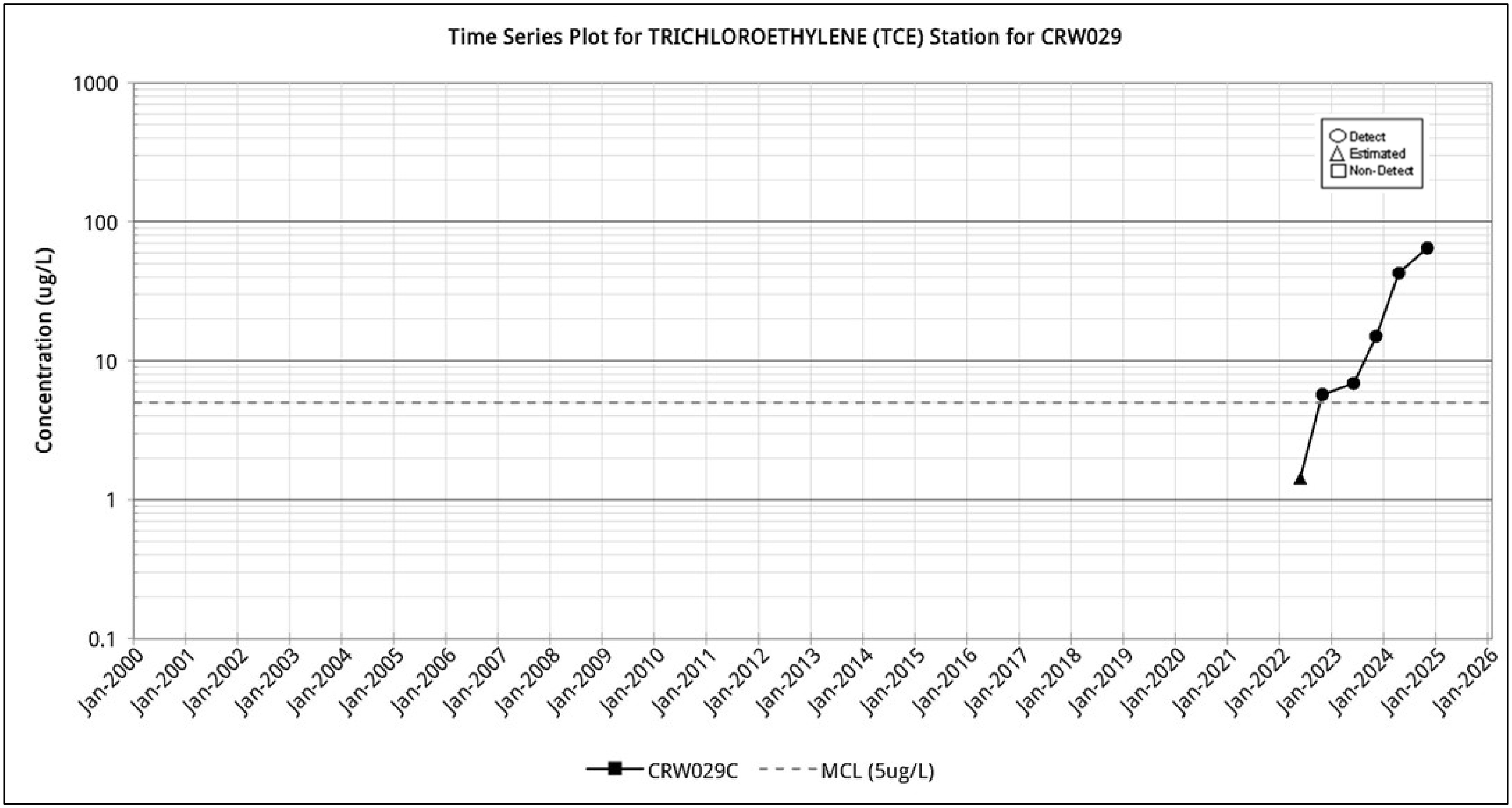

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW029
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW029C
MCL (5ug/L)

Figure C-27

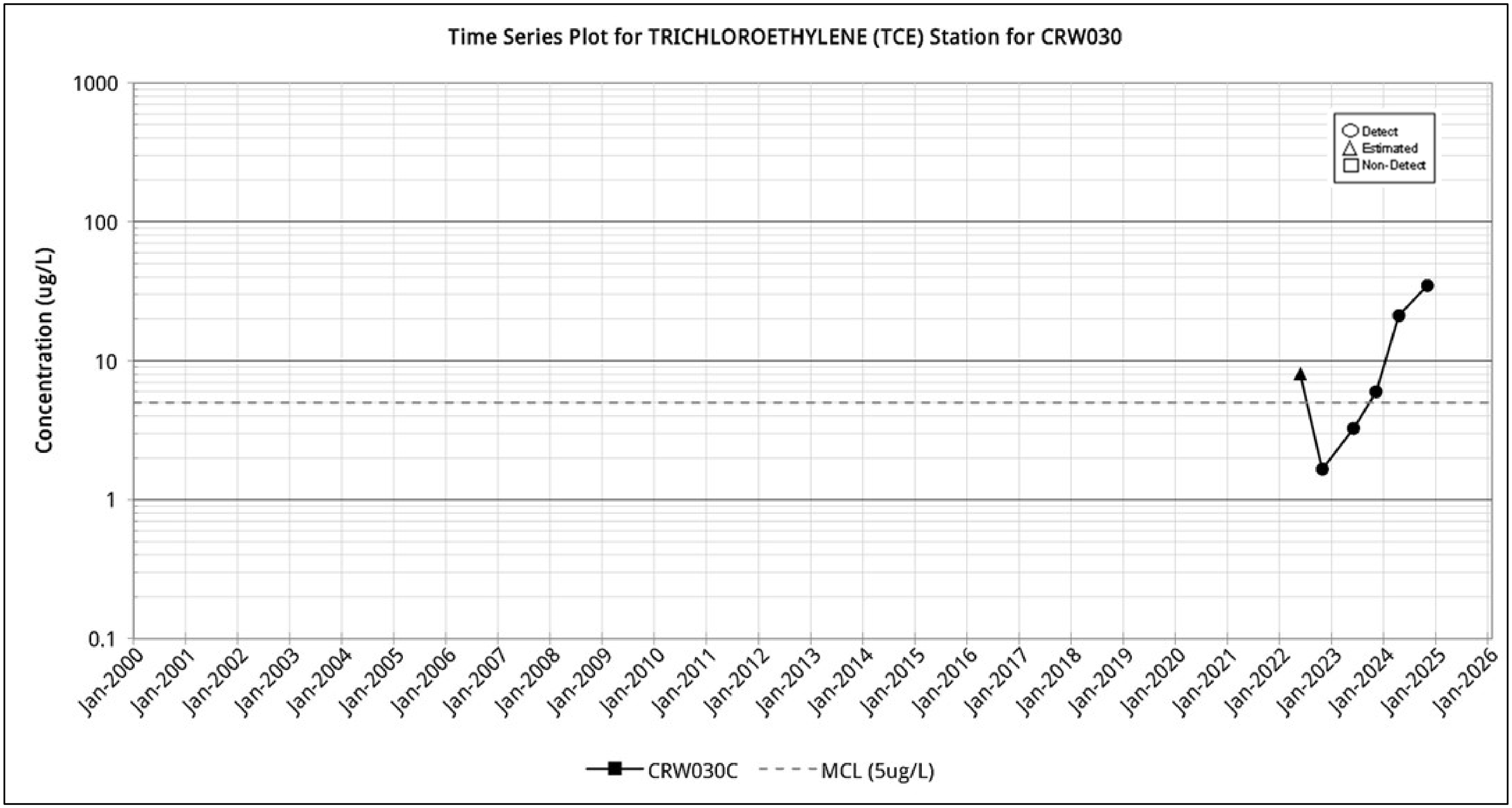

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CRW030
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW030C
MCL (5ug/L)

Figure C-28

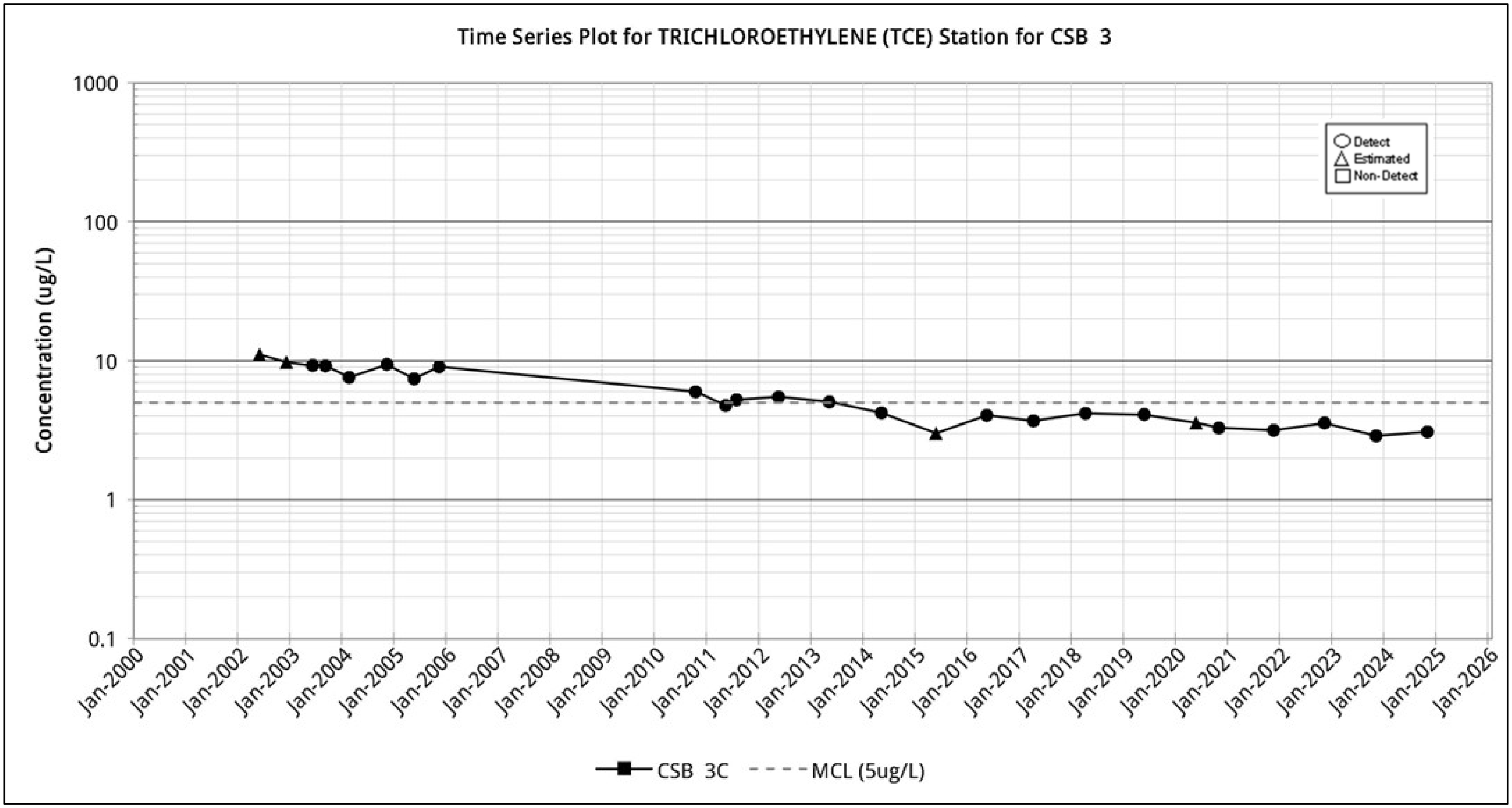

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB 3
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB 3C
MCL (5ug/L)

Figure C-29

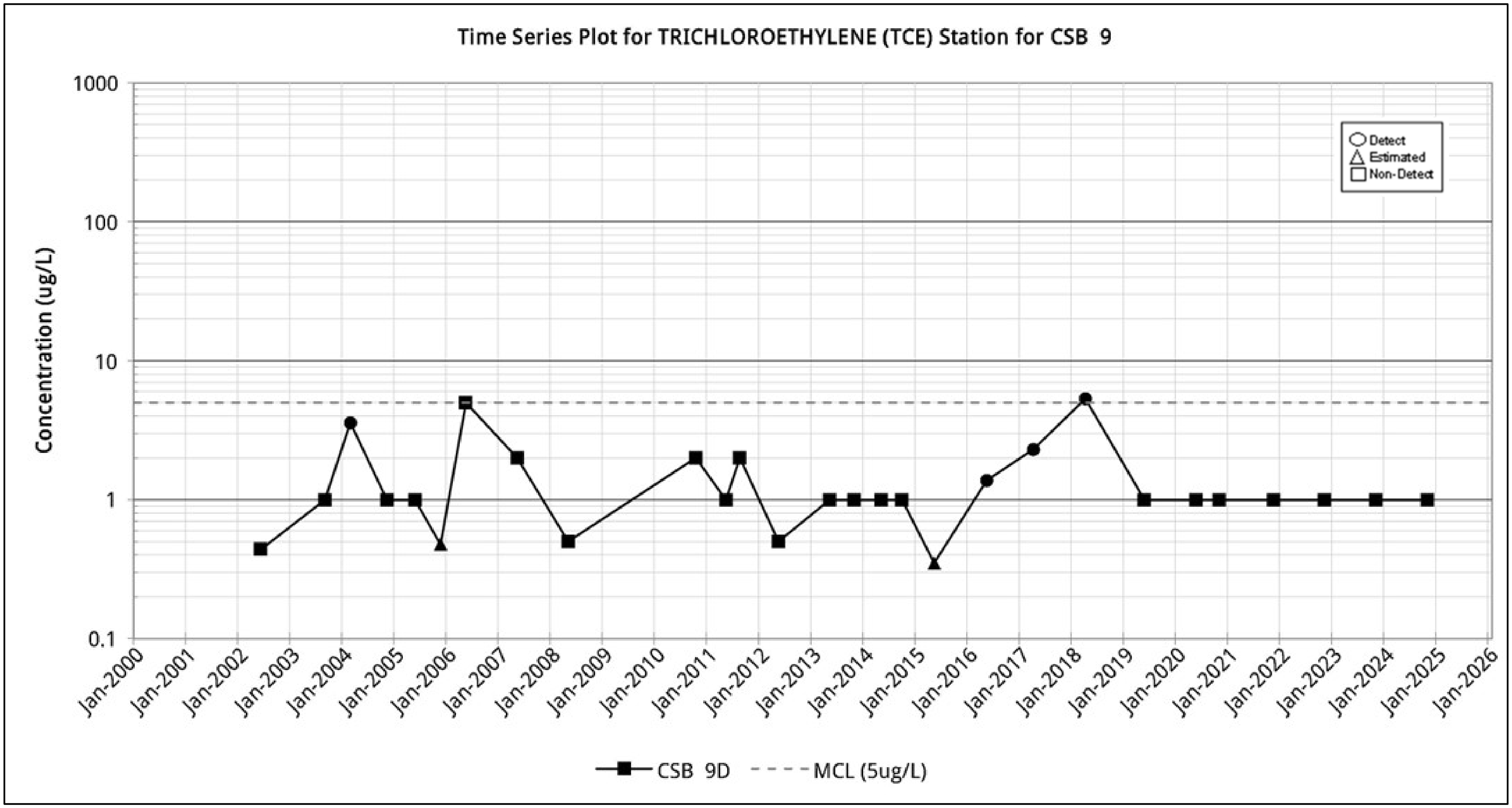

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB 9
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB 9D
MCL (5ug/L)

Figure C-30

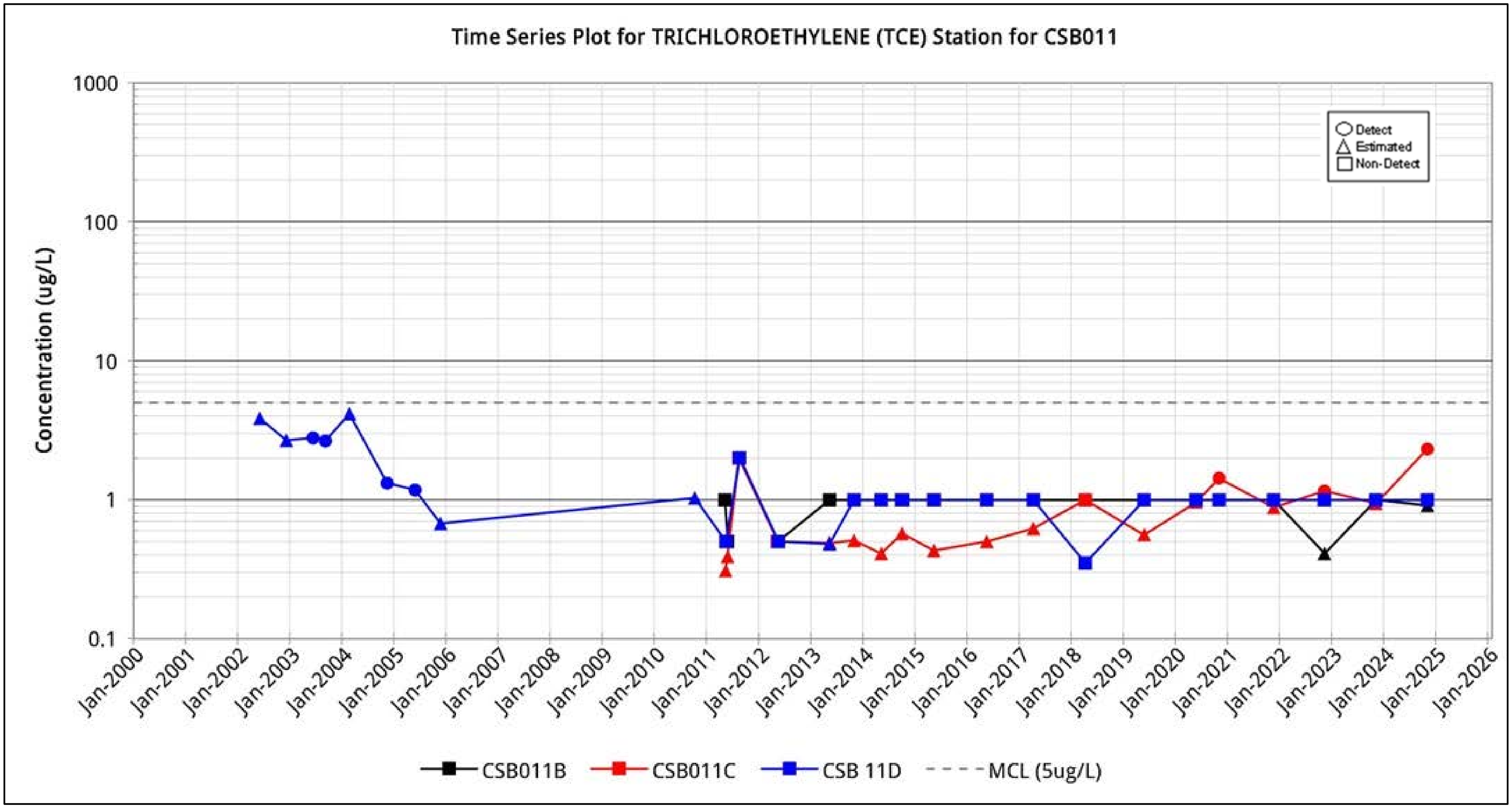

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB011
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB011B
CSB011C
CSB 11D
MCL (5ug/L)

Figure C-31

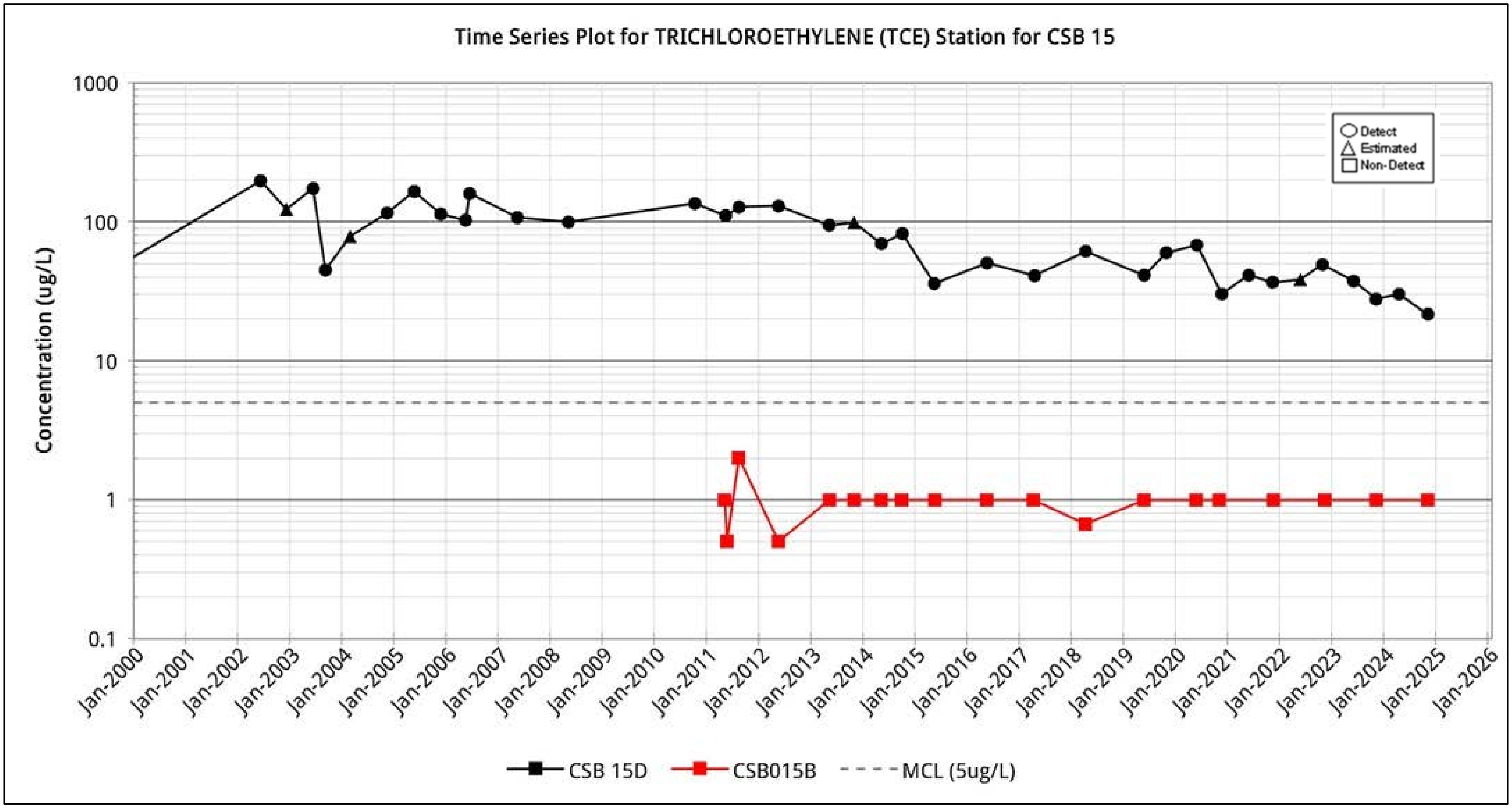

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB 15
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CSB 15D
CSB015B
MCL (5ug/L)

Figure C-32

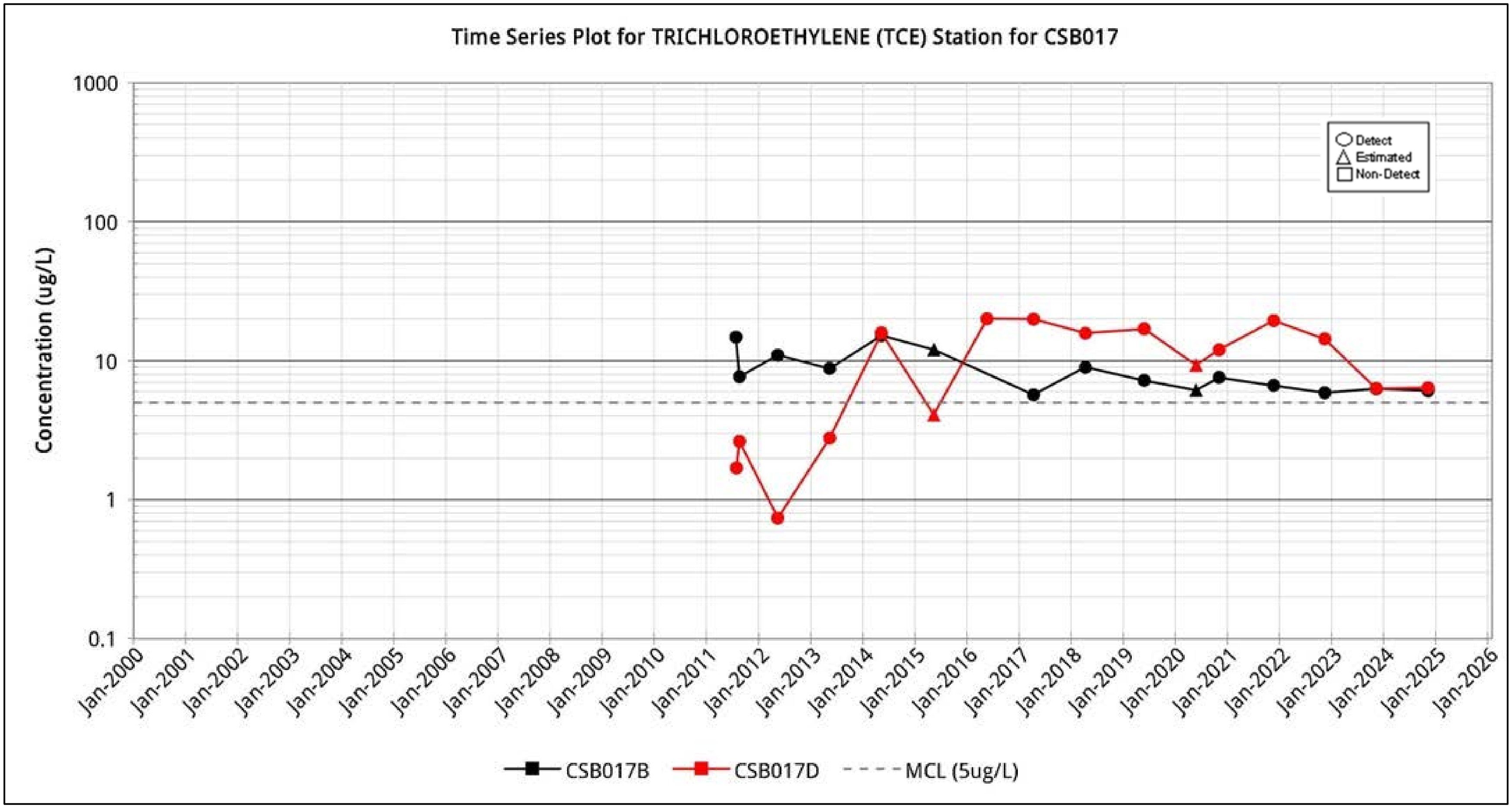

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB017
Concentration (ug/L)
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CSB017B
CSB017D
MCL (5ug/L)

Figure C-33

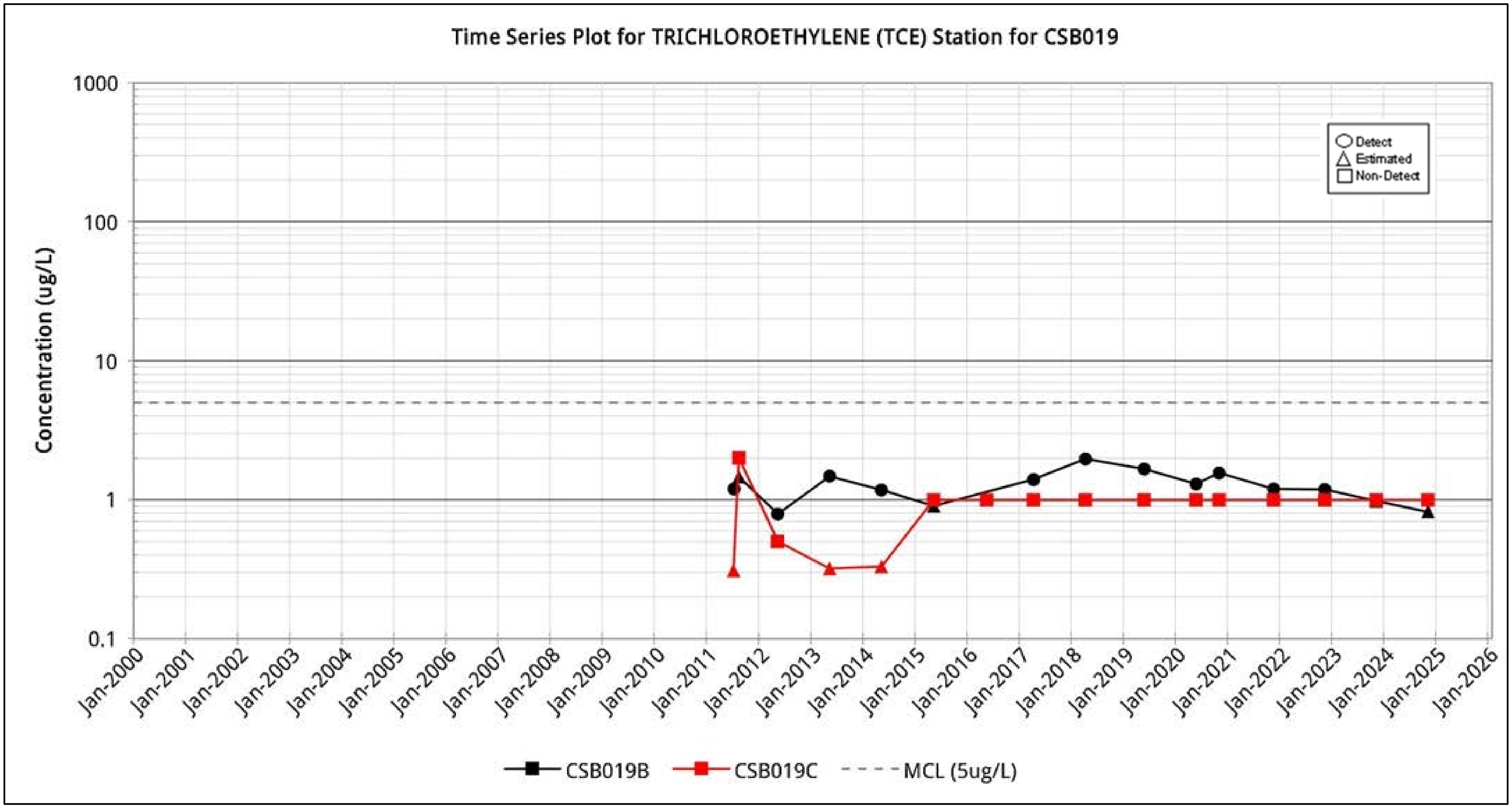

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB019
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB019B
CSB019C
MCL (5ug/L)

Figure C-34

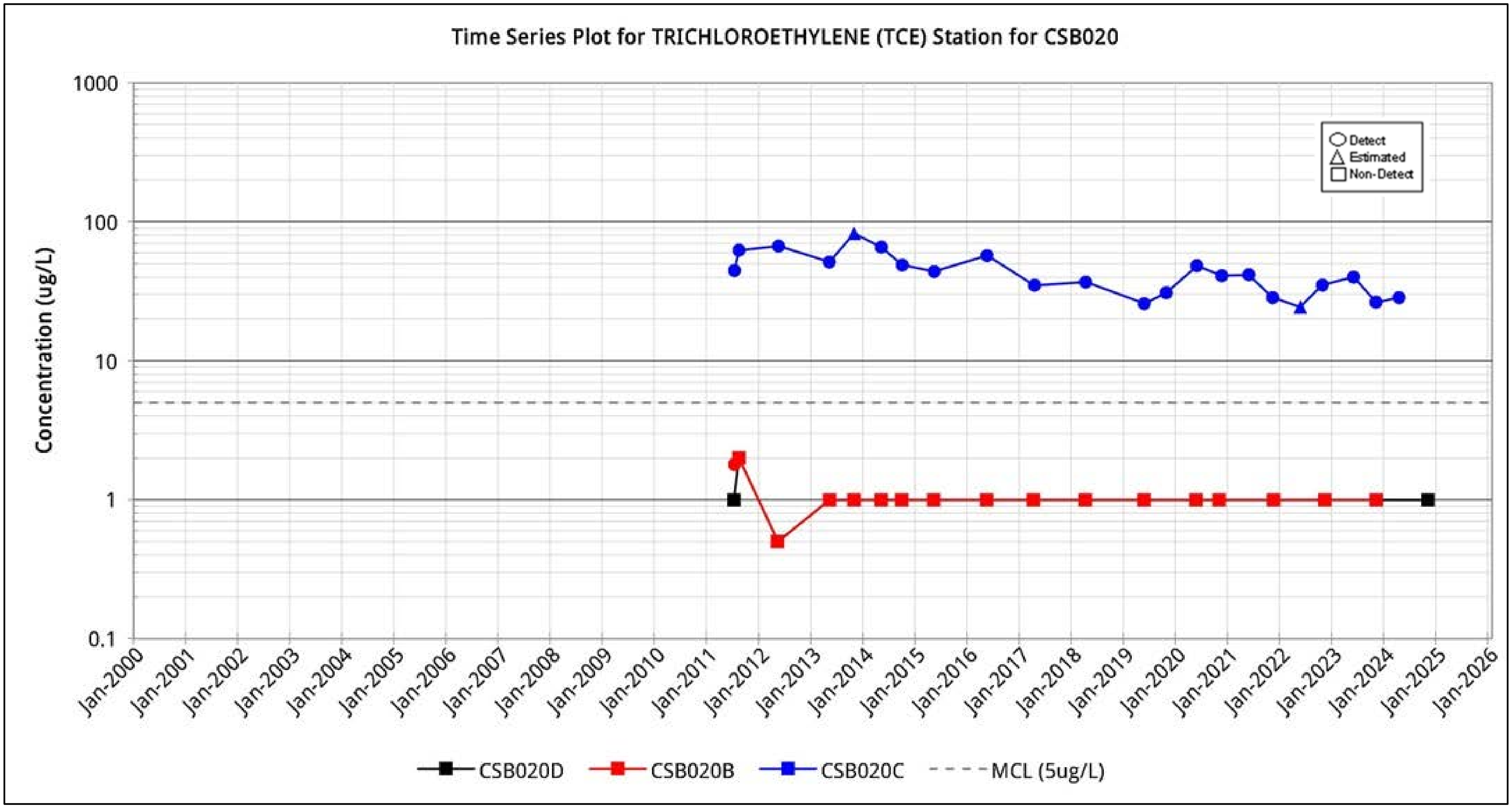

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CSB020
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB020D
CSB020B
CSB020C
MCL (5ug/L)

Figure C-35

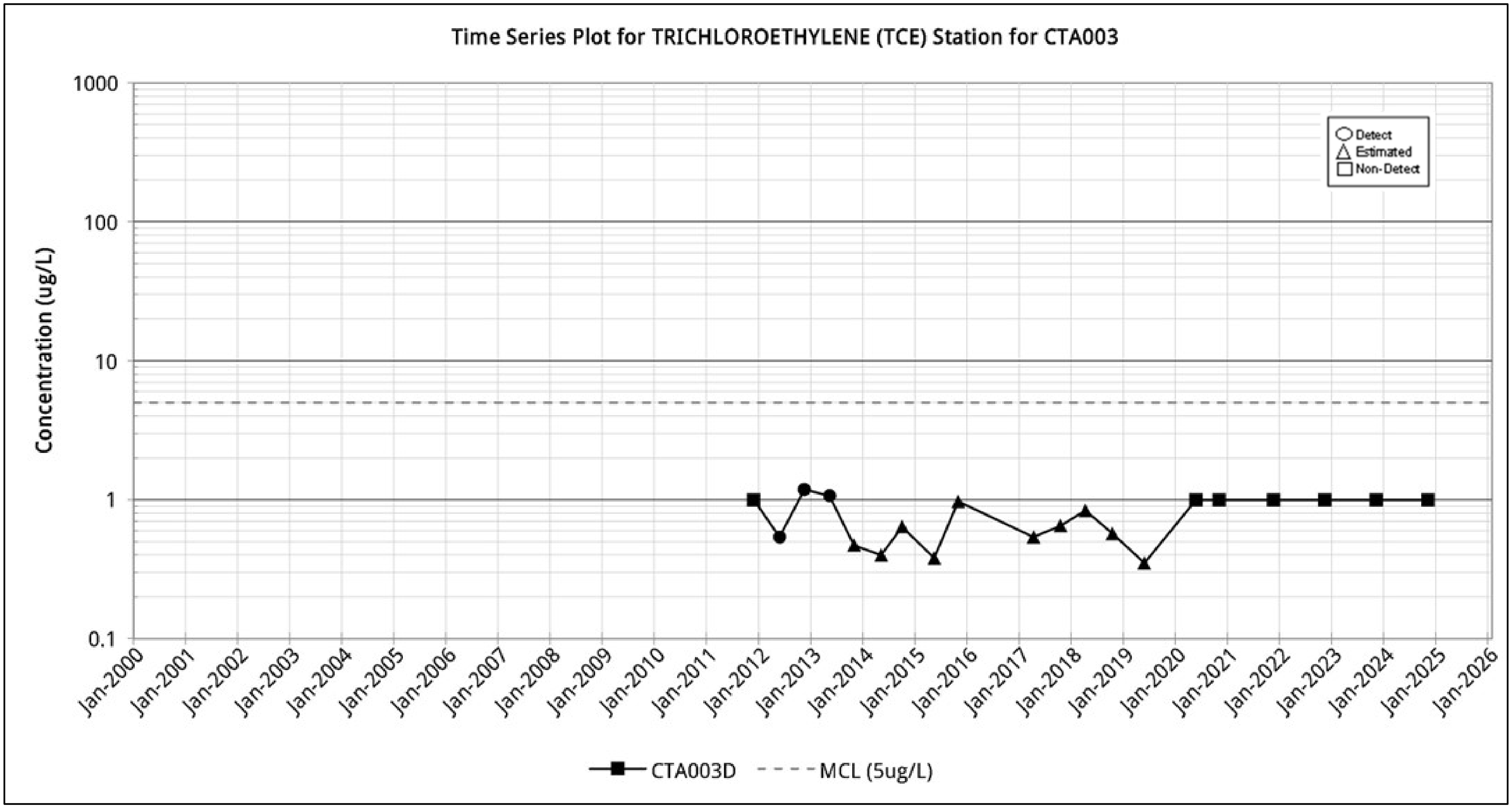

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for CTA003
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CTA003D
MCL (5ug/L)

Figure C-36

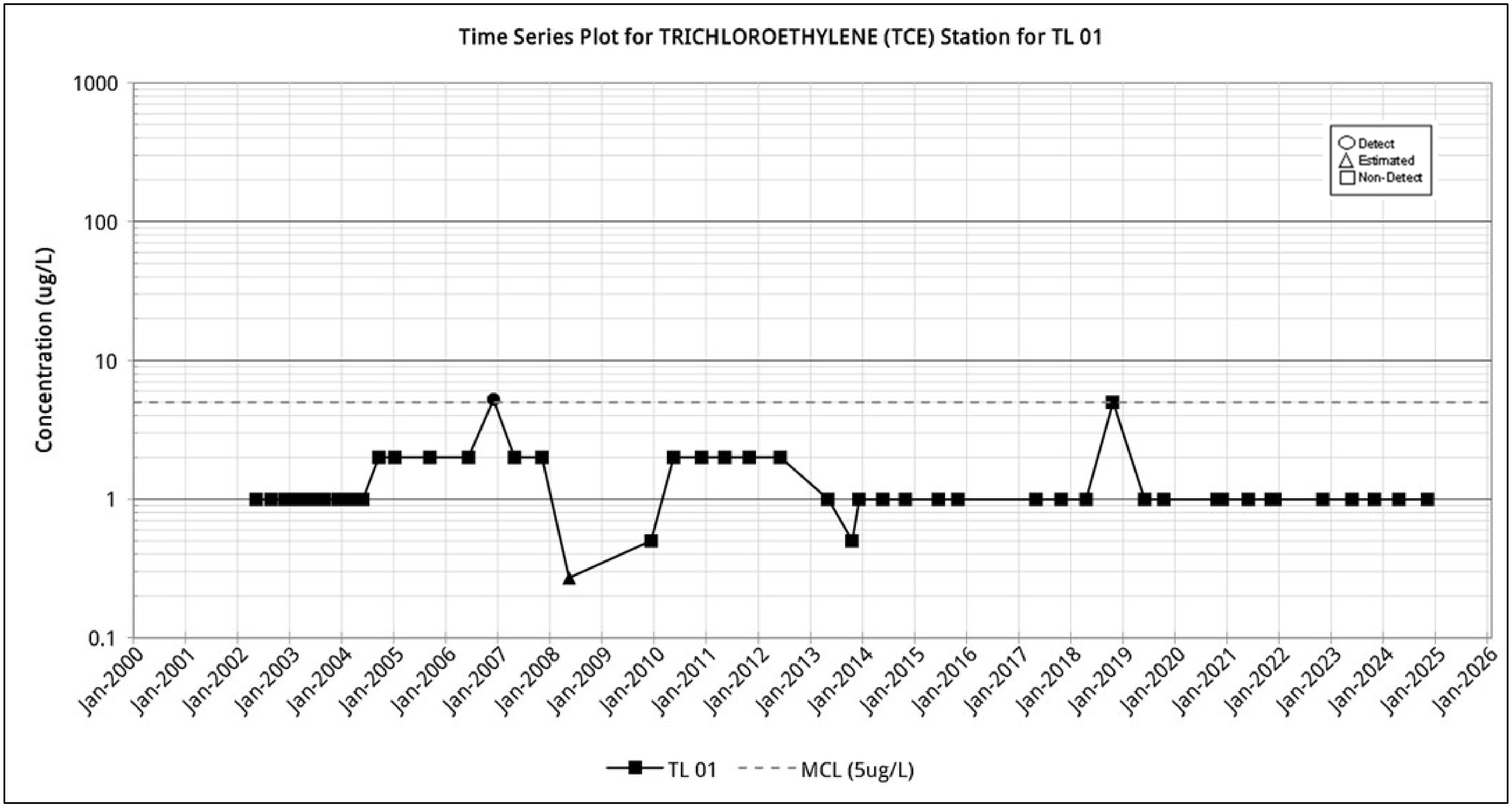

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for TL 01
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
TL 01
MCL (5ug/L)

Figure C-37

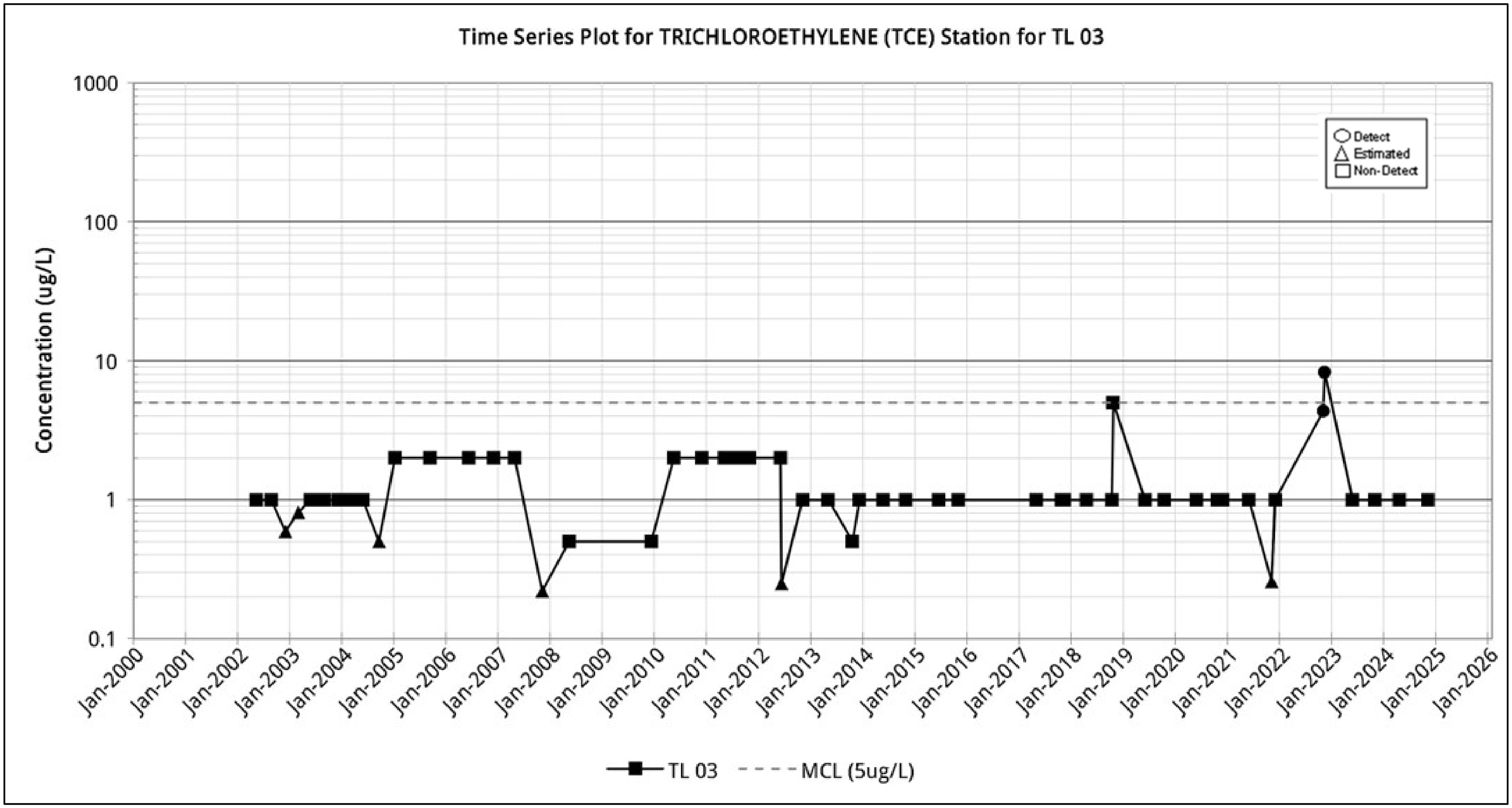

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for TL 03
Concentration (ug/L)
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
TL 03
MCL (5ug/L)

Figure C-38

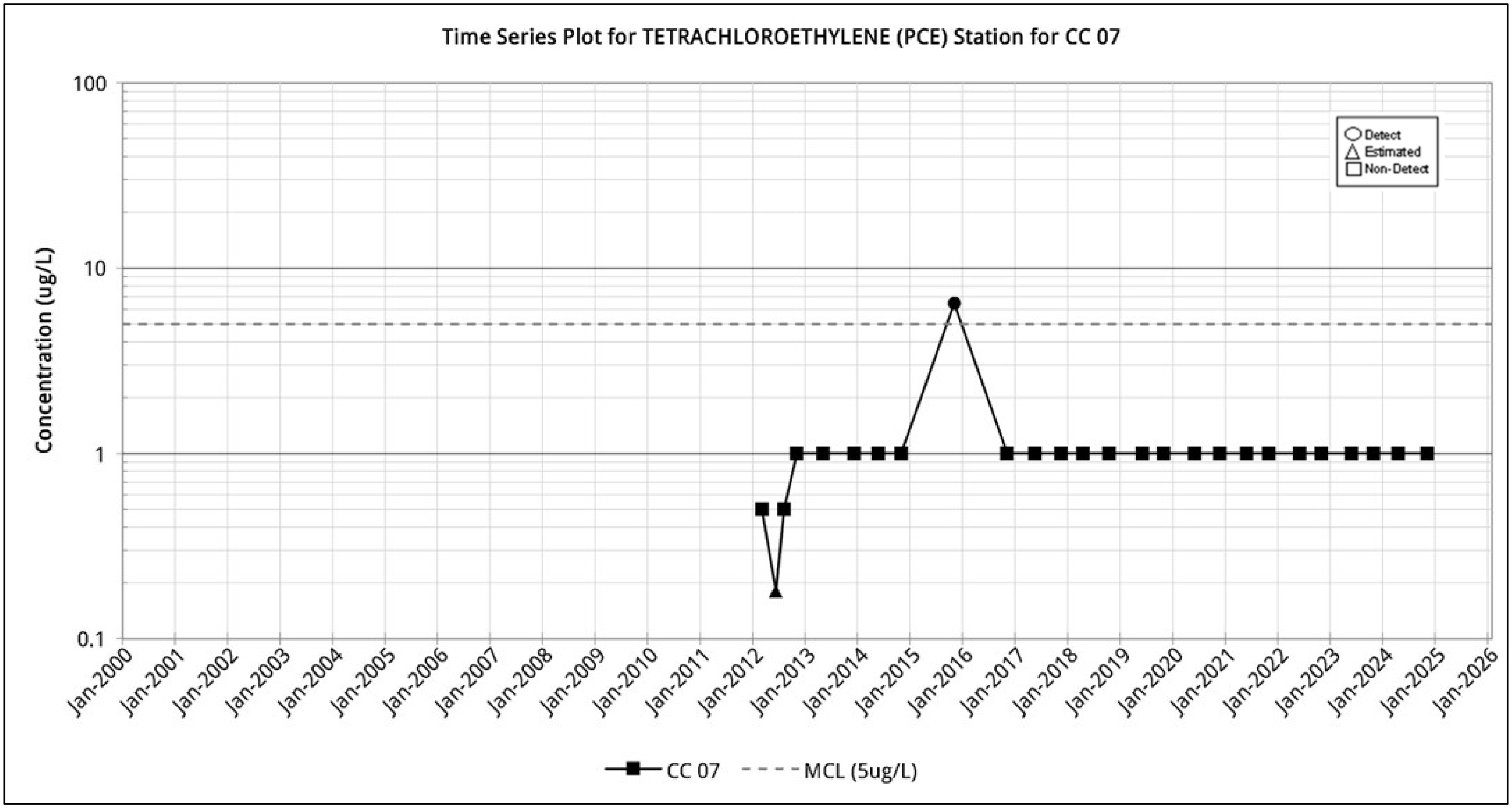

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CC 07
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CC 07
MCL (5ug/L)

Figure C-39

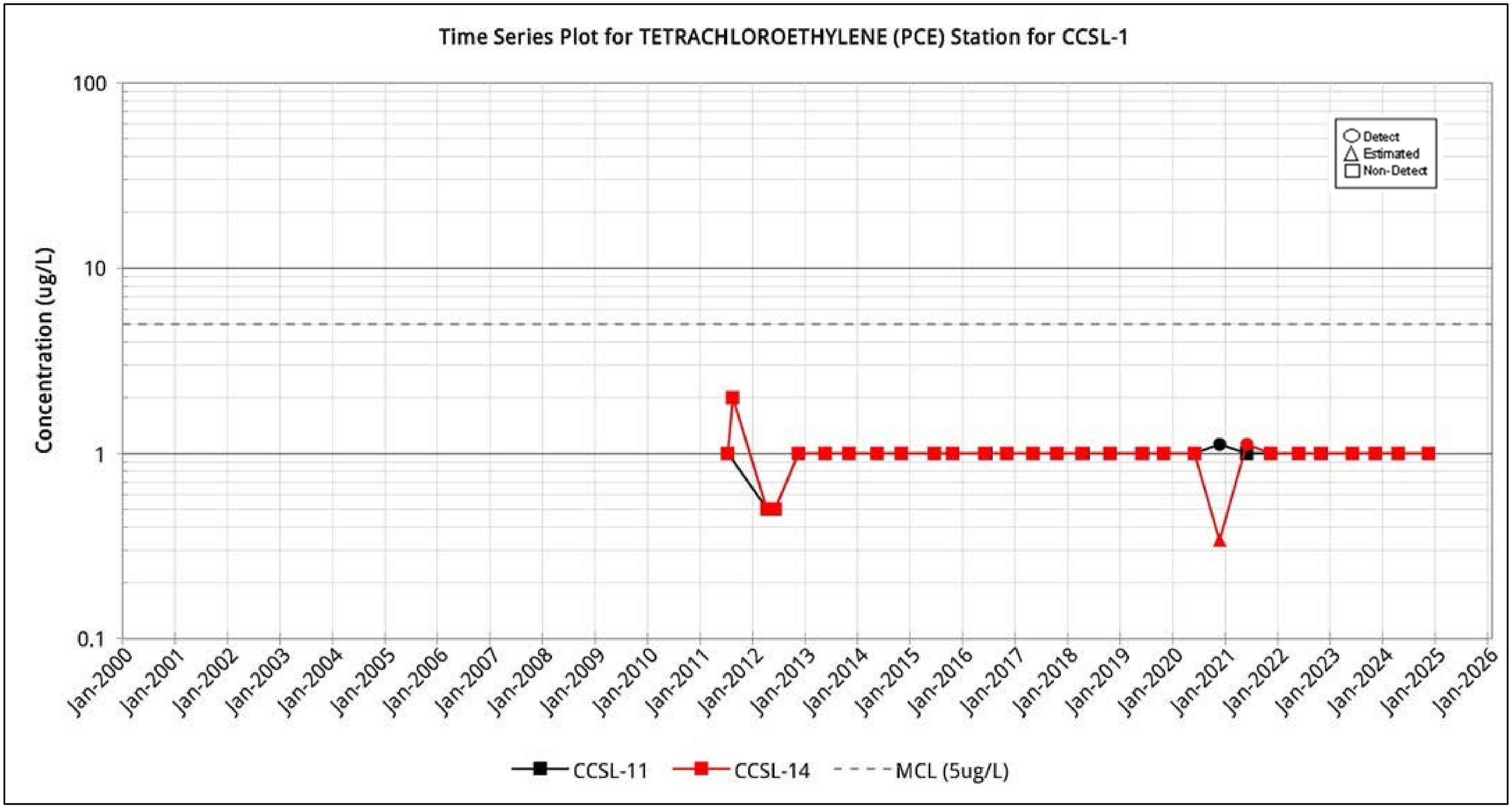

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CCSL-1
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCSL-11
CCSL-14
MCL (5ug/L)

Figure C-40

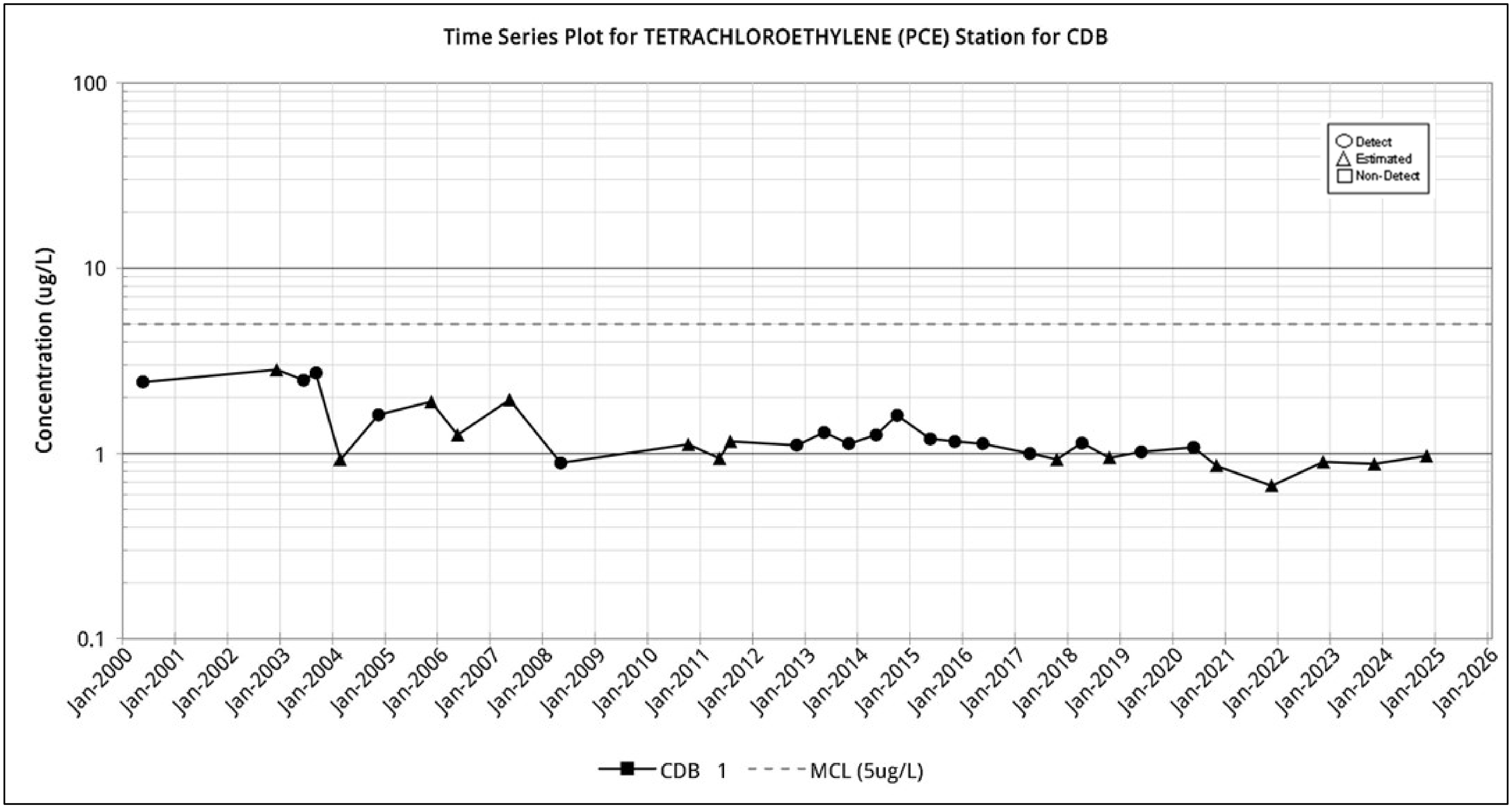

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CDB
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CDB 1
MCL (5ug/L)

Figure C-41

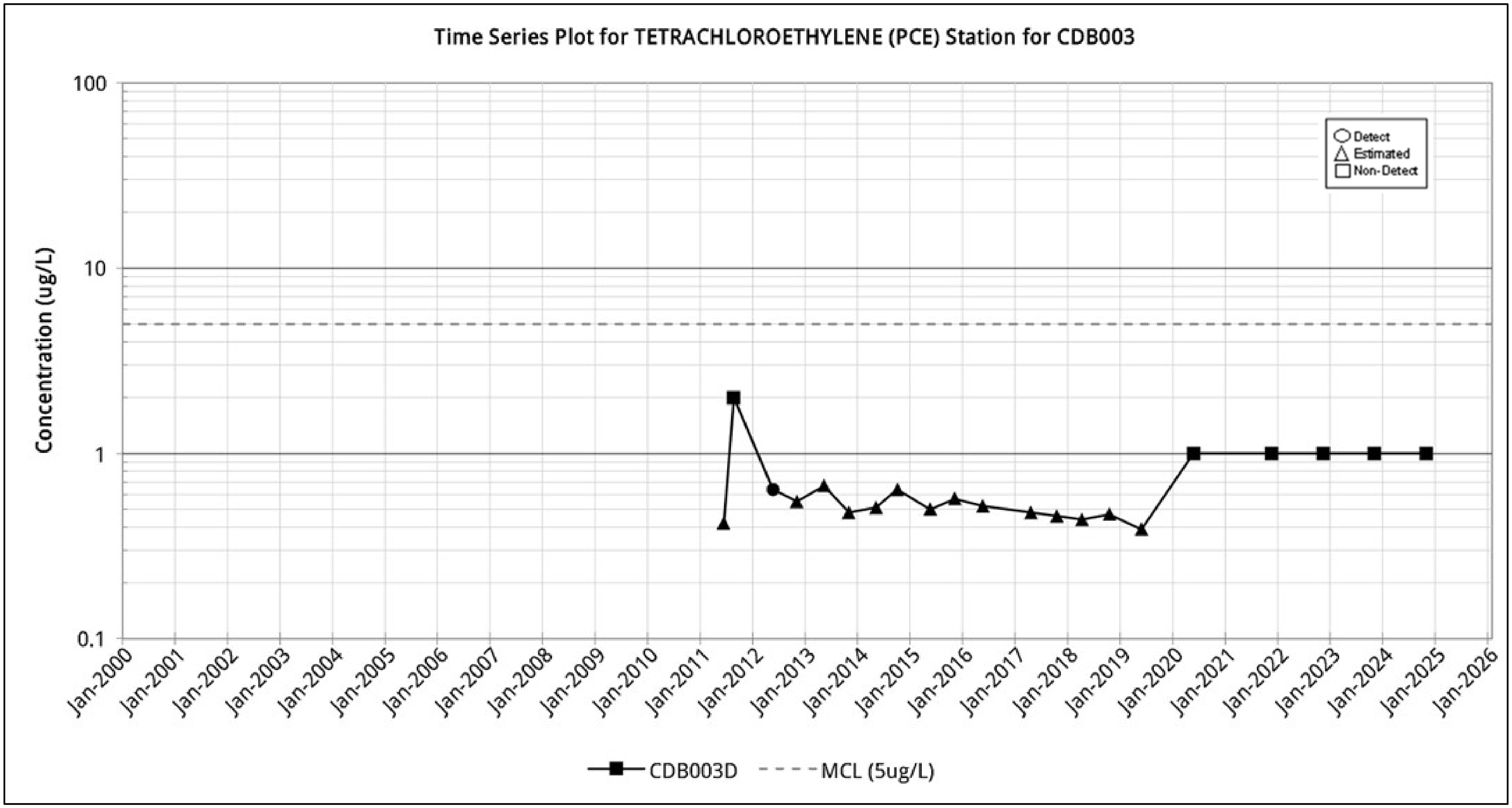

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CDB003
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CDB003D
MCL (5ug/L)

Figure C-42

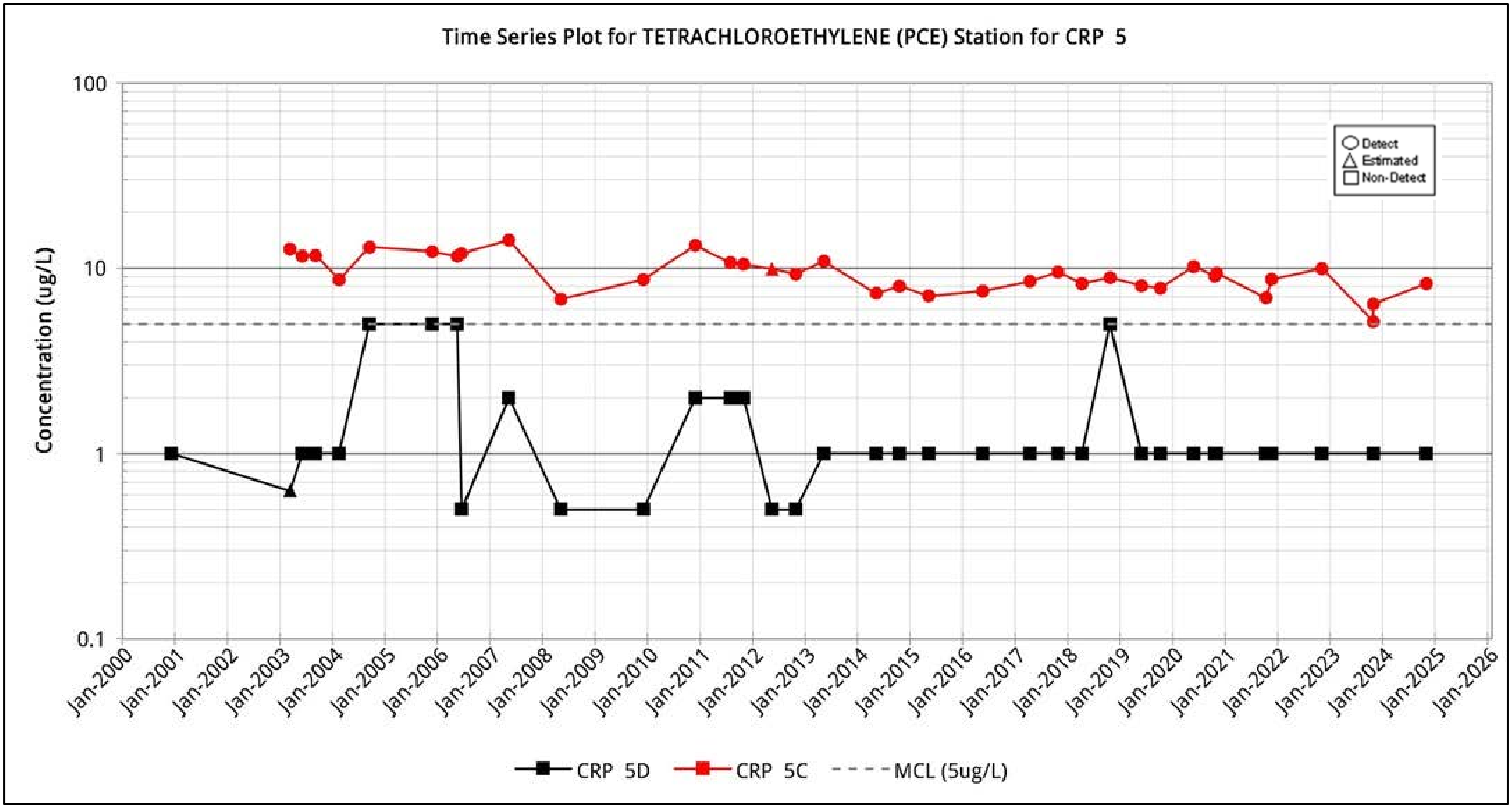

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRP 5
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRP 5D
CRP 5C
MCL (5ug/L)

Figure C-43

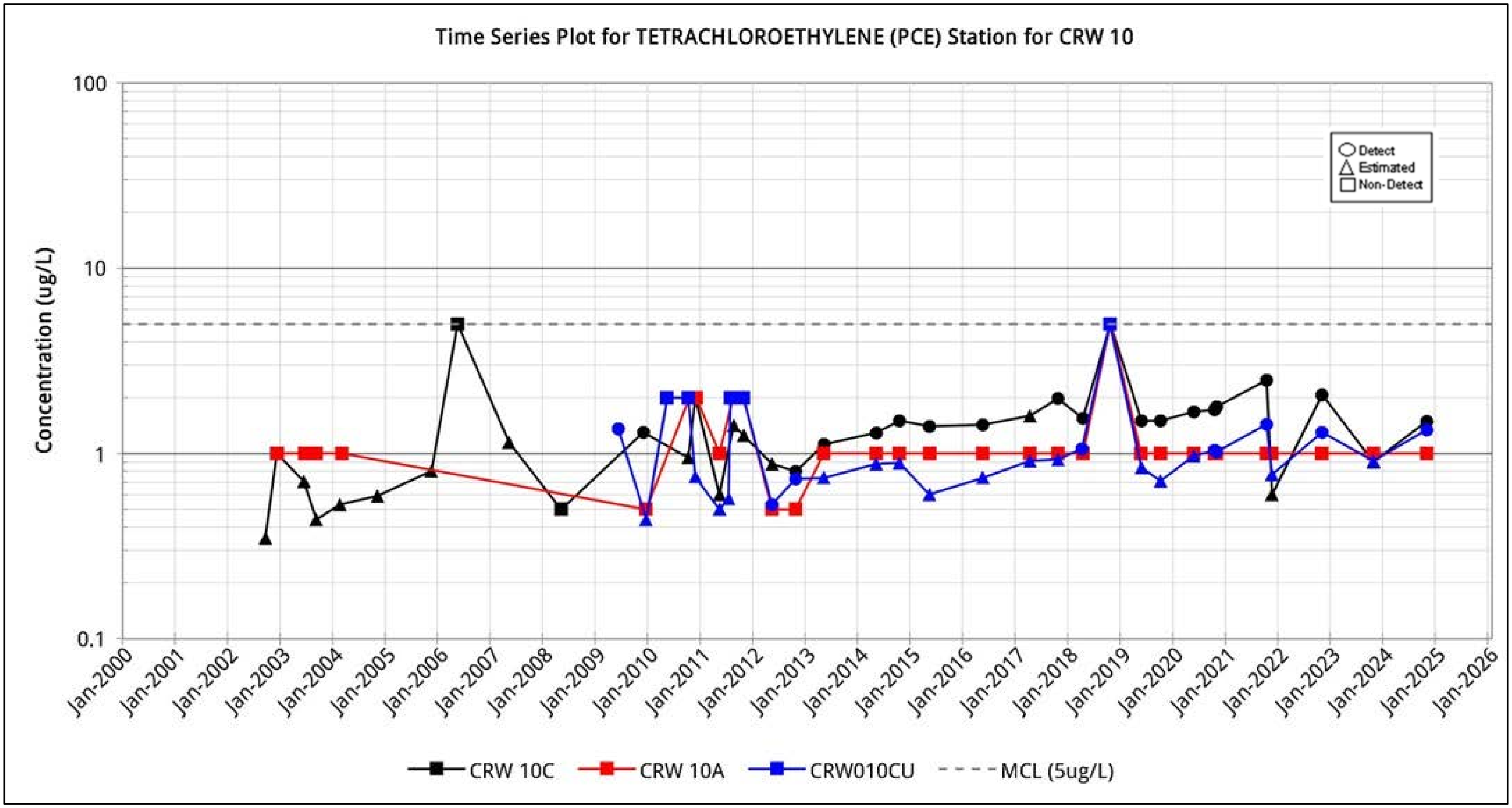

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW 10
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW 10C
CRW 10A
CRW010CU
MCL (5ug/L)

Figure C-44

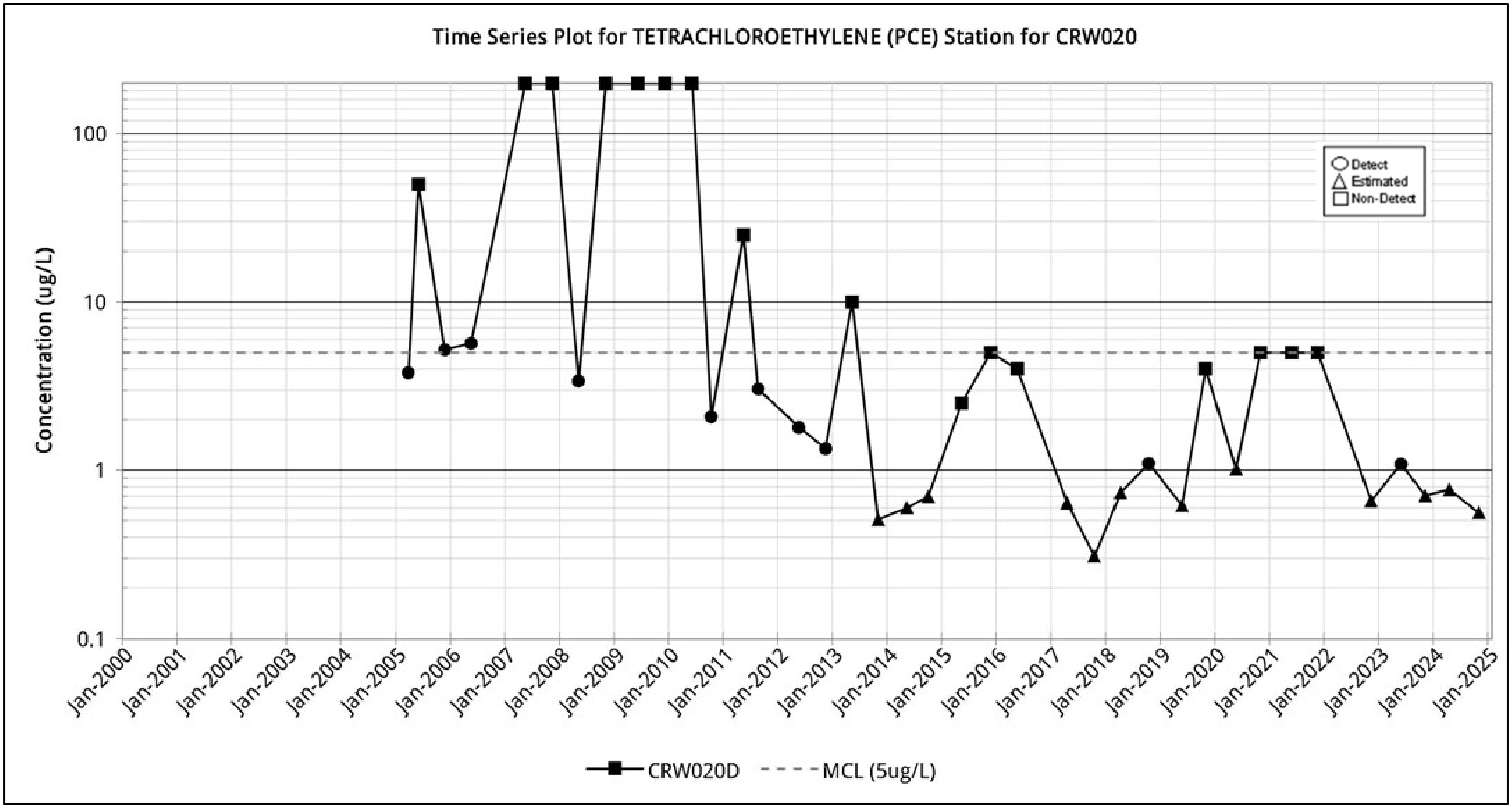

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CRW020
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Detect
Estimated
Non-Detect
CRW020D
MCL (5ug/L)

Figure C-45

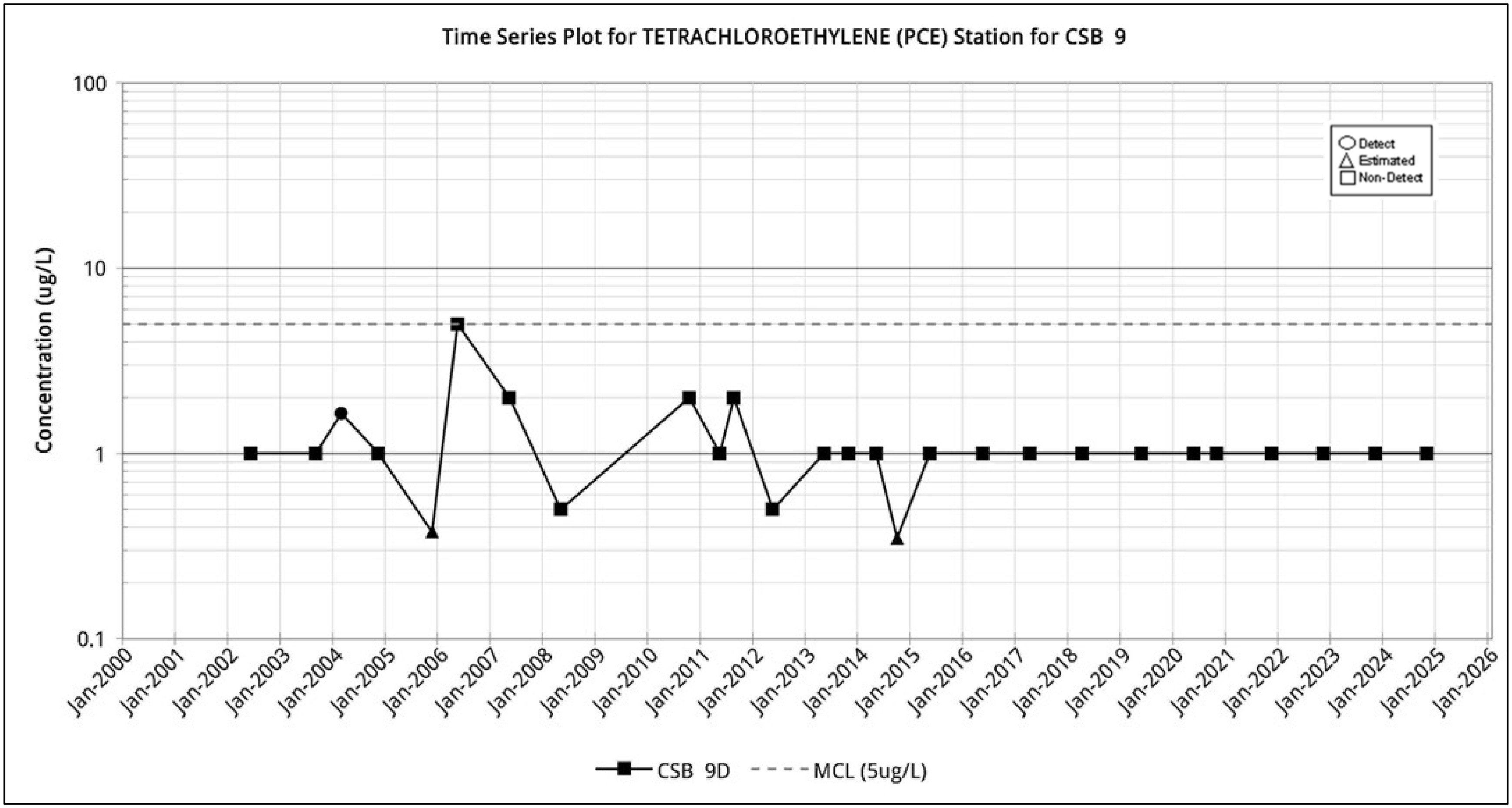

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CSB 9
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB 9D
MCL (5ug/L)

Figure C-46

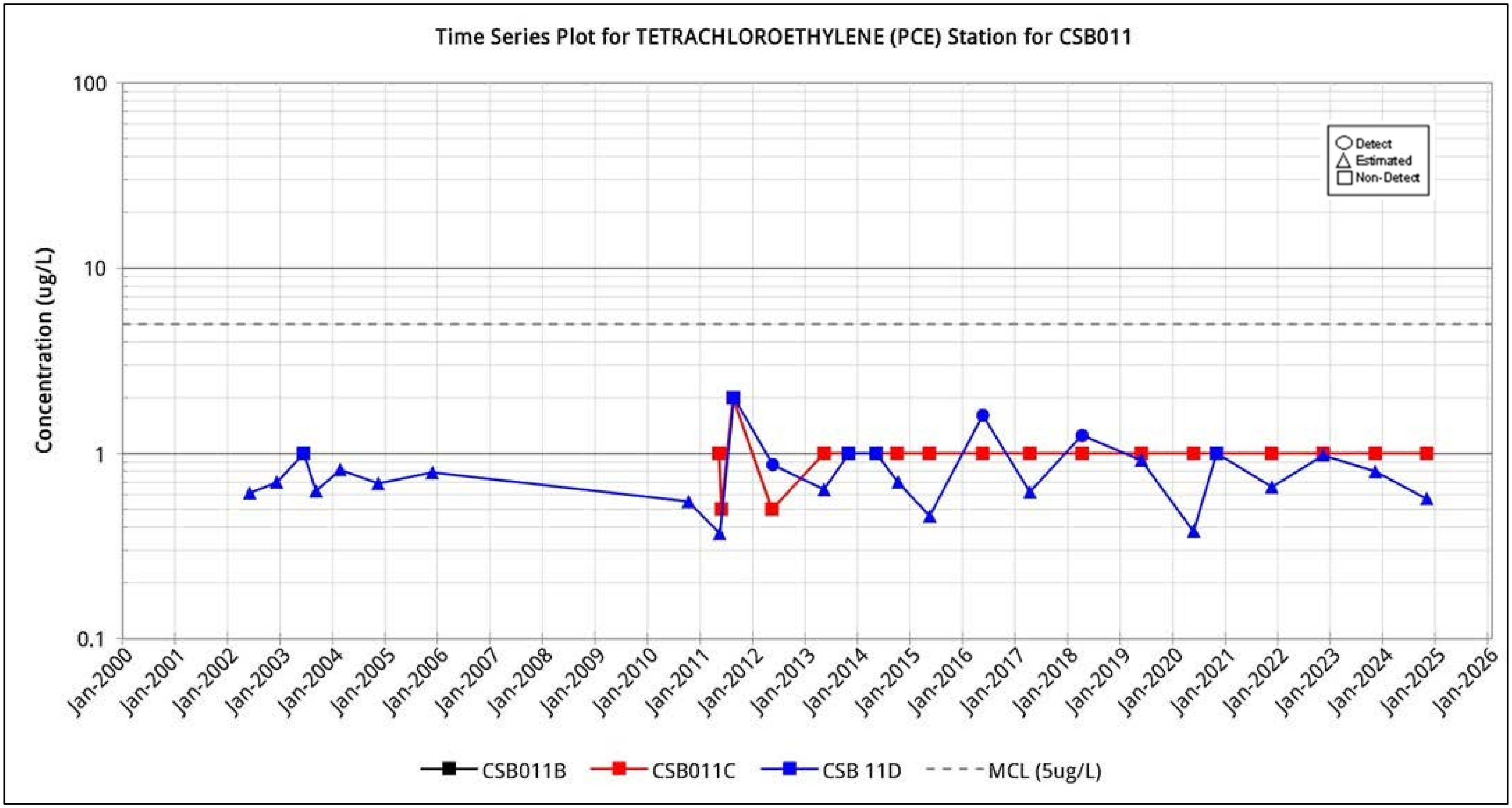

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CSB011
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB011B
CSB011C
CSB 11D
MCL (5ug/L)

Figure C-47

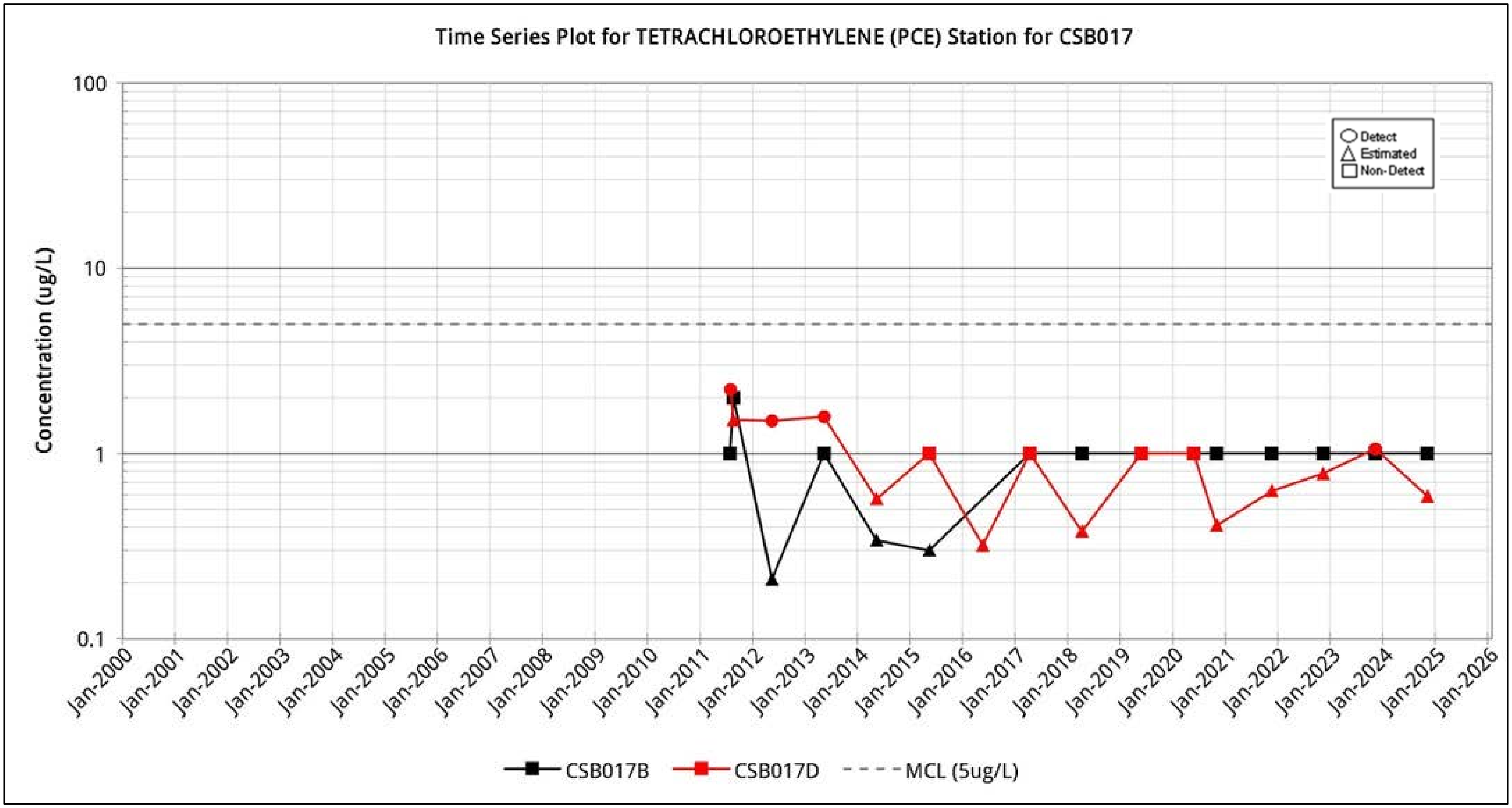

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CSB017
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB017B
CSB017D
MCL (5ug/L)

Figure C-48

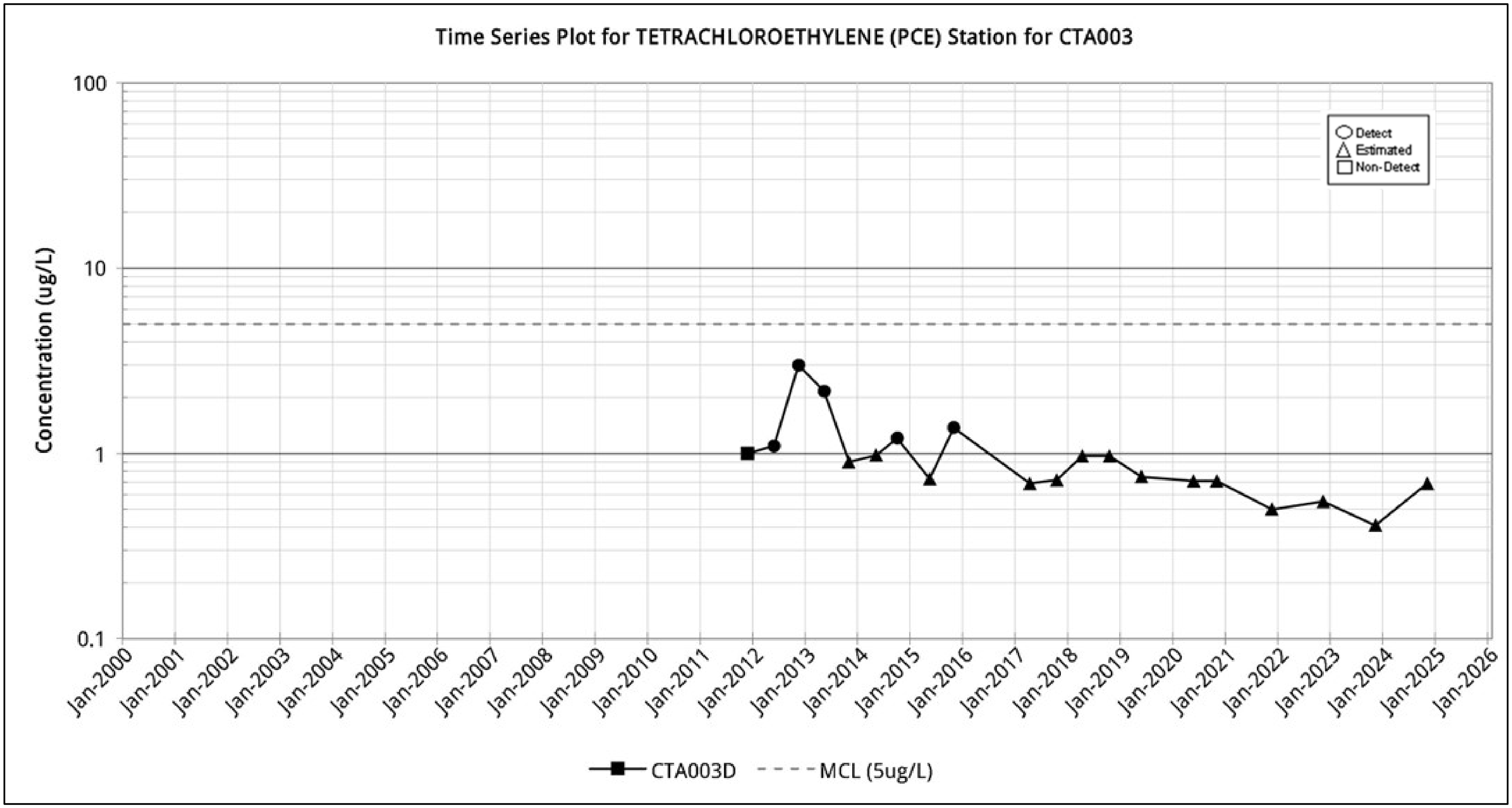

Time Series Plot for TETRACHLOROETHYLENE (PCE) Station for CTA003
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CTA003D
MCL (5ug/L)

Figure C-49

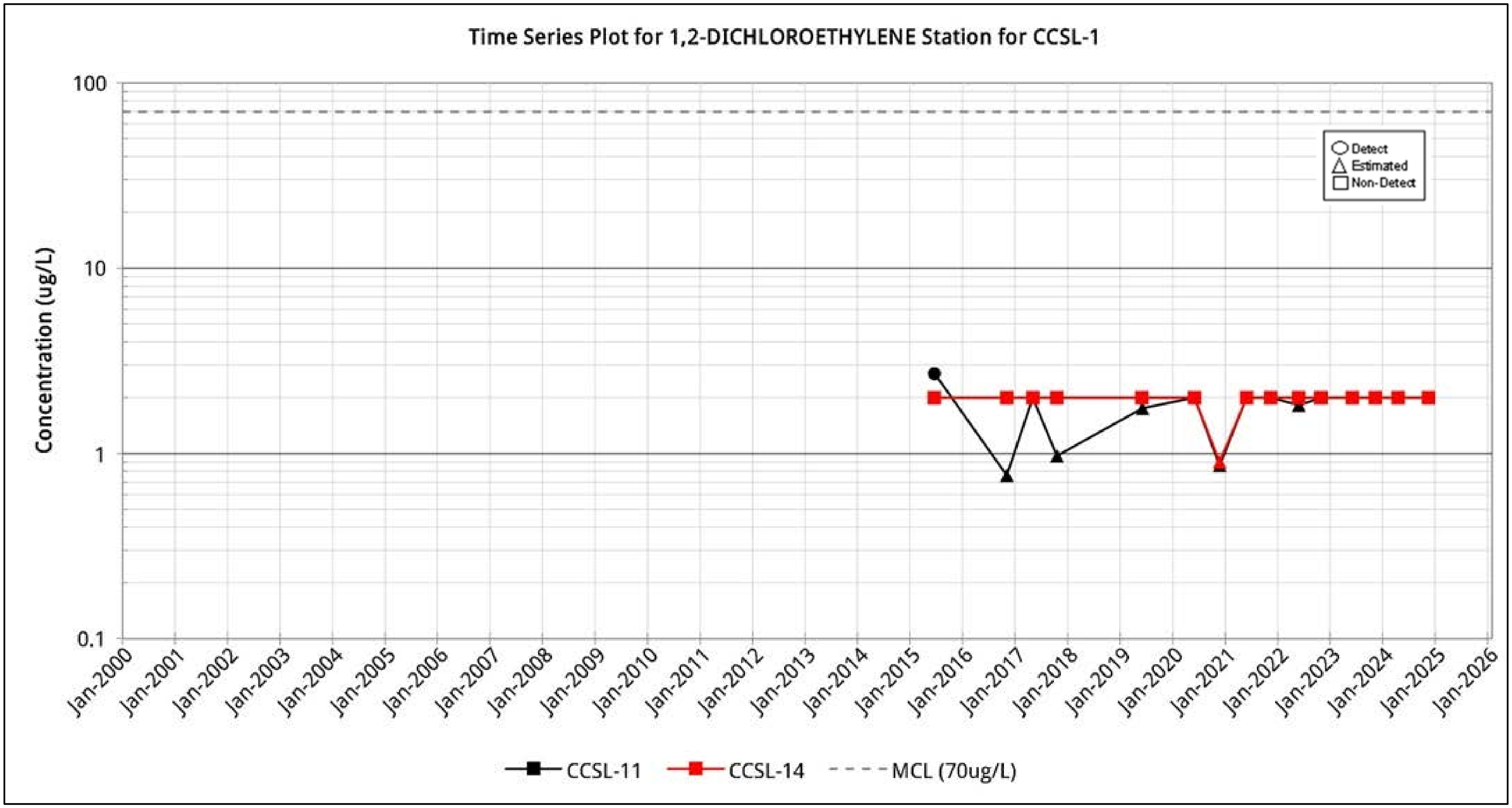

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCSL-1
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CCSL-11
CCSL-14
MCL (70ug/L)

Figure C-50

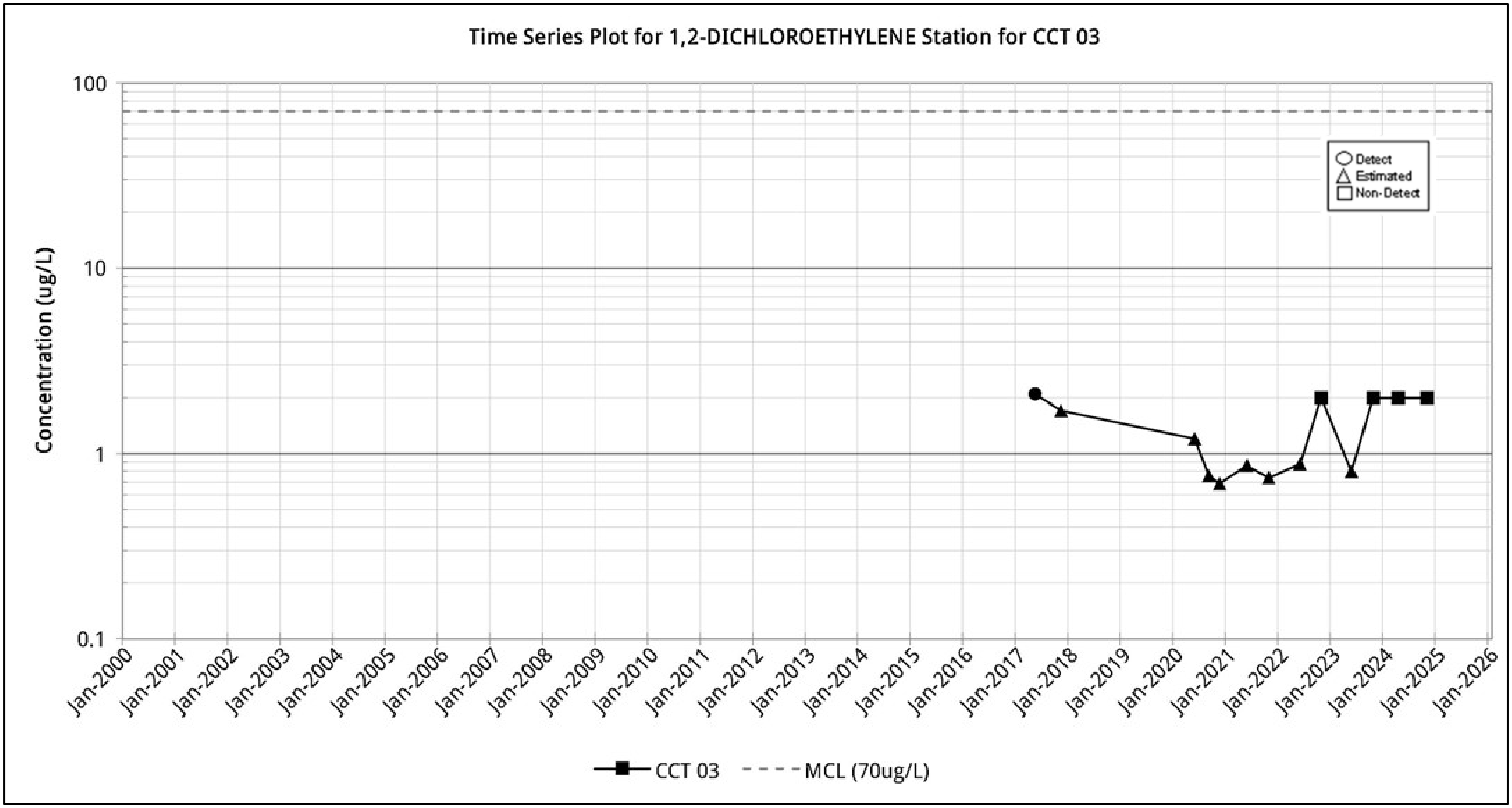

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CCT 03
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CCT 03
MCL (70ug/L)

Figure C-51

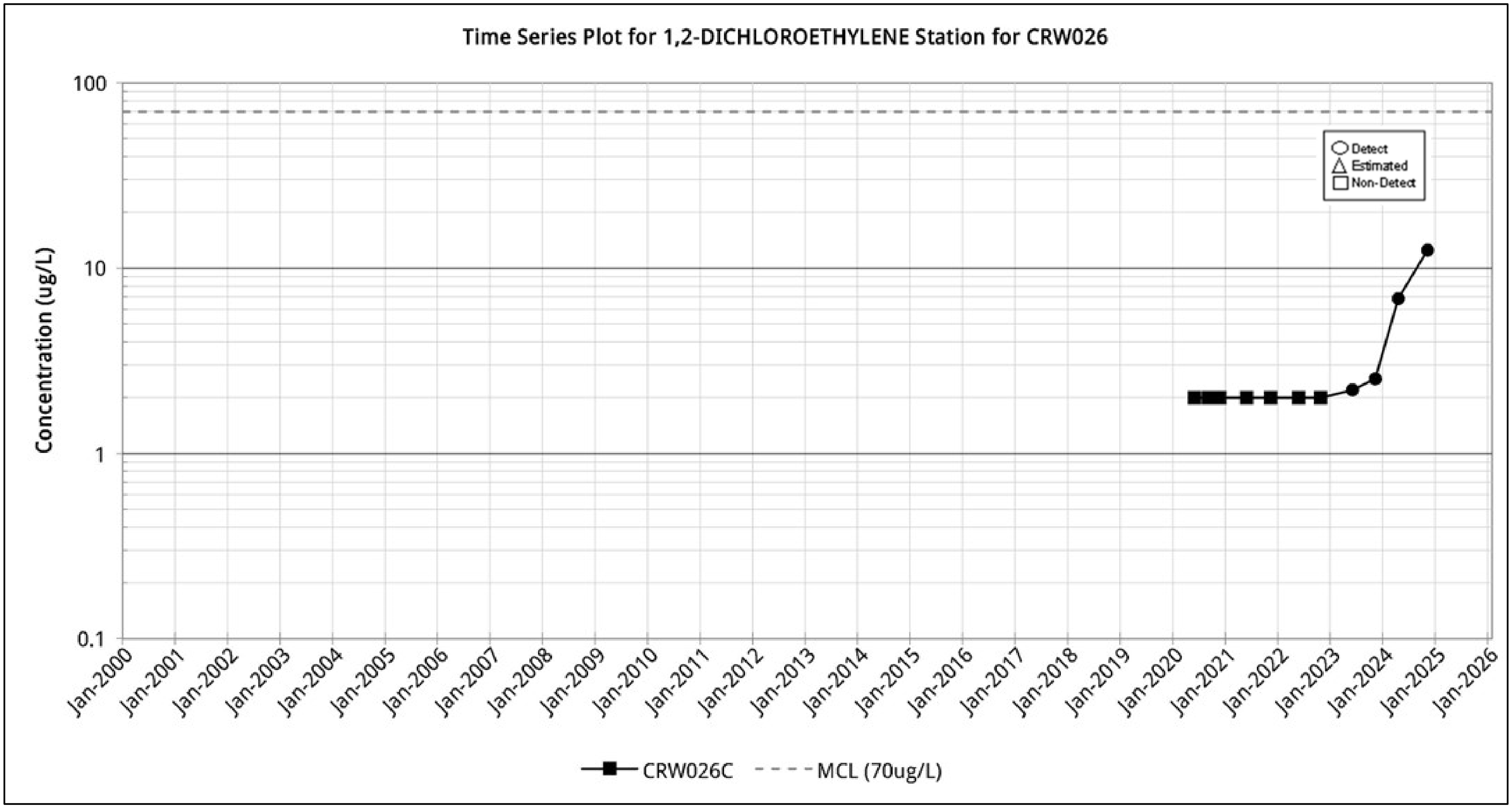

Time Series Plot for 1,2-DICHLOROETHYLENE Station for CRW026
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW026C
MCL (70ug/L)

Figure C-52

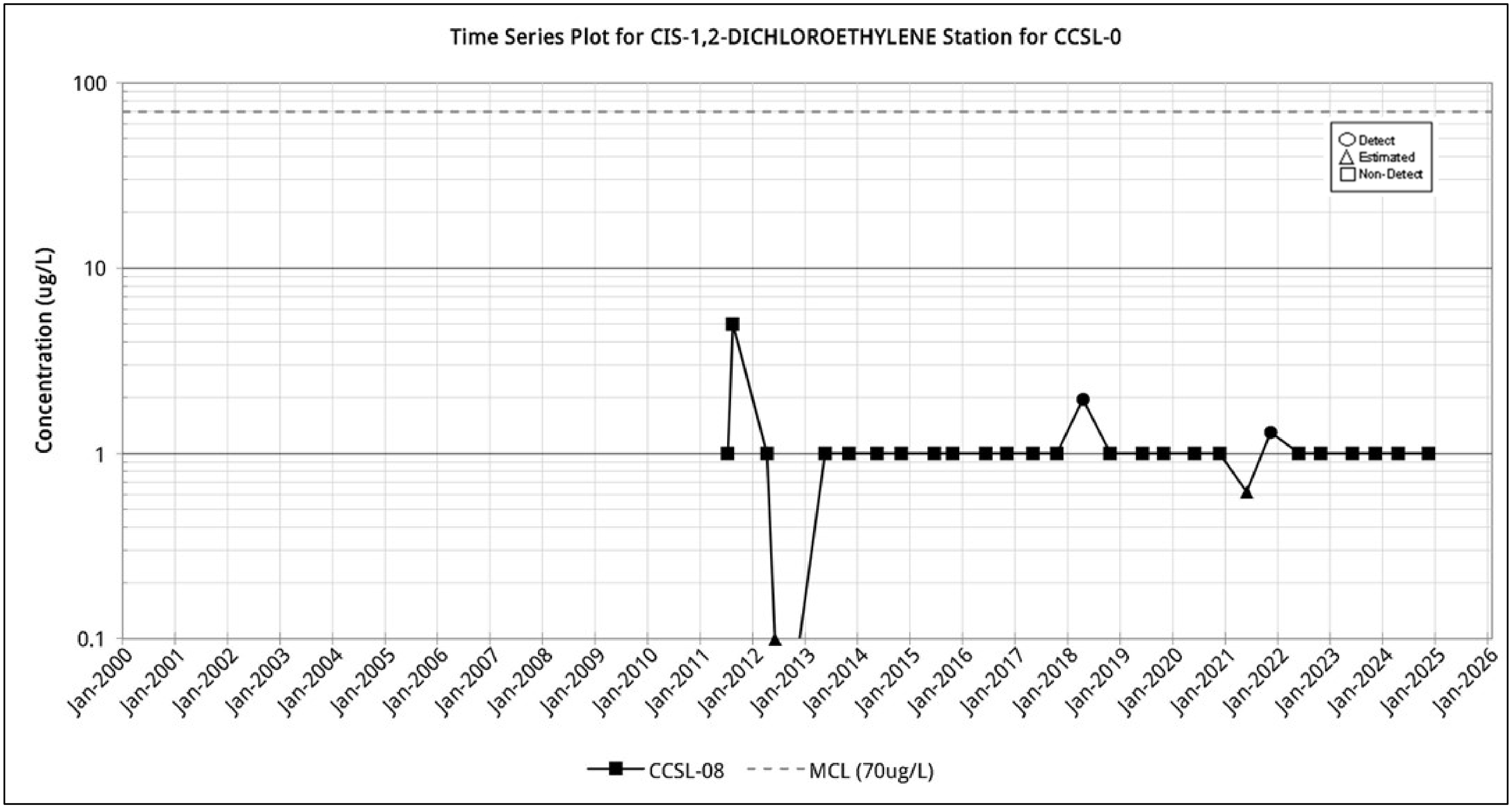

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-0
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCSL-08
MCL (70ug/L)

Figure C-53

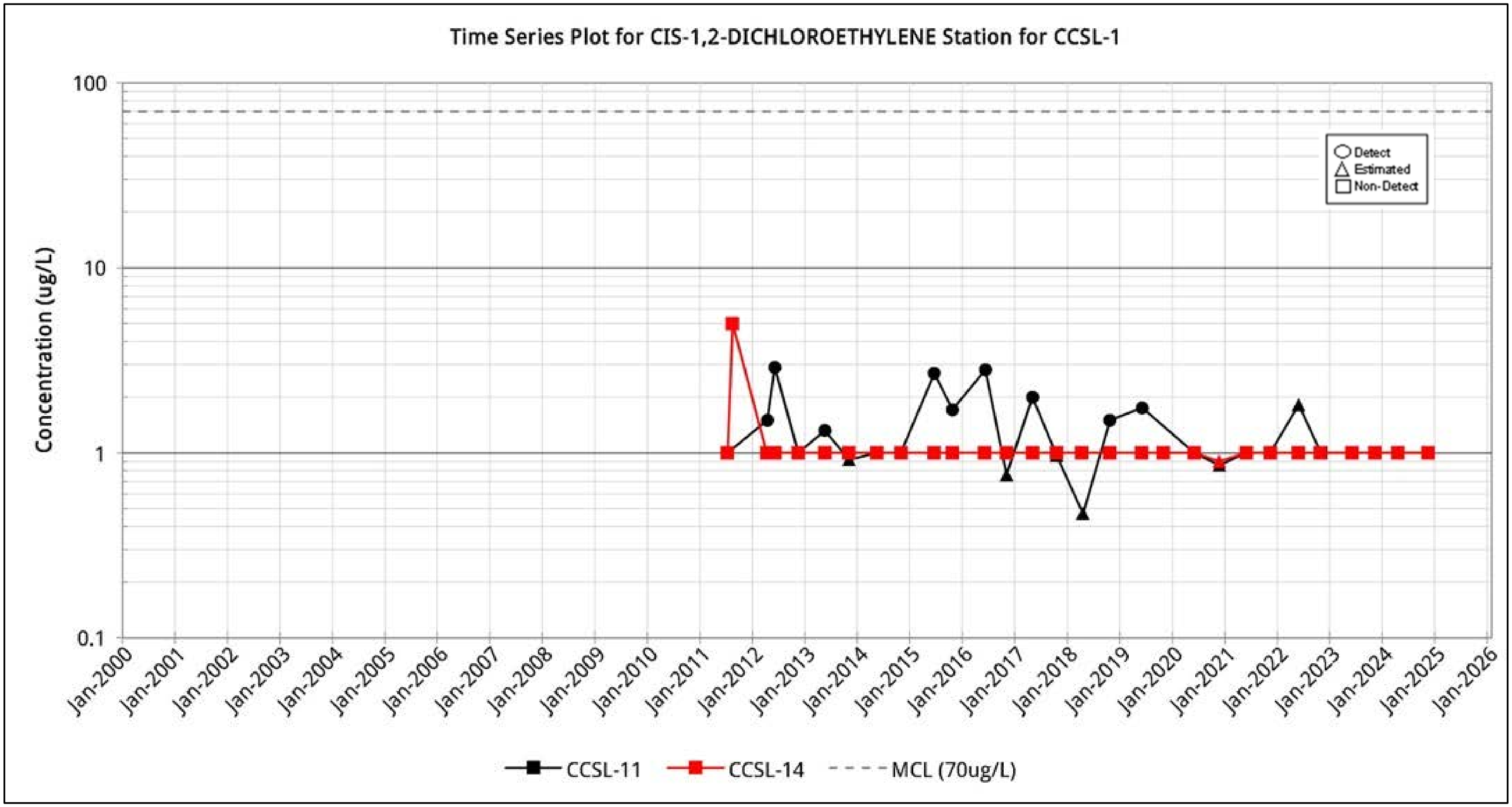

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-1
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CCSL-11
CCSL-14
MCL (70ug/L)

Figure C-54

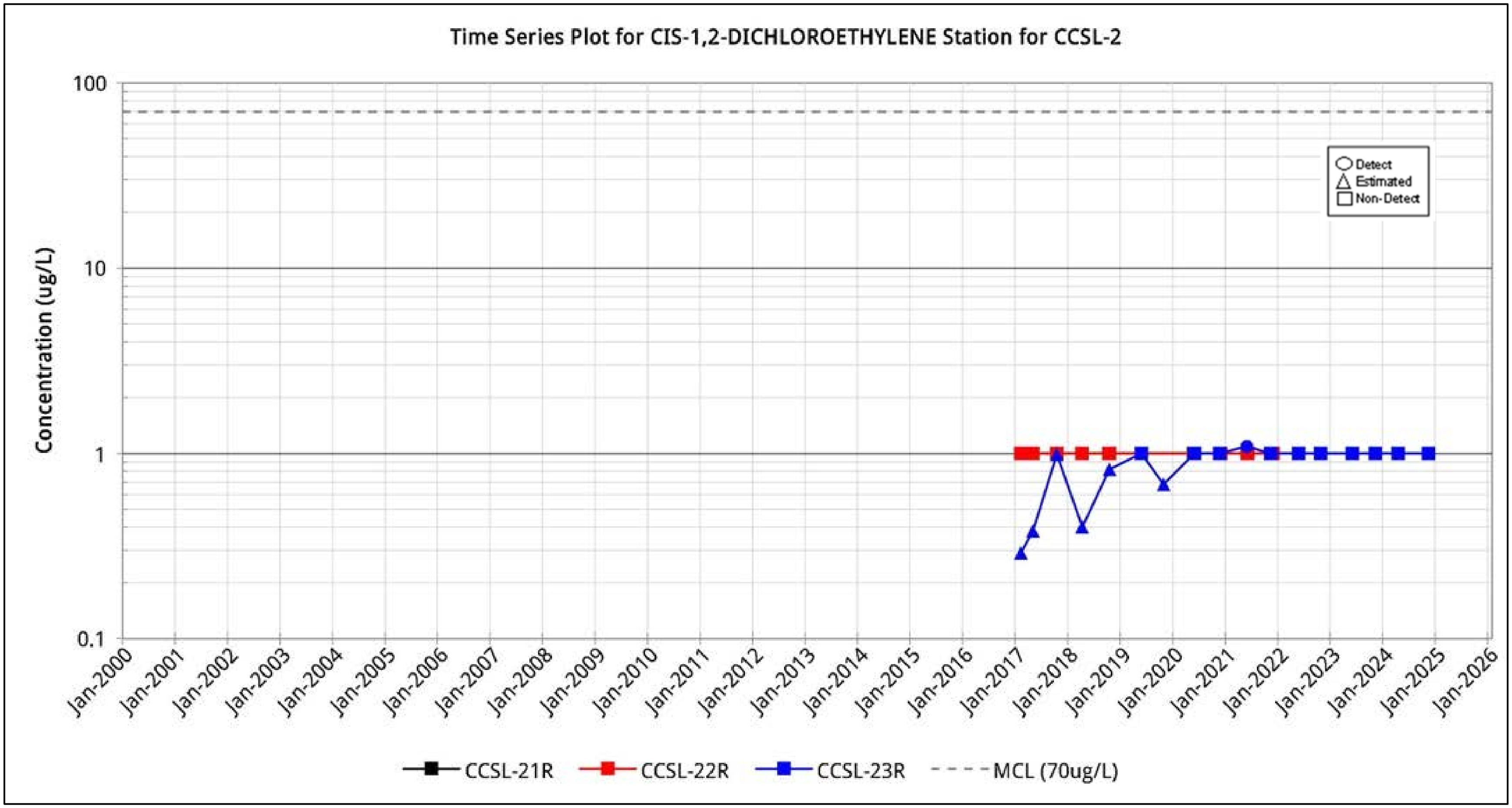

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCSL-2
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCSL-21R
CCSL-22R
CCSL-23R
MCL (70ug/L)

Figure C-55

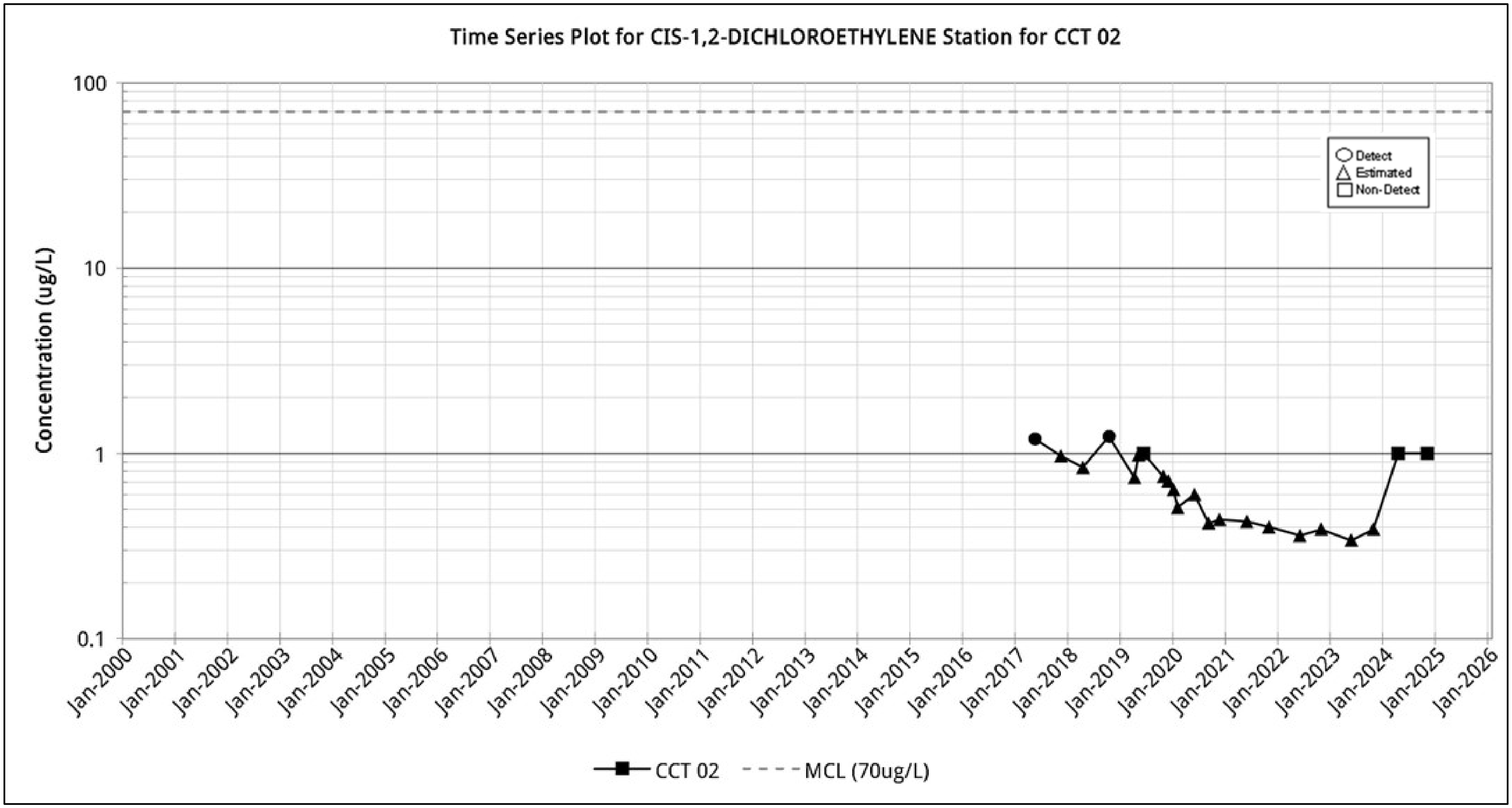

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCT 02
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CCT 02
MCL (70ug/L)

Figure C-56

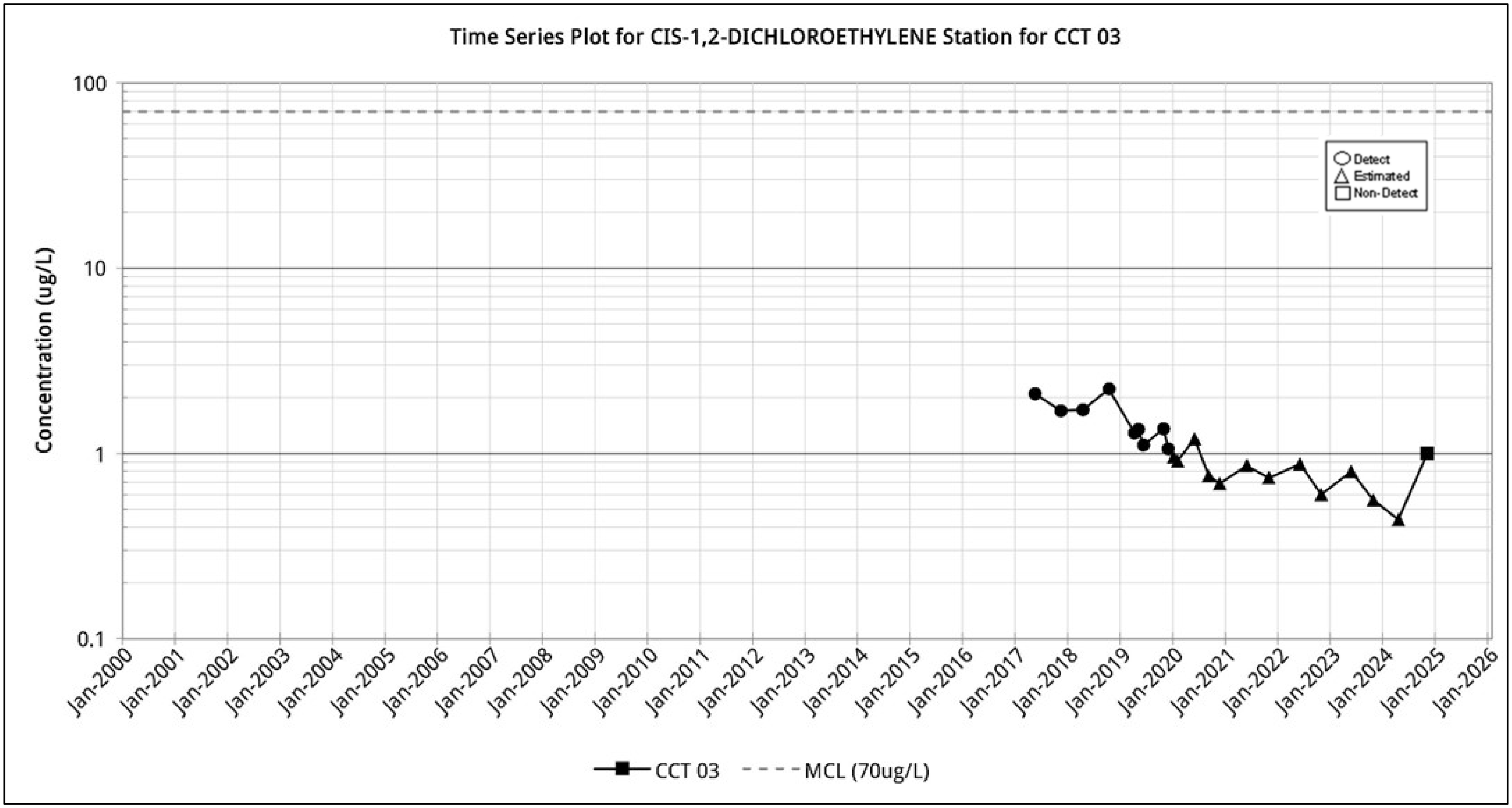

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CCT 03
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCT 03
MCL (70ug/L)

Figure C-57

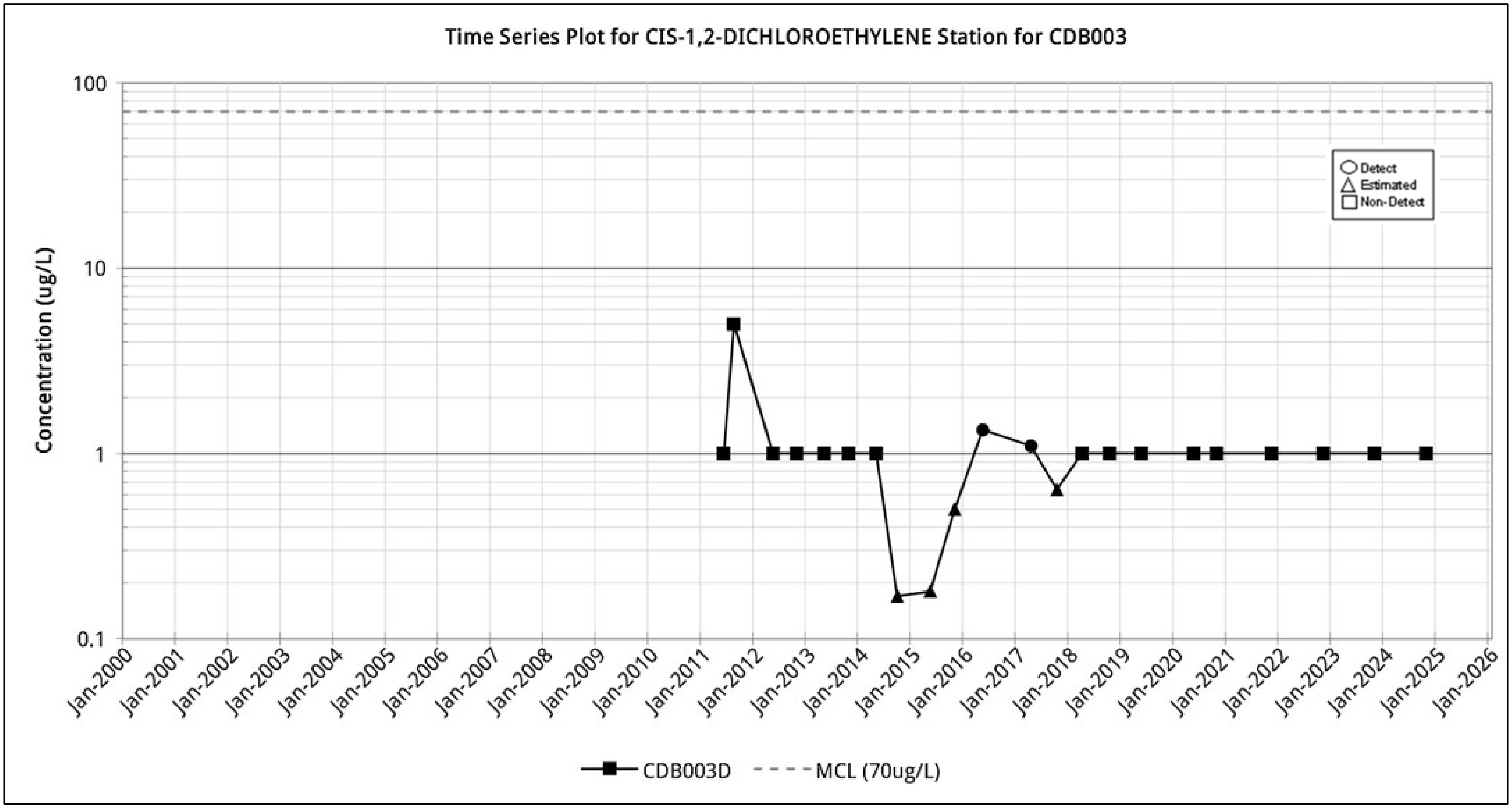

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CDB003
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CDB003D
MCL (70ug/L)

Figure C-58

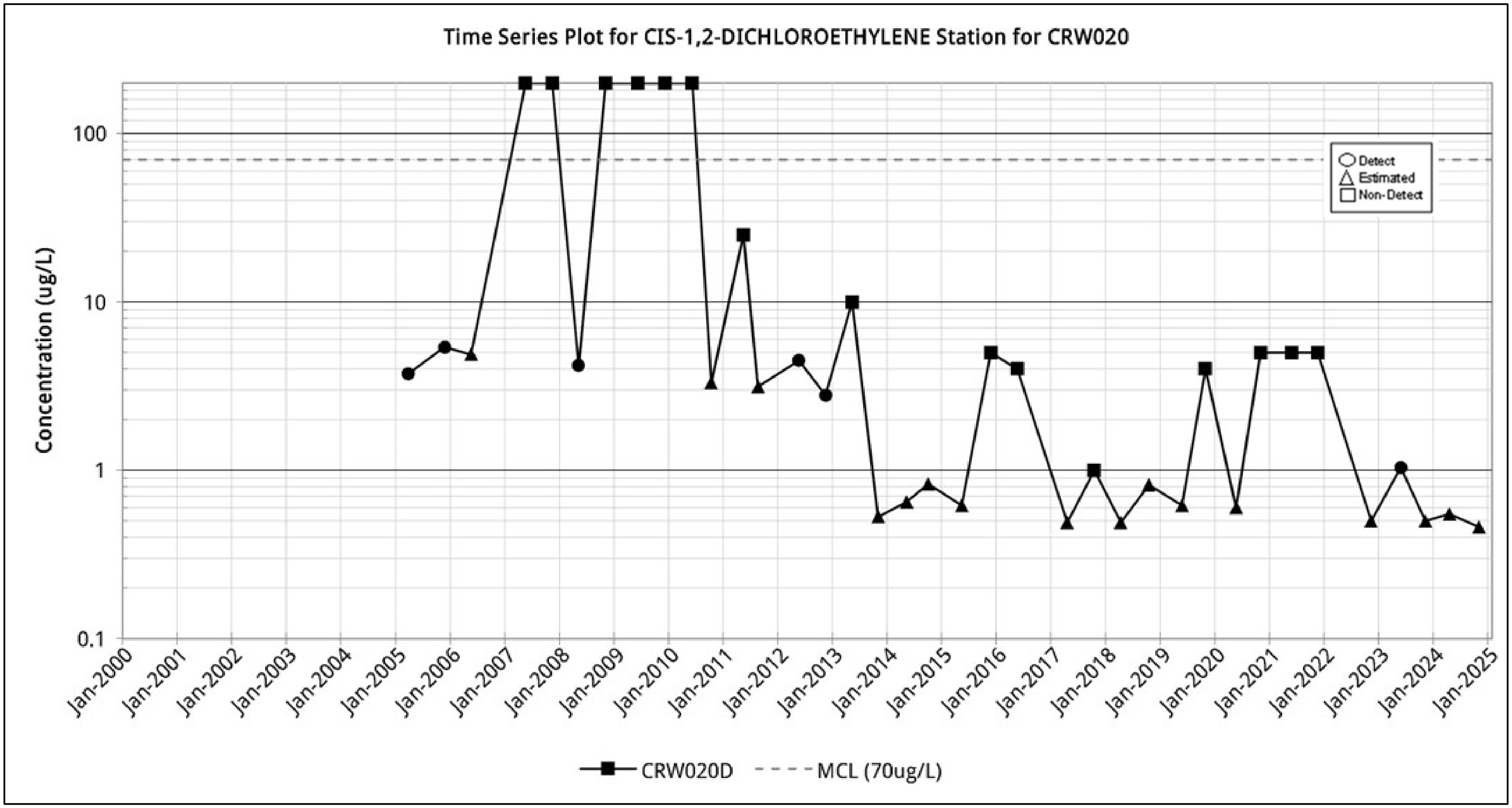

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW020
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
CRW020D
MCL (70ug/L)

Figure C-59

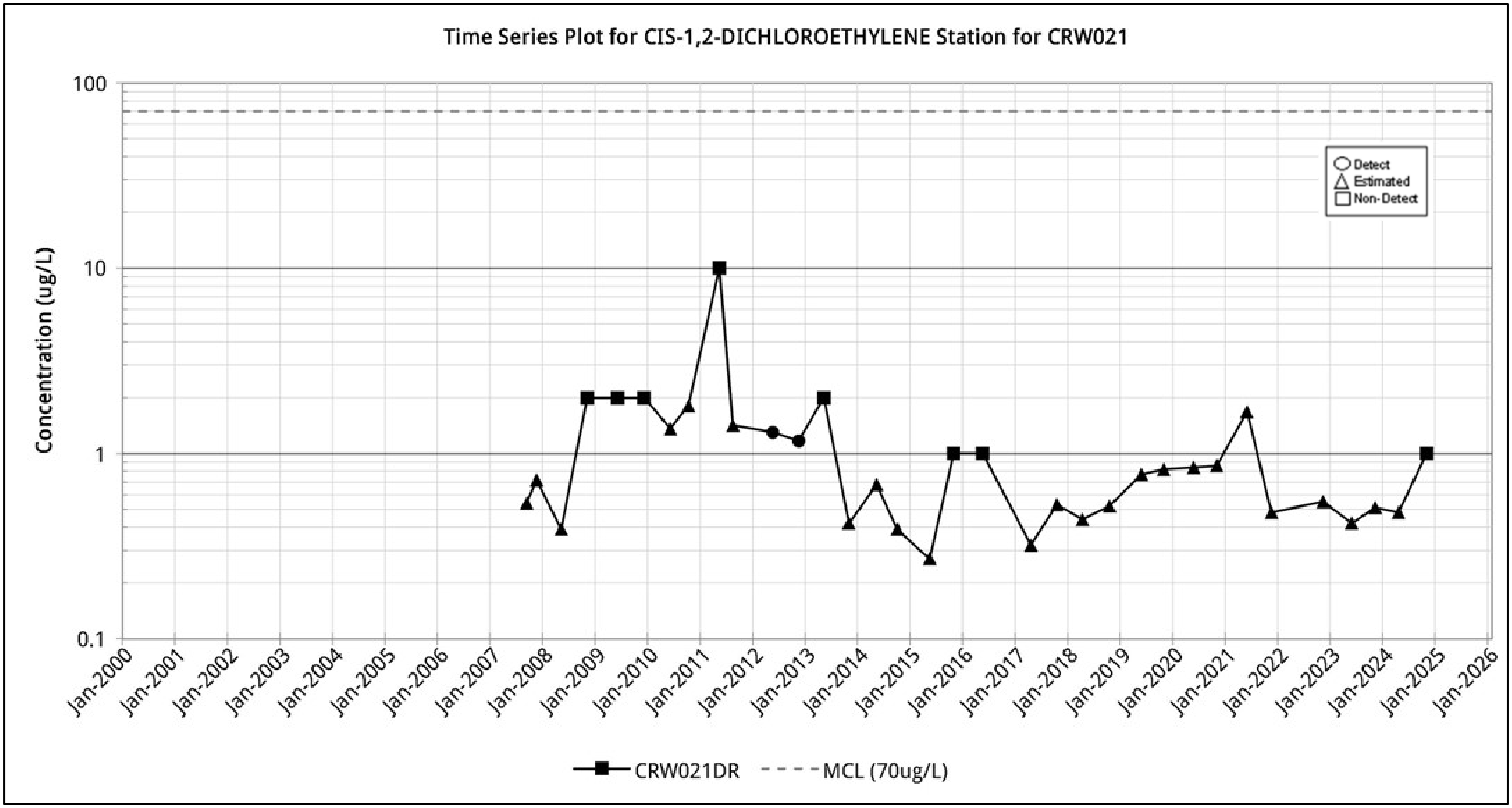

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW021
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW021DR
MCL (70ug/L)

Figure C-60

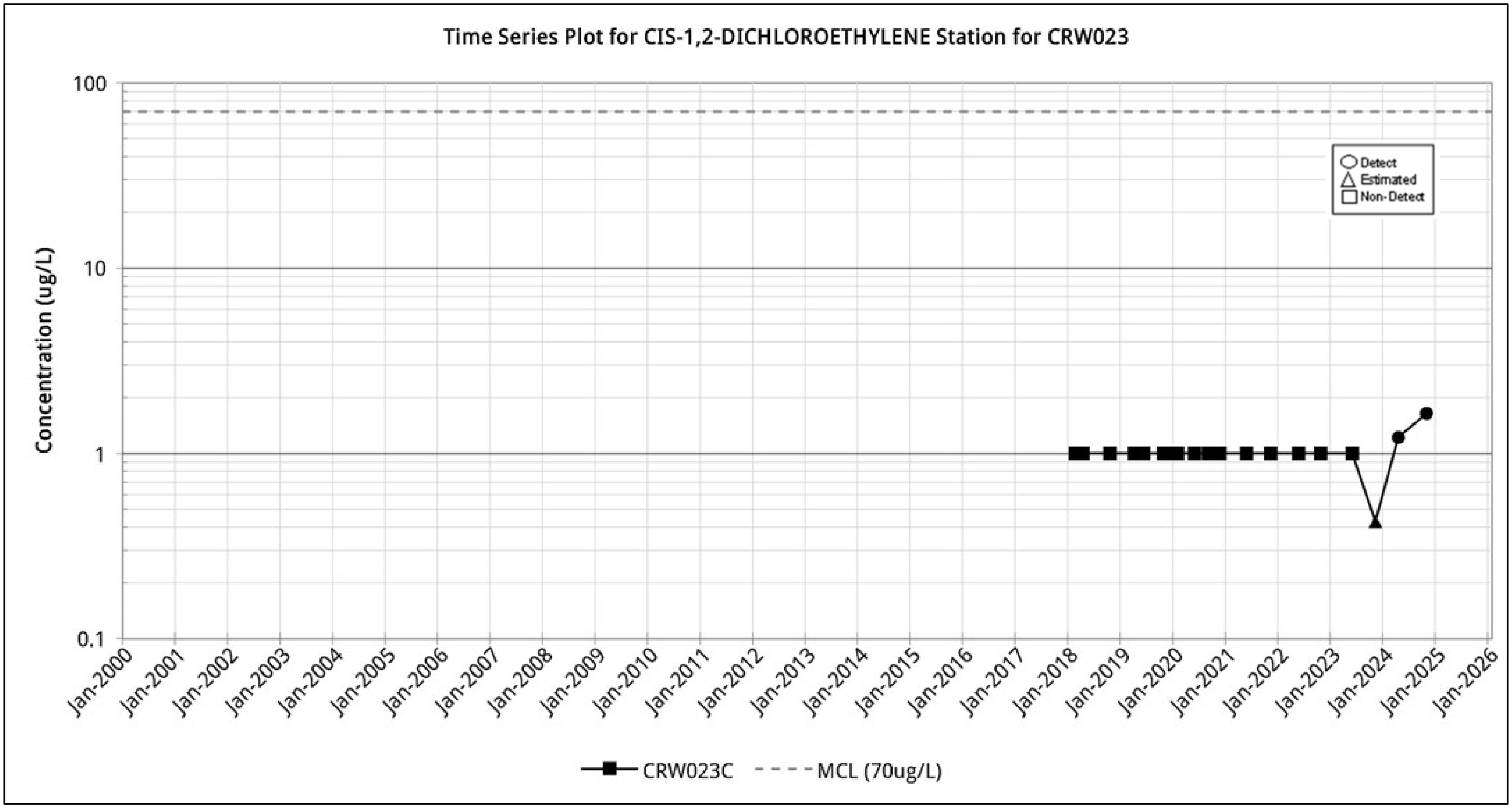

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW023
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW023C
MCL (70ug/L)

Figure C-61

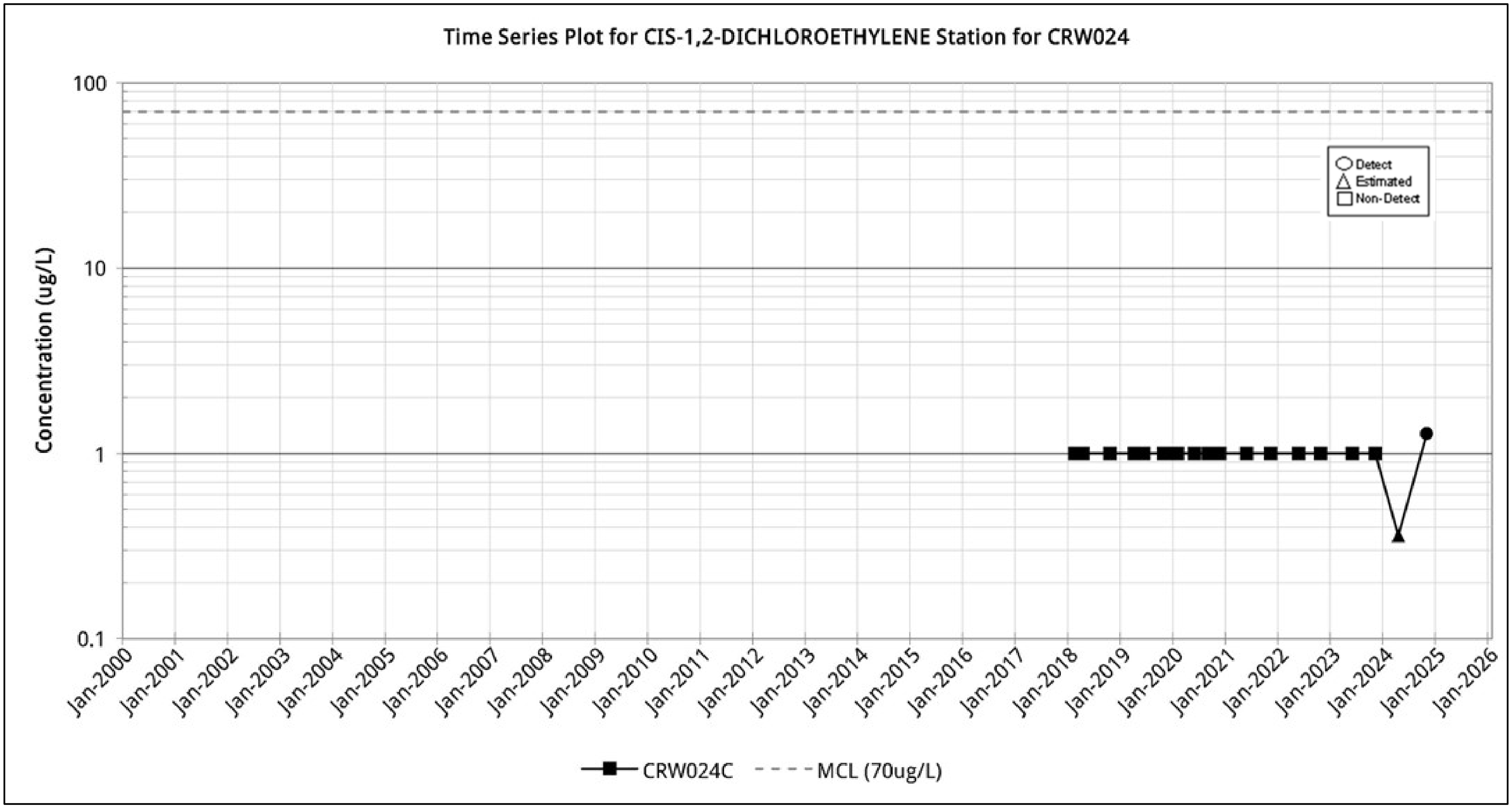

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW024
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW024C
MCL (70ug/L)

Figure C-62

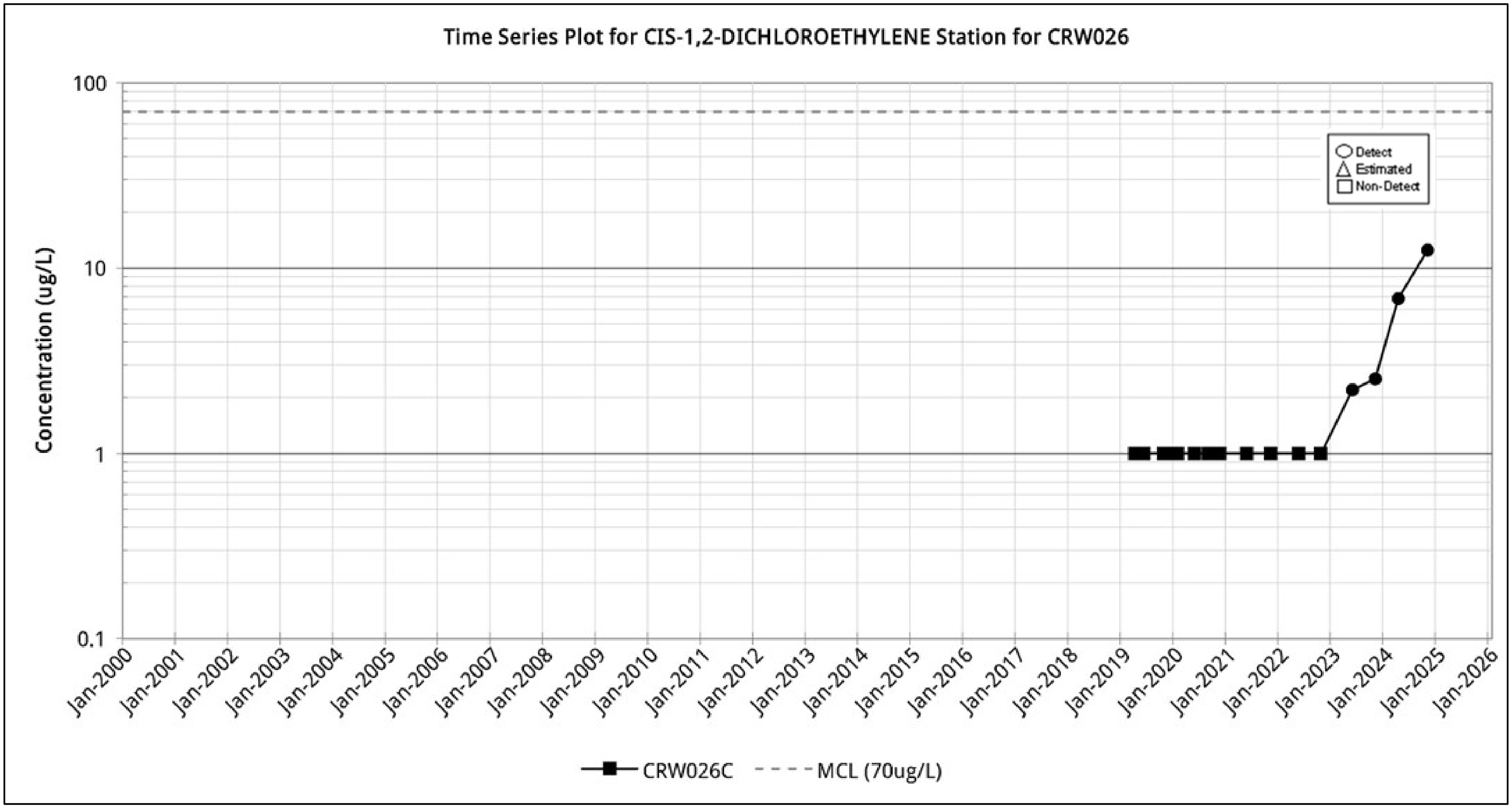

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW026
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW026C
MCL (70ug/L)

Figure C-63

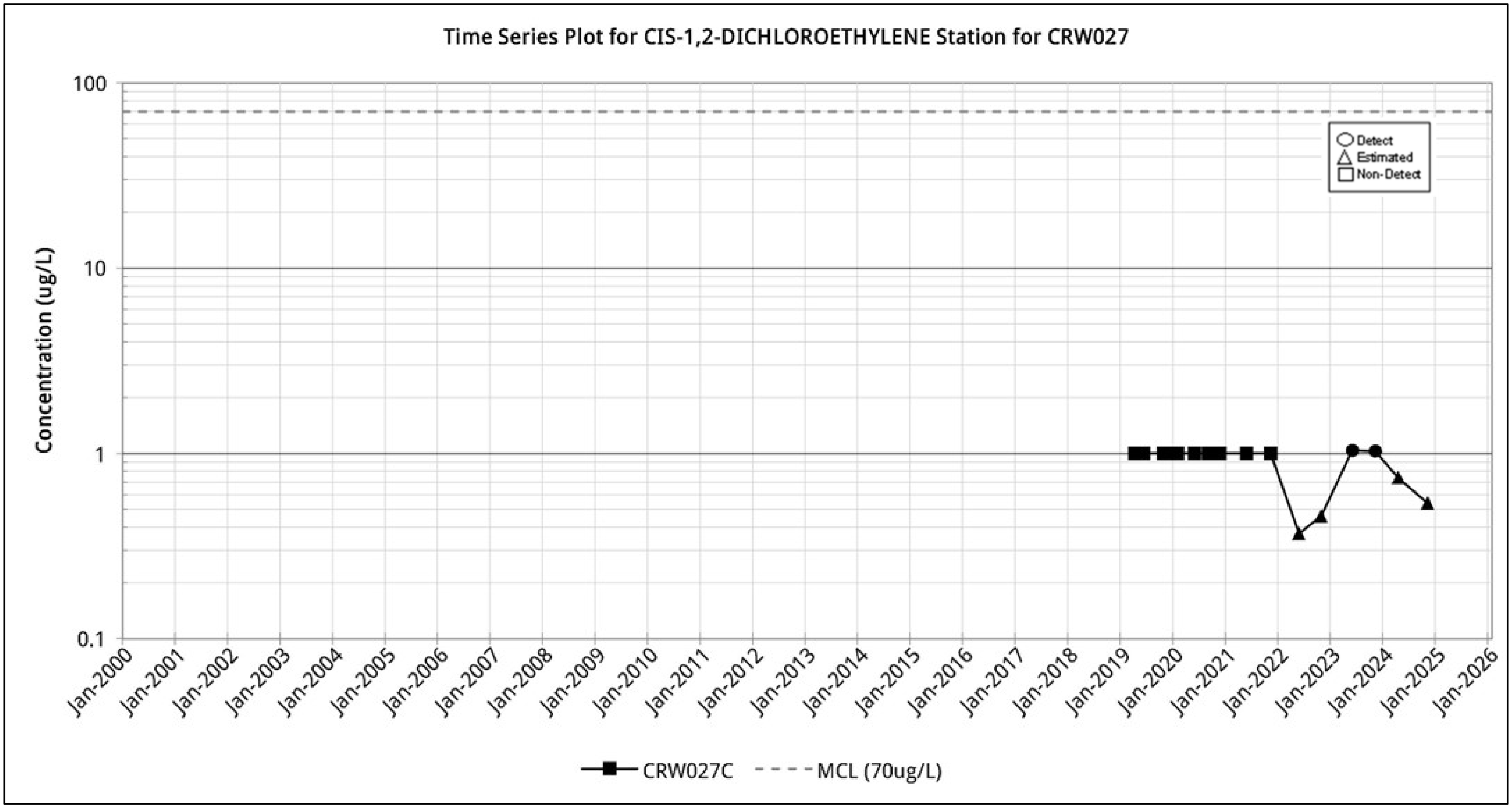

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW027
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW027C
MCL (70ug/L)

Figure C-64

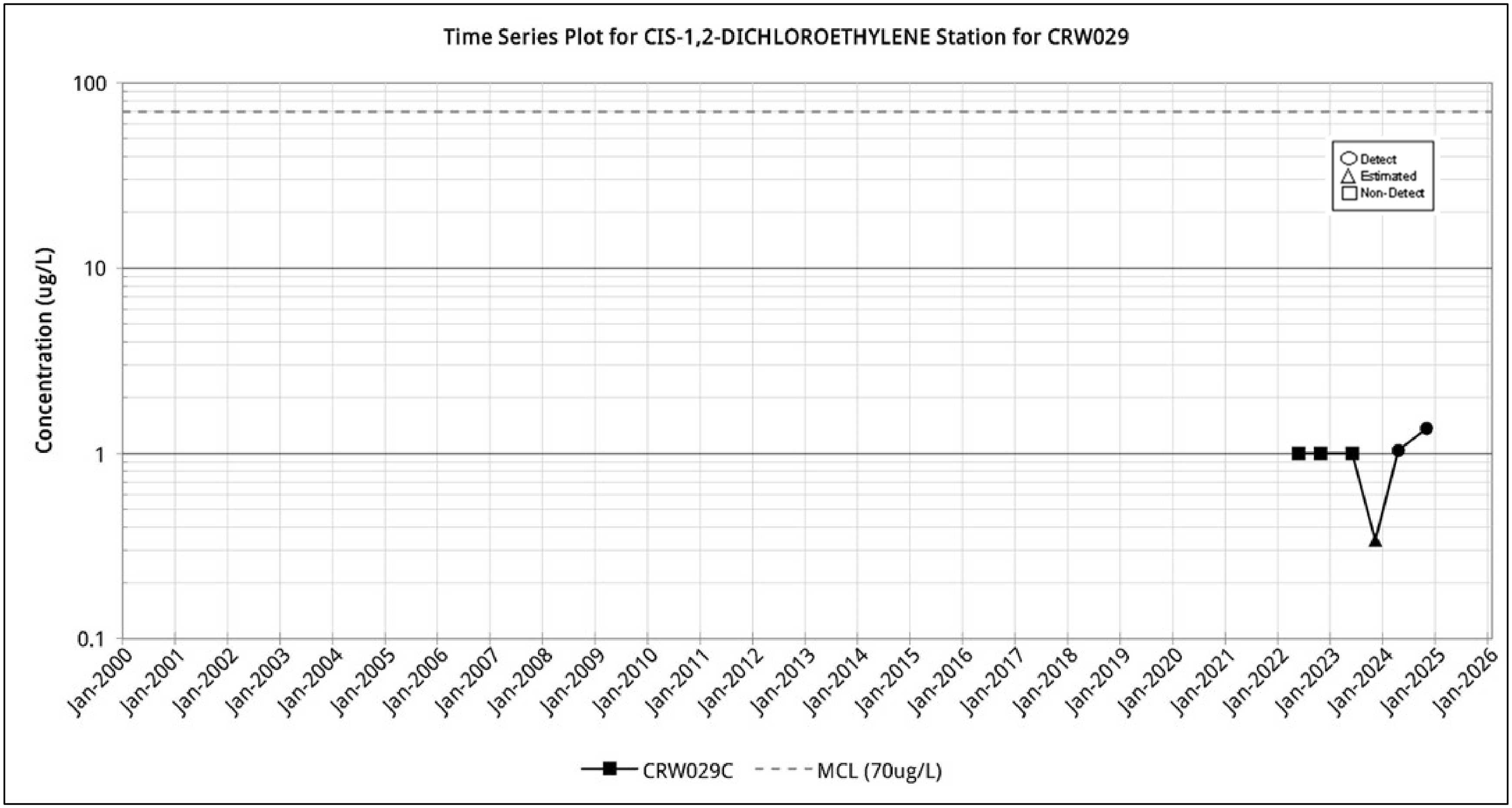

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for CRW029
Concentration (ug/L)
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW029C
MCL (70ug/L)

Figure C-65

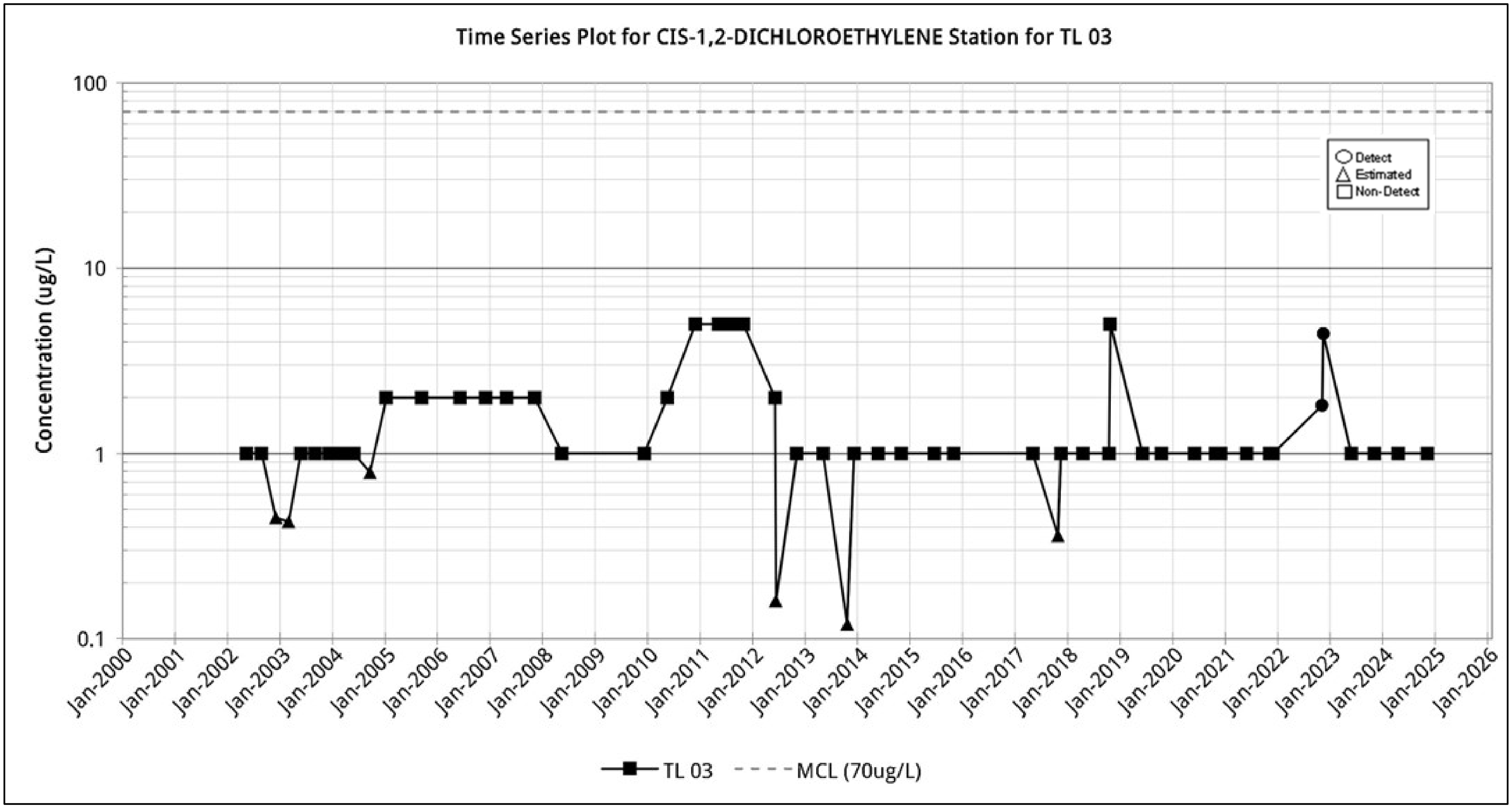

Time Series Plot for CIS-1,2-DICHLOROETHYLENE Station for TL 03
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
TL 03
MCL (70ug/L)

Figure C-66

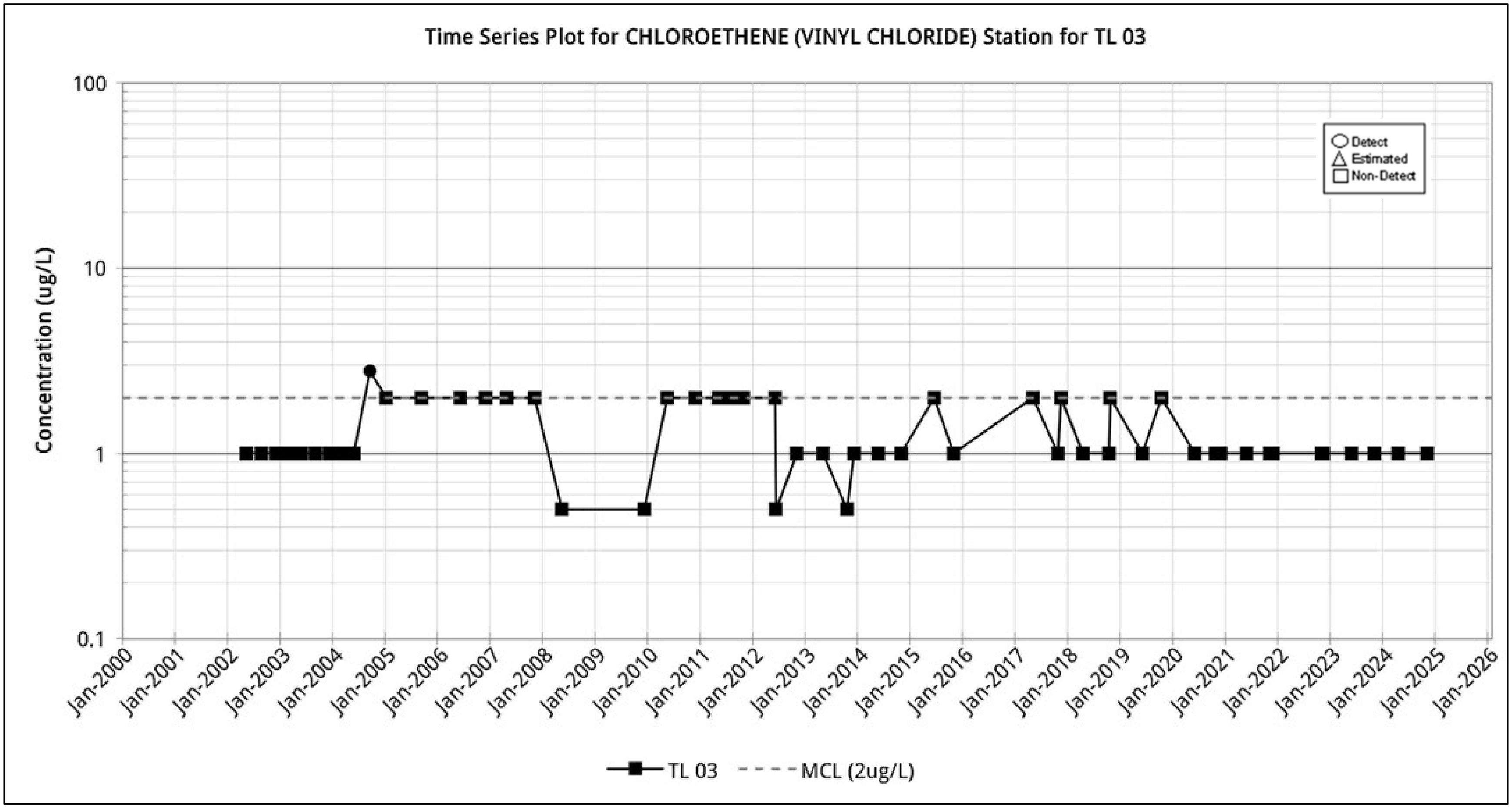

Time Series Plot for CHLOROETHENE (VINYL CHLORIDE) Station for TL 03
Concentration (ug/L)
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
TL 03
MCL (2ug/L)

Figure C-67

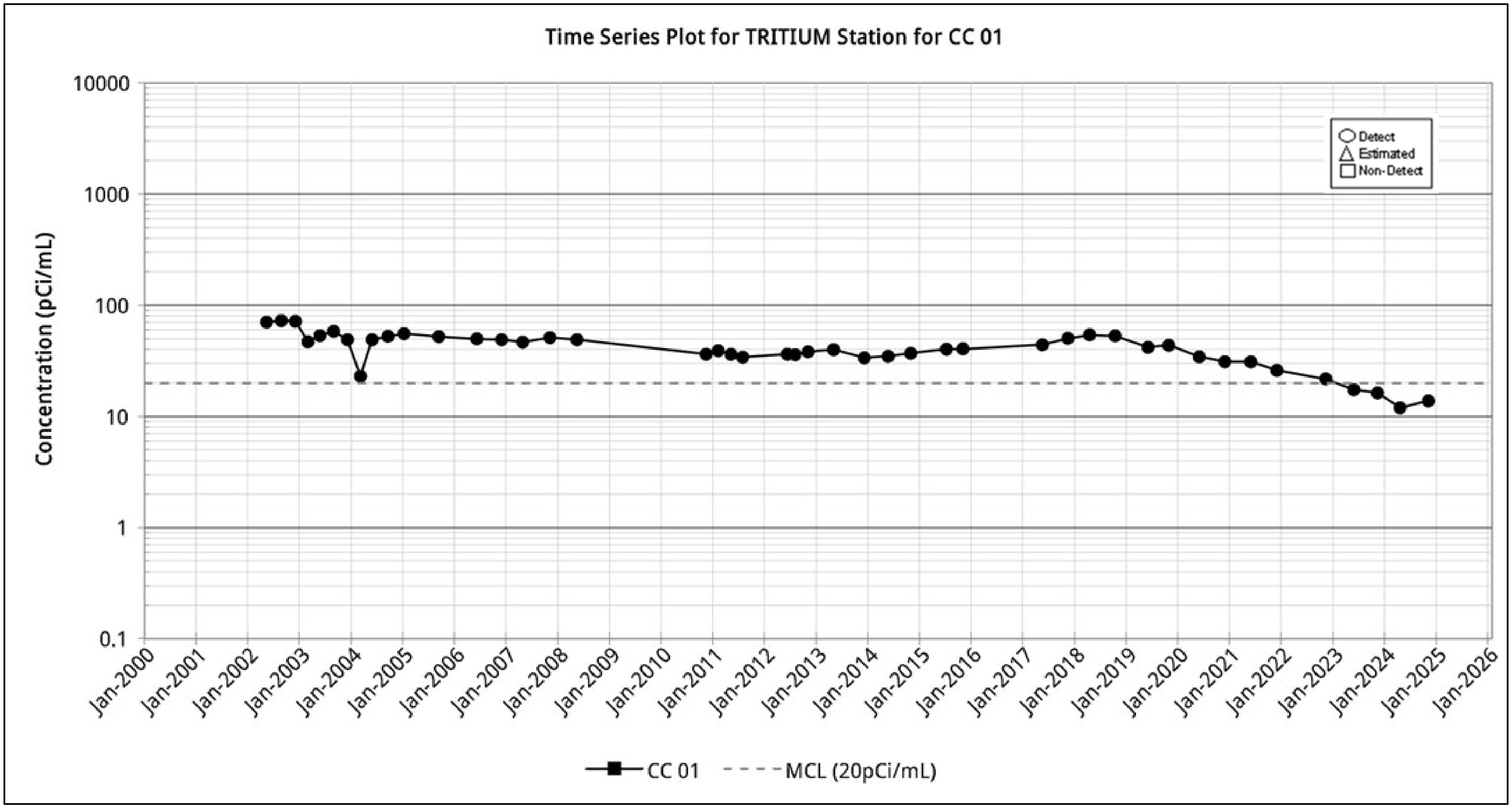

Time Series Plot for TRITIUM Station for CC 01
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CC 01
MCL (20pCi/mL)

Figure C-68

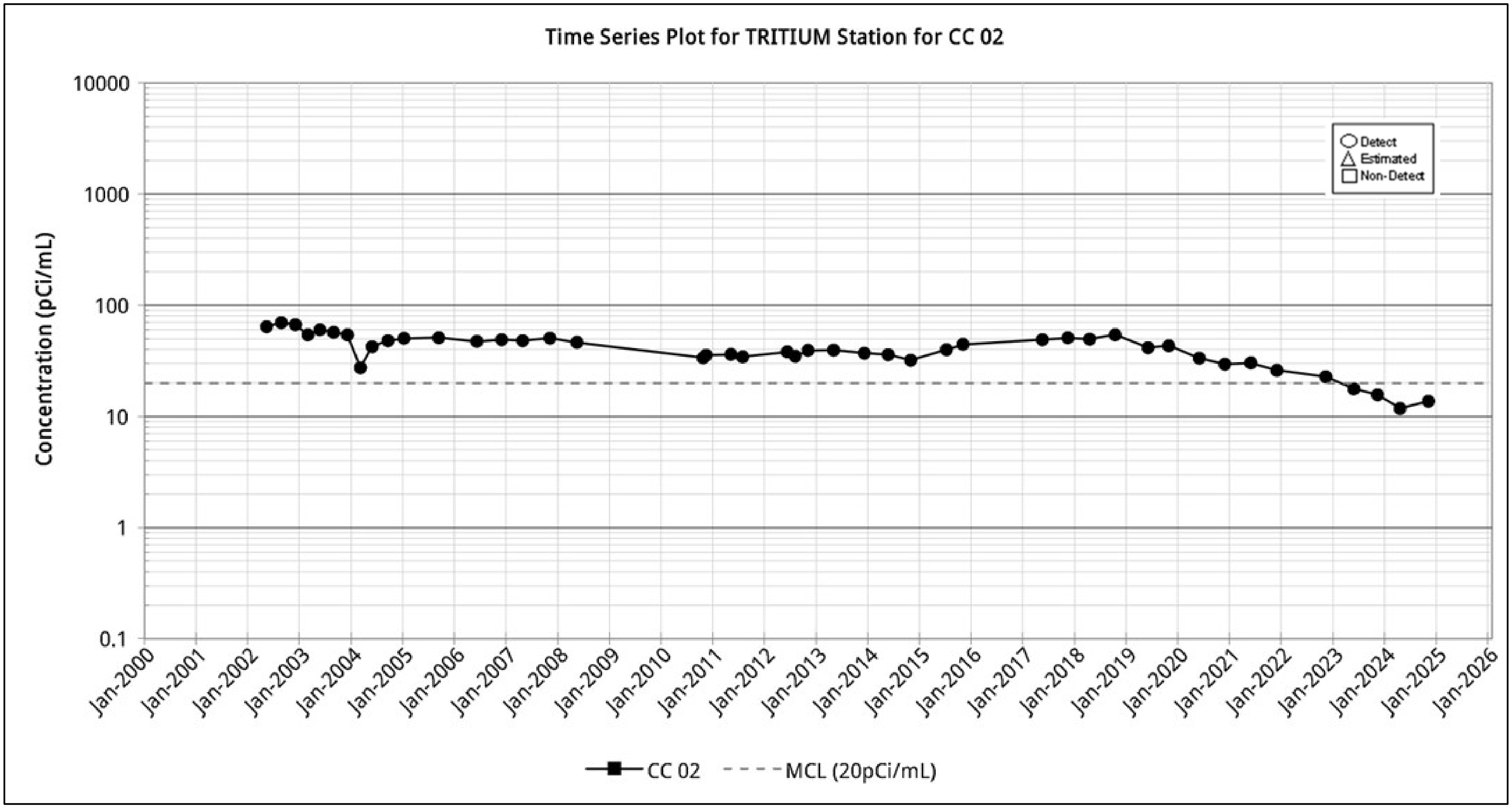

Time Series Plot for TRITIUM Station for CC 02
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CC 02
MCL (20pCi/mL)

Figure C-69

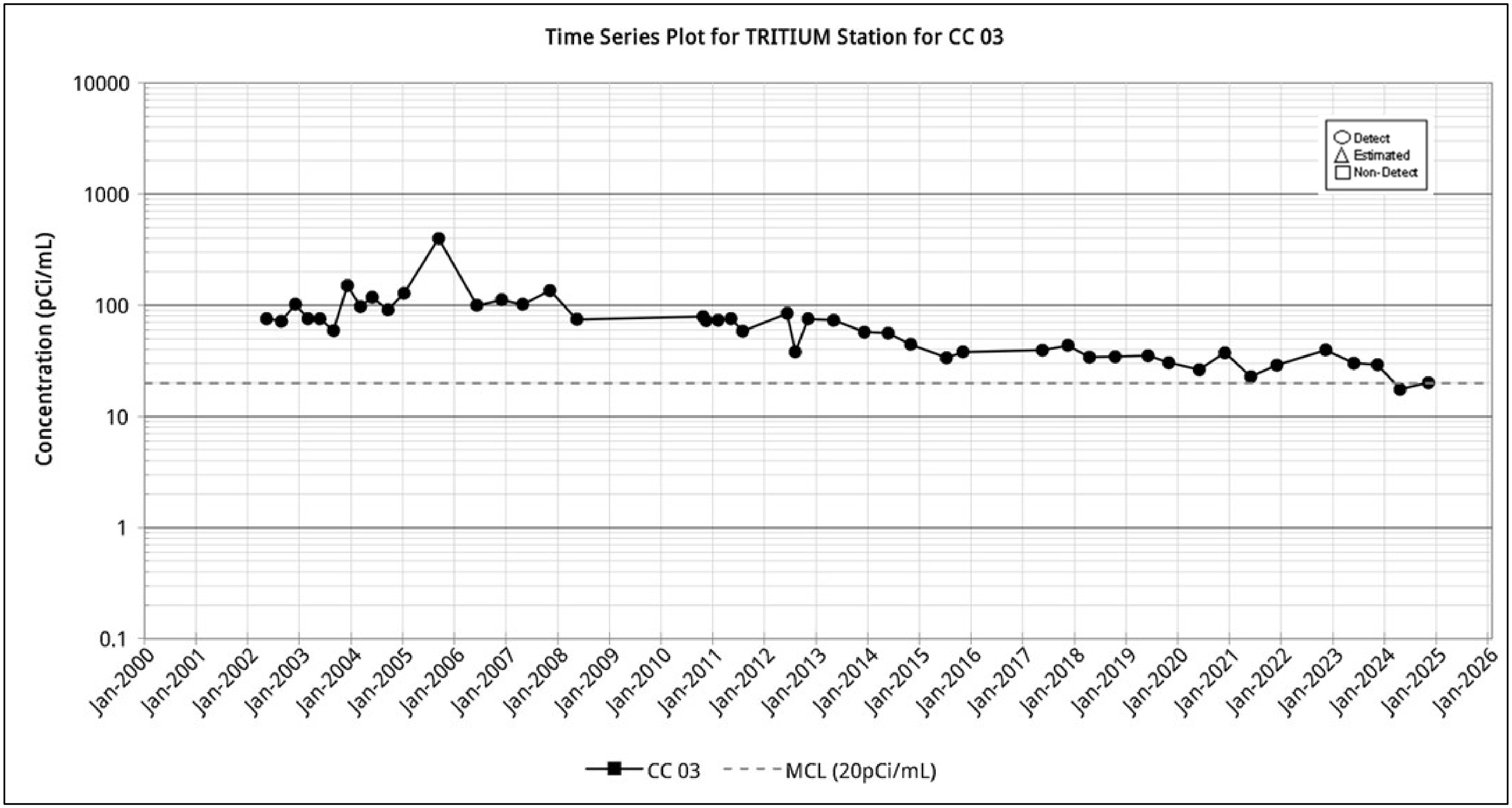

Time Series Plot for TRITIUM Station for CC 03
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CC 03
MCL (20pCi/mL)

Figure C-70

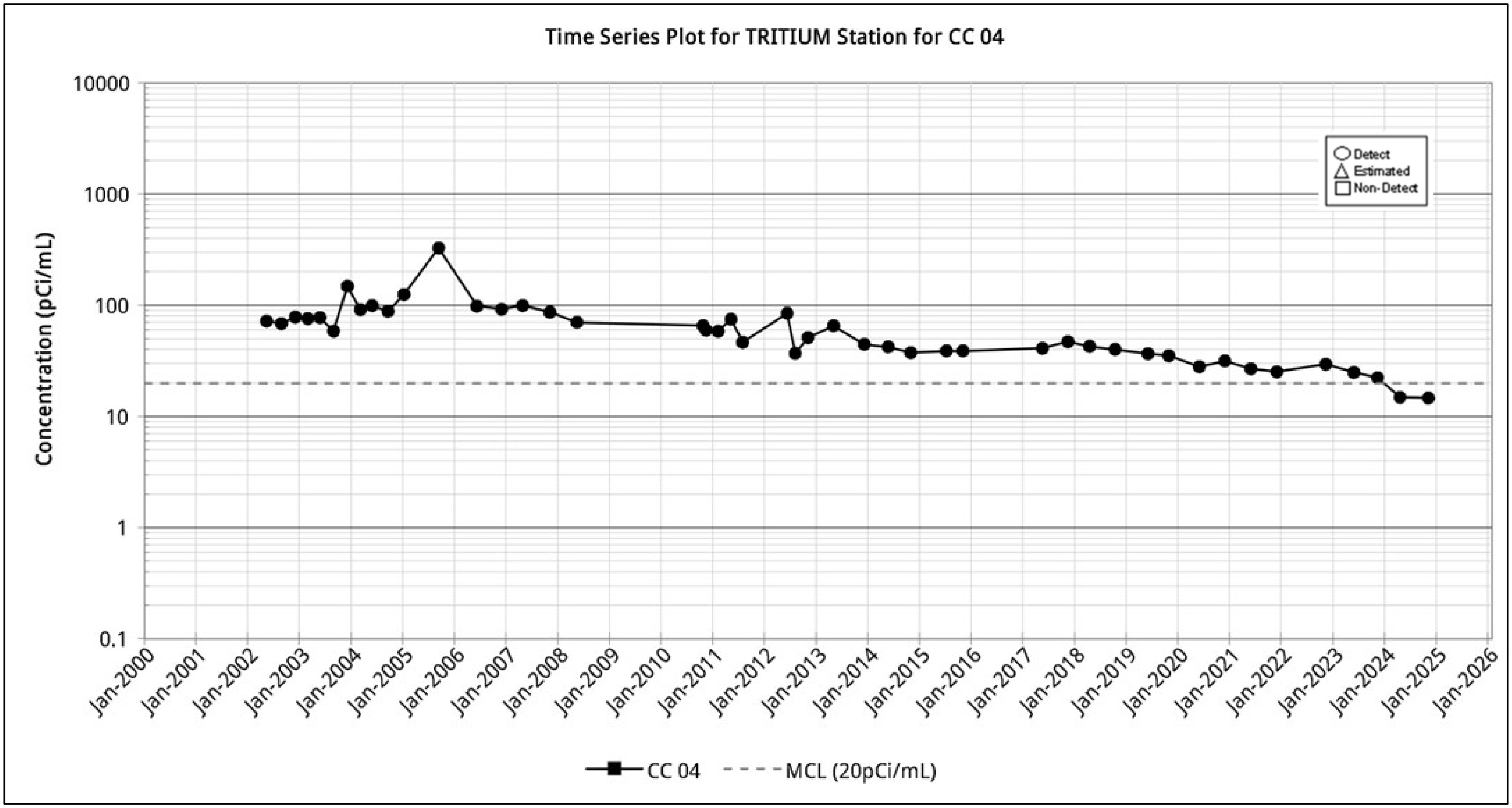

Time Series Plot for TRITIUM Station for CC 04
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CC 04
MCL (20pCi/mL)

Figure C-71

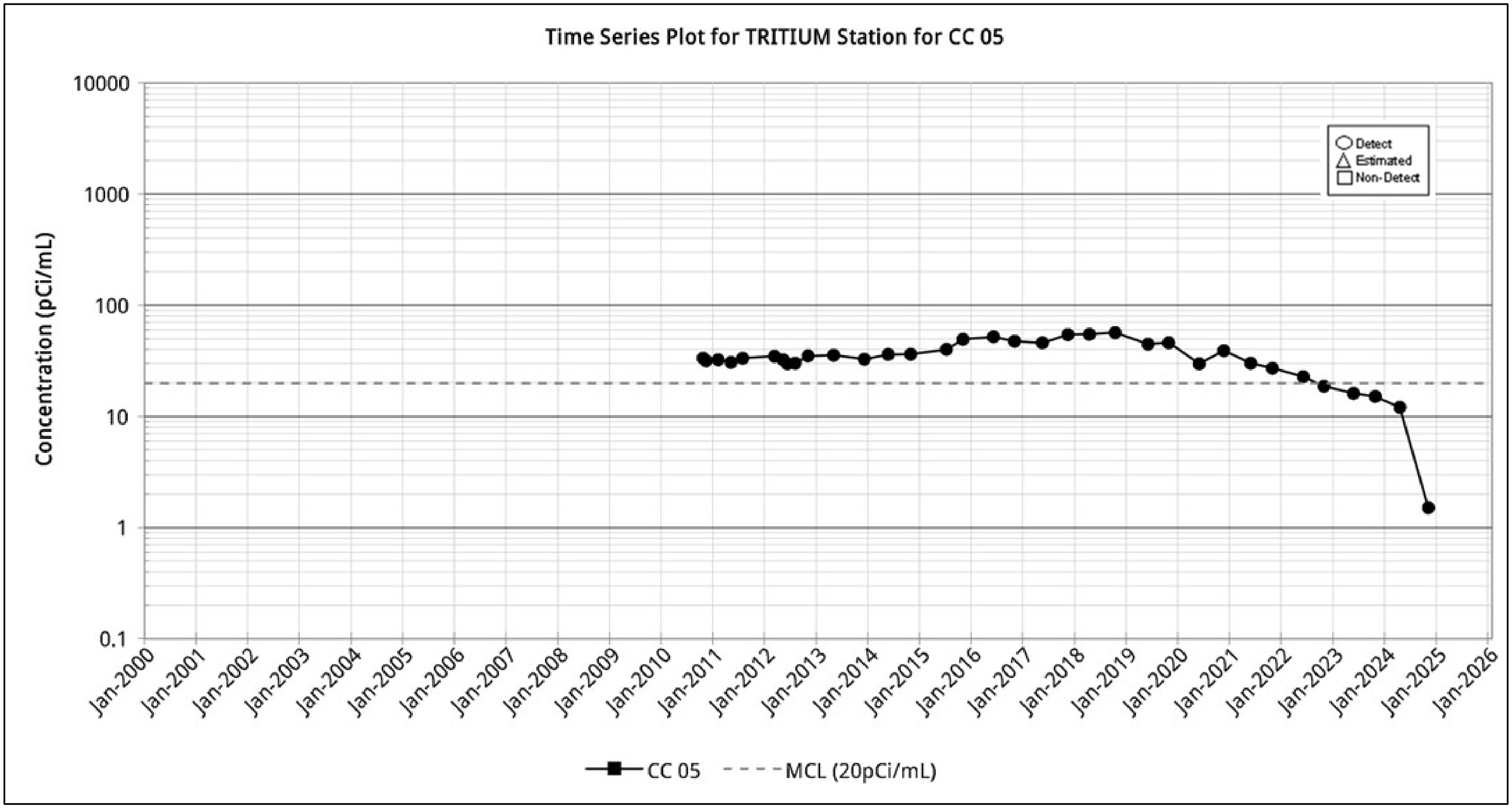

Time Series Plot for TRITIUM Station for CC 05
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CC 05
MCL (20pCi/mL)

Figure C-72

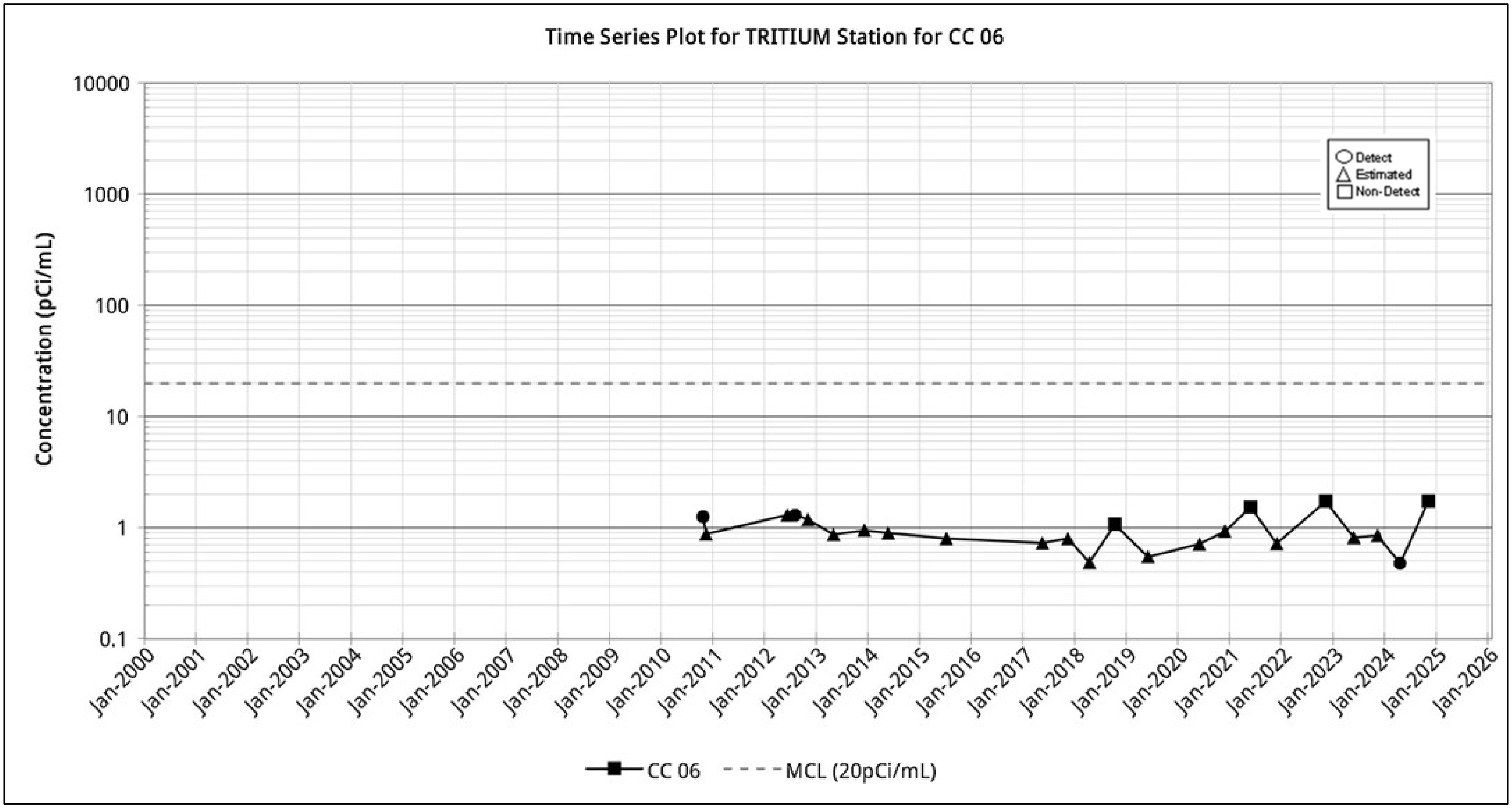

Time Series Plot for TRITIUM Station for CC 06
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CC 06
MCL (20pCi/mL)

Figure C-73

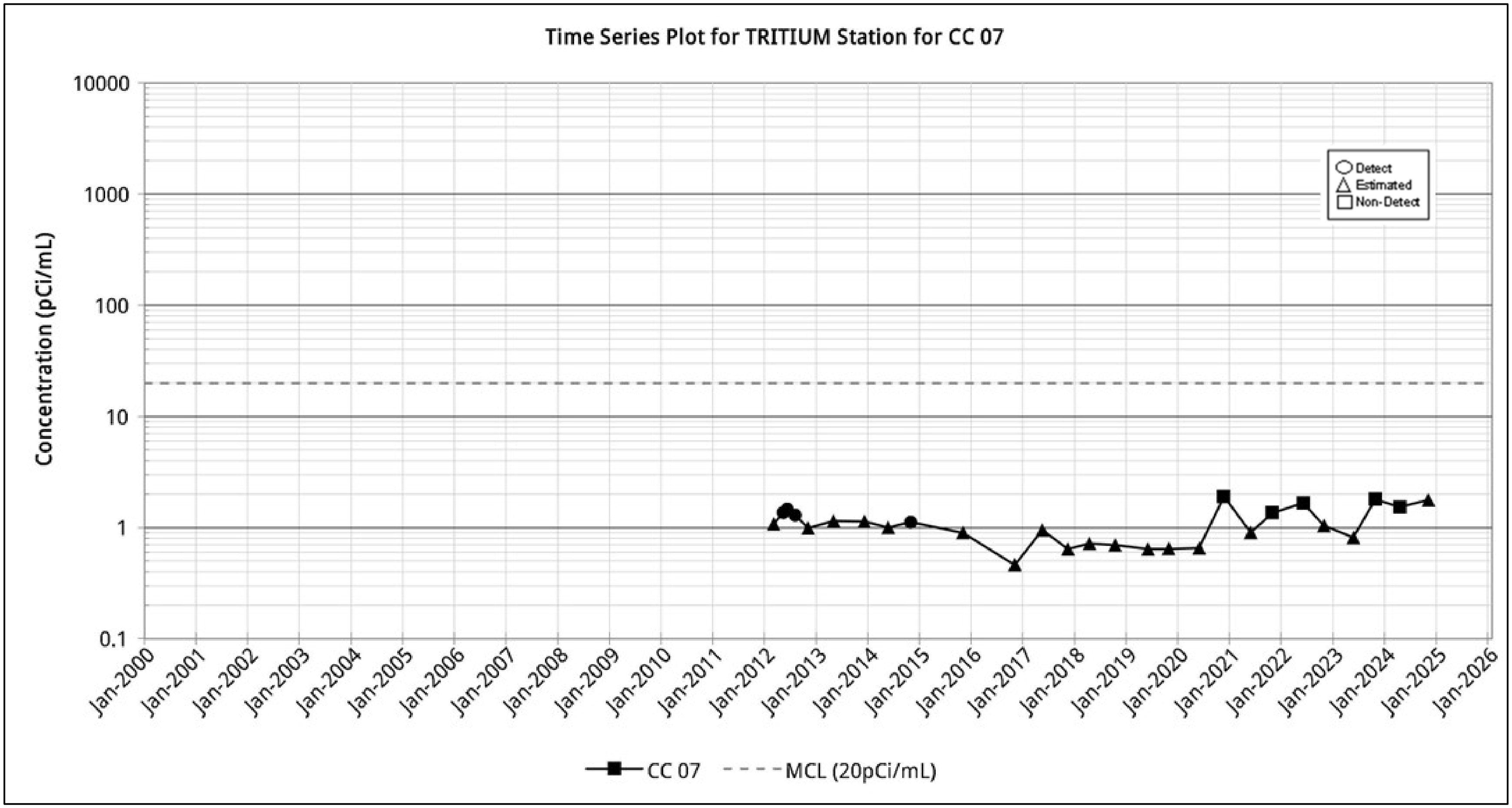

Time Series Plot for TRITIUM Station for CC 07
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CC 07
MCL (20pCi/mL)

Figure C-74

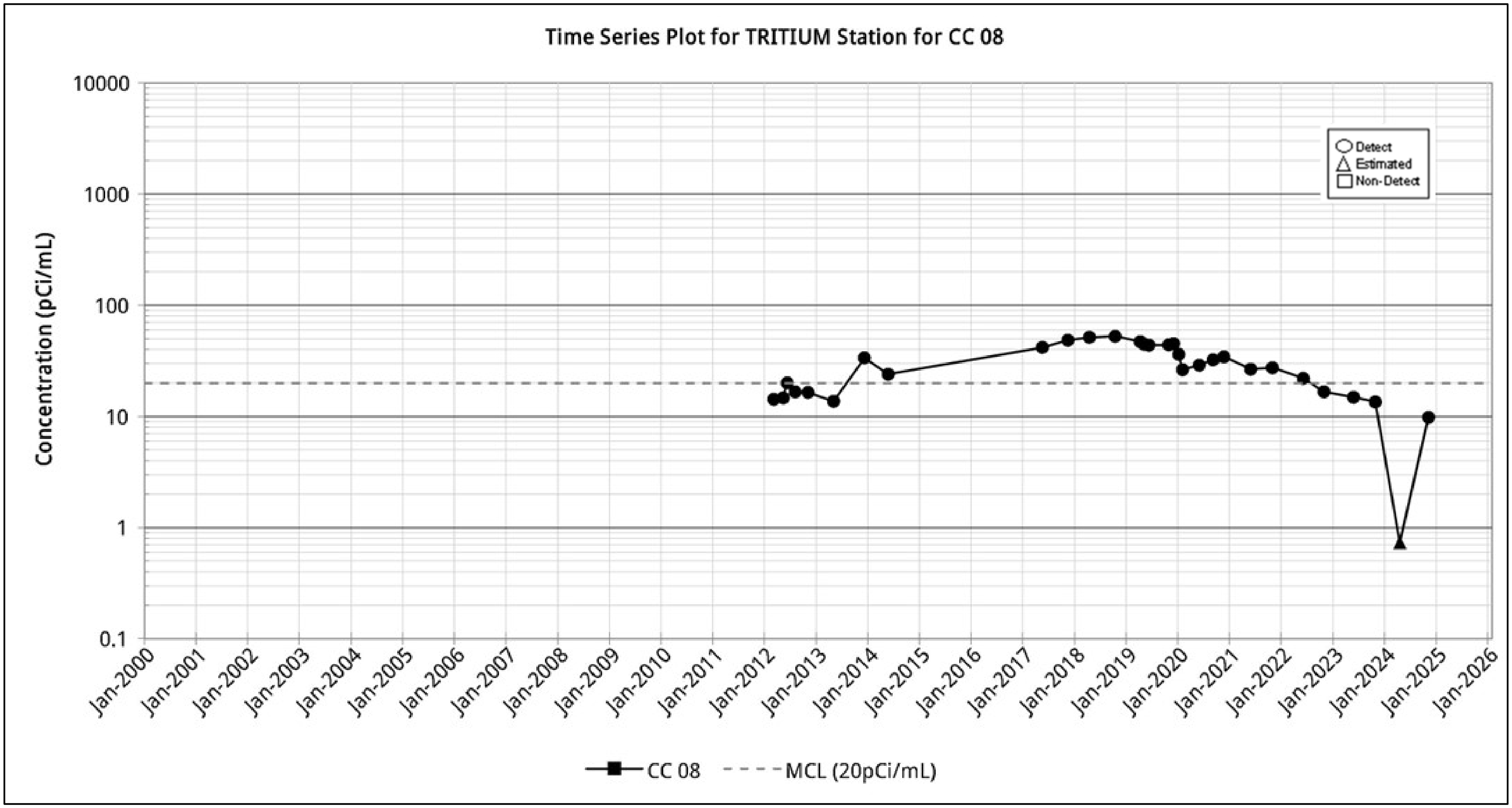

Time Series Plot for TRITIUM Station for CC 08
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CC 08
MCL (20pCi/mL)

Figure C-75

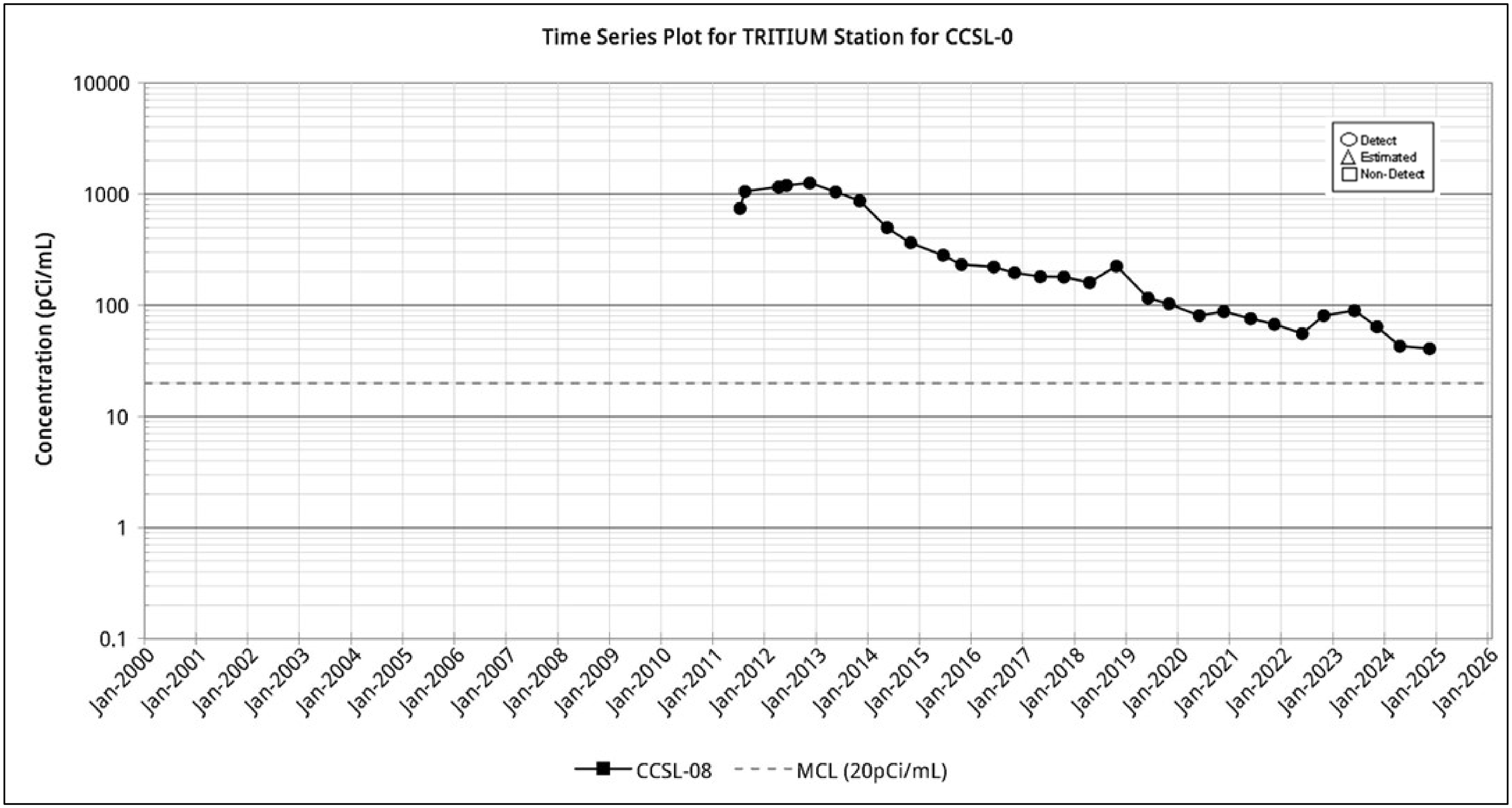

Time Series Plot for TRITIUM Station for CCSL-0
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CCSL-08
MCL (20pCi/mL)

Figure C-76

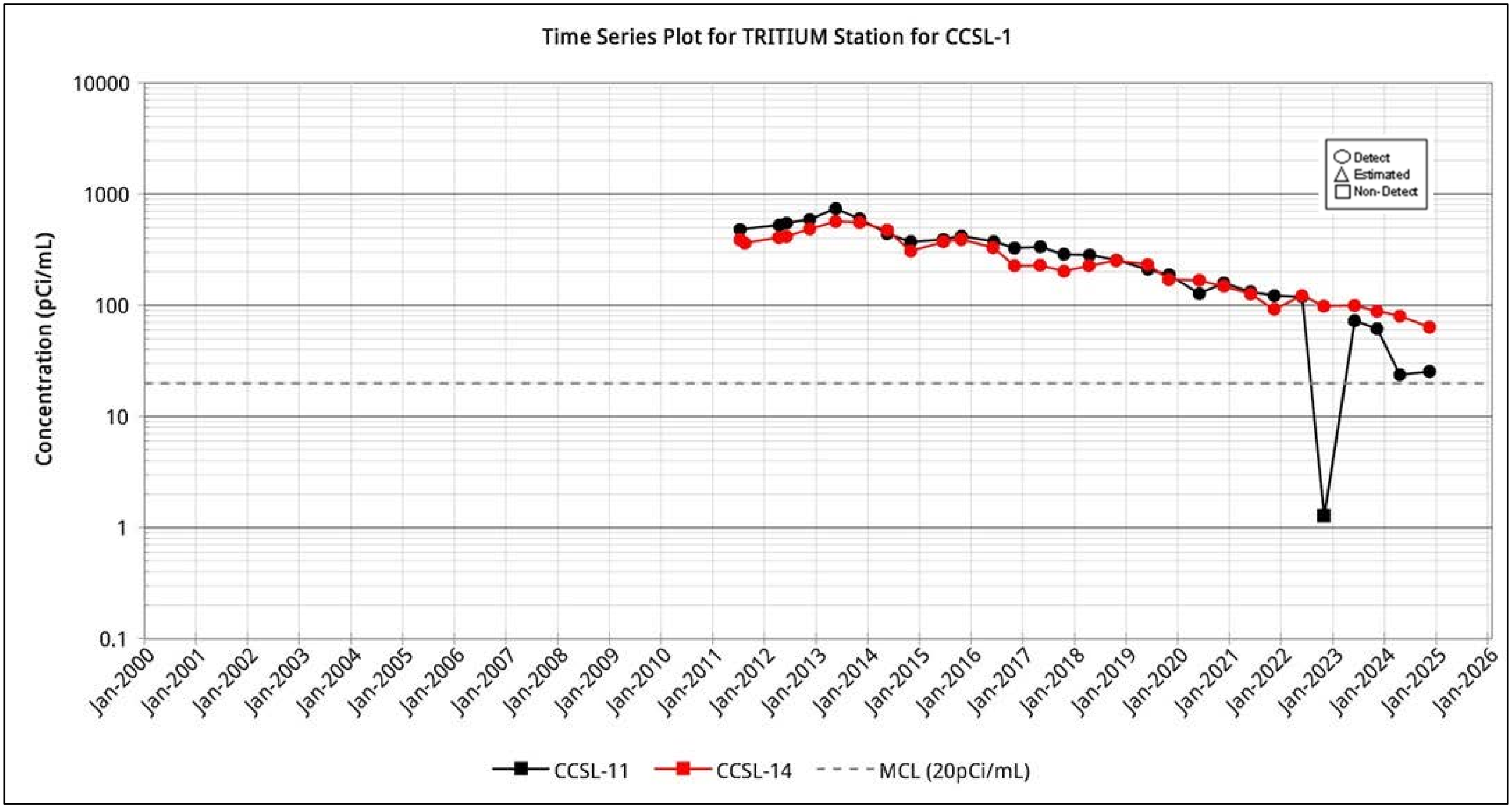

Time Series Plot for TRITIUM Station for CCSL-1
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CCSL-11
CCSL-14
MCL (20pCi/mL)

Figure C-77

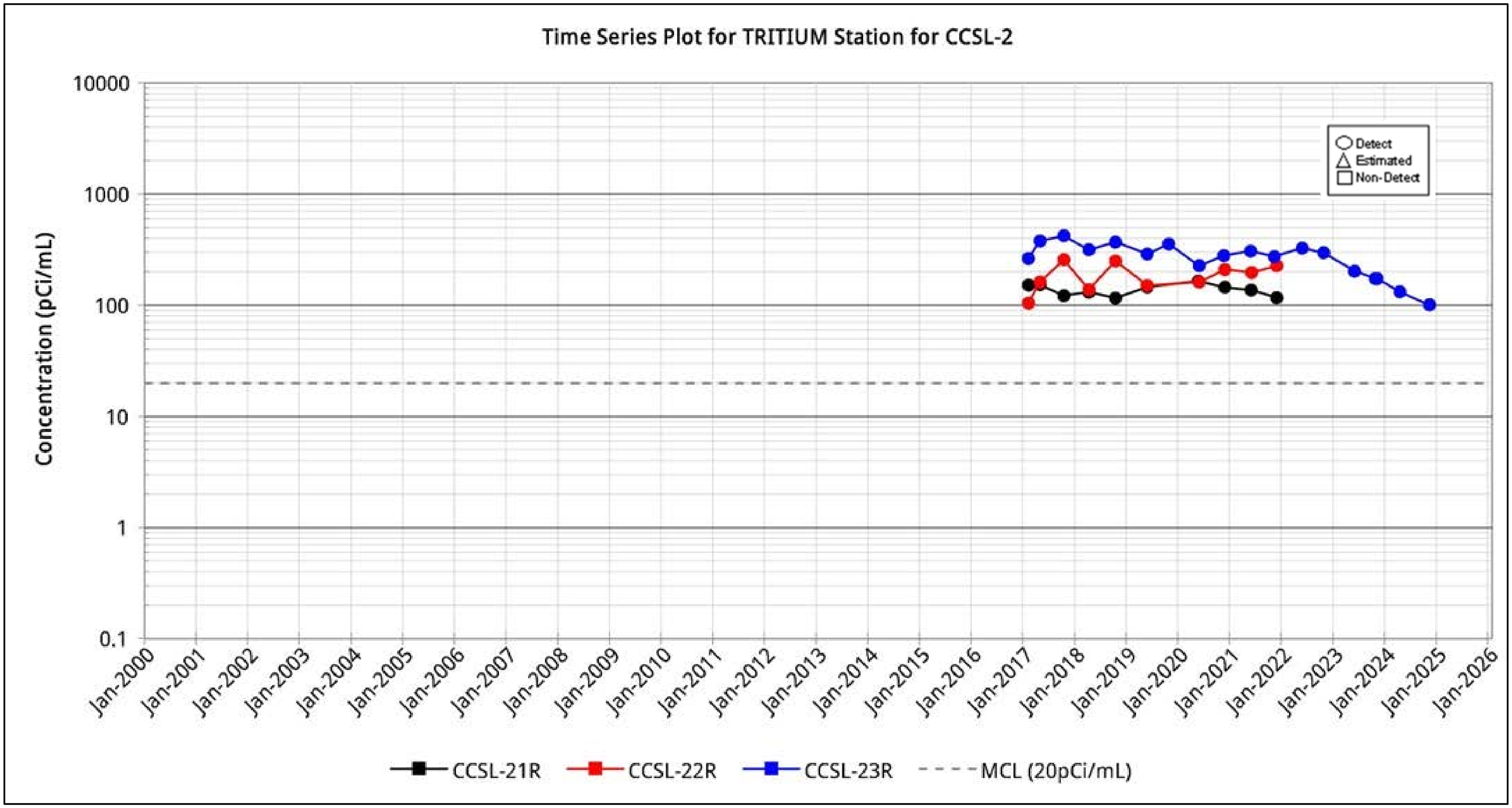

Time Series Plot for TRITIUM Station for CCSL-2
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCSL-21R
CCSL-22R
CCSL-23R
MCL (20pCi/mL)

Figure C-78

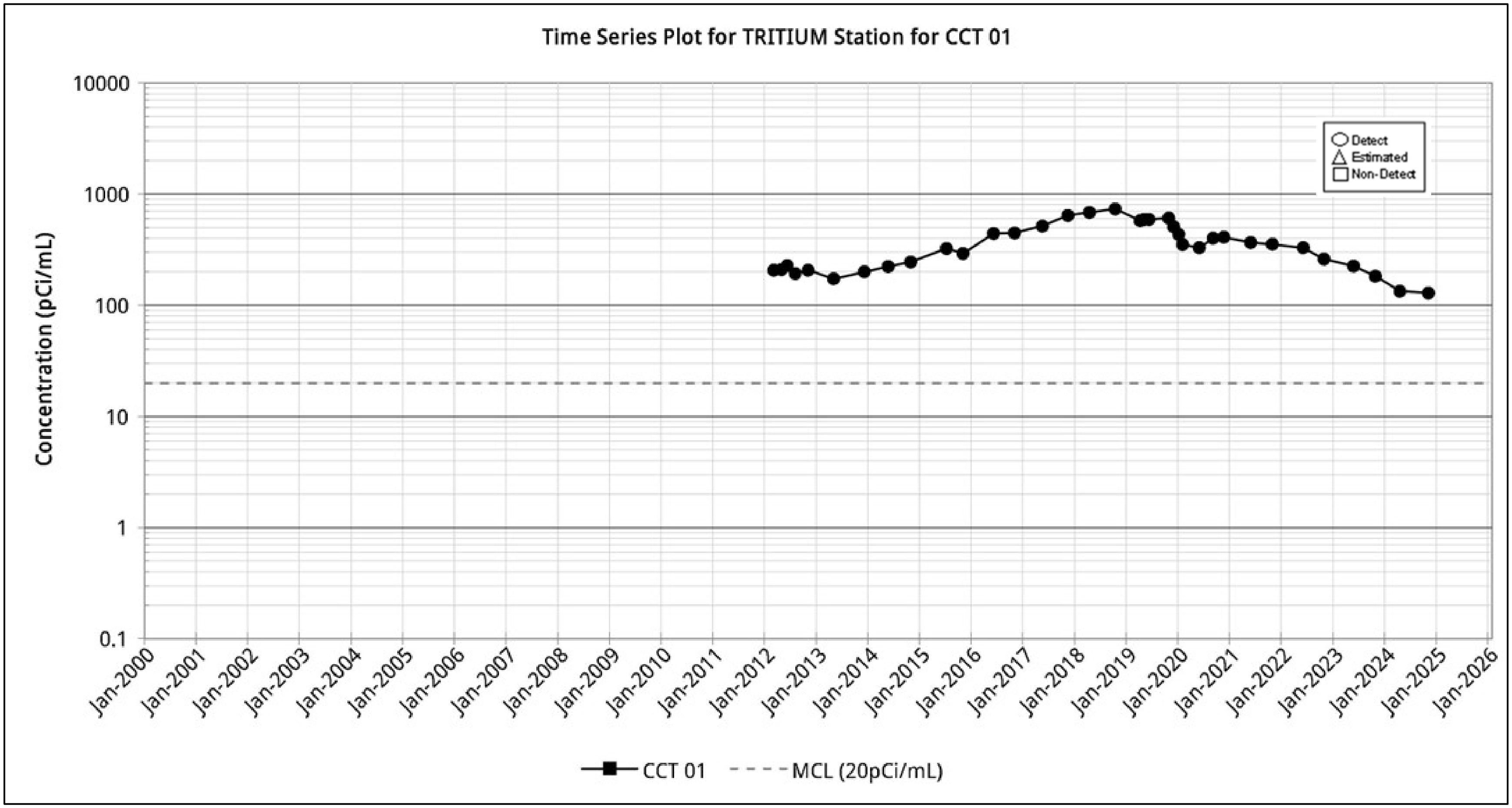

Time Series Plot for TRITIUM Station for CCT 01
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CCT 01
MCL (20pCi/mL)

Figure C-79

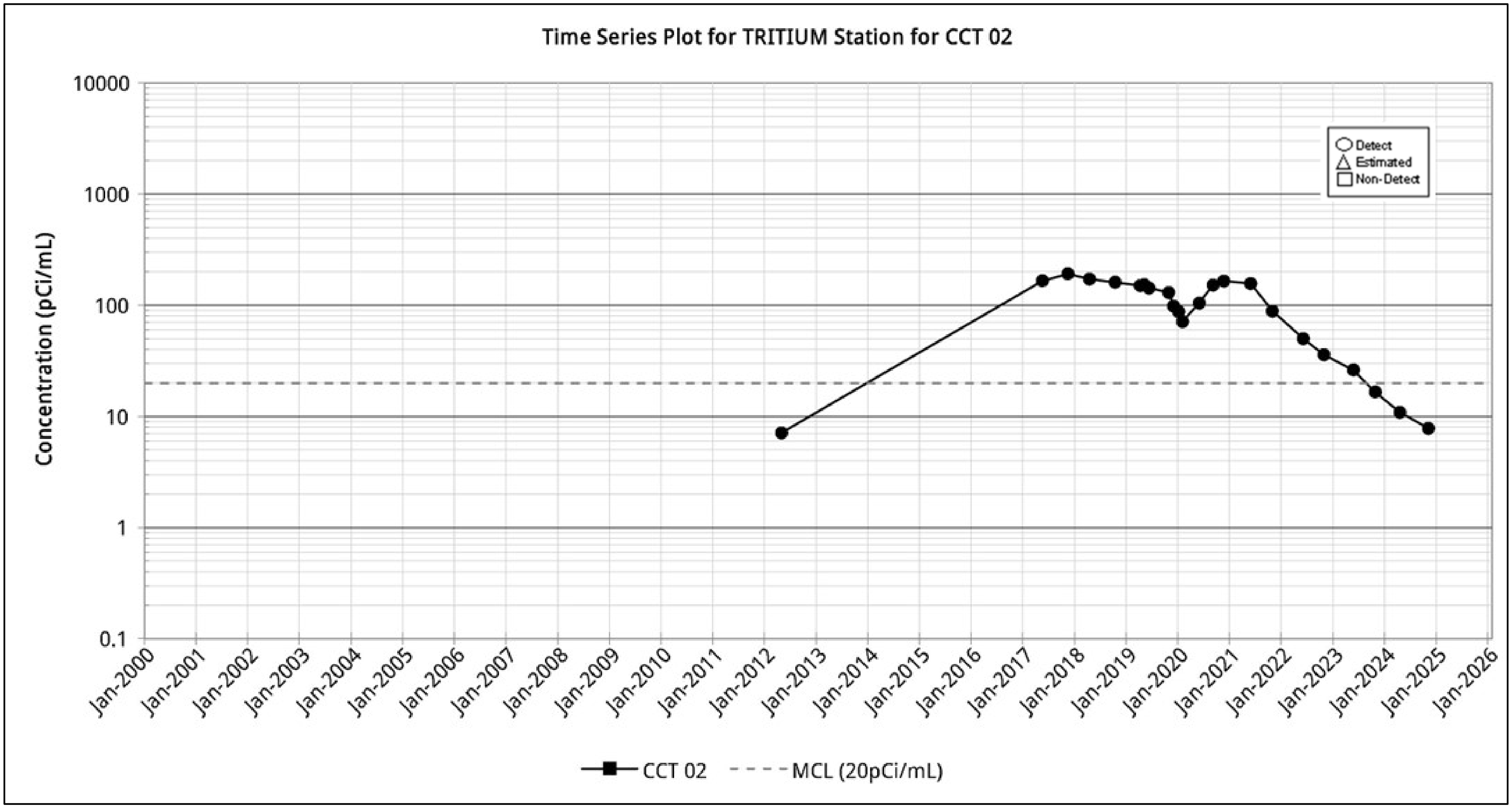

Time Series Plot for TRITIUM Station for CCT 02
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CCT 02
MCL (20pCi/mL)

Figure C-80

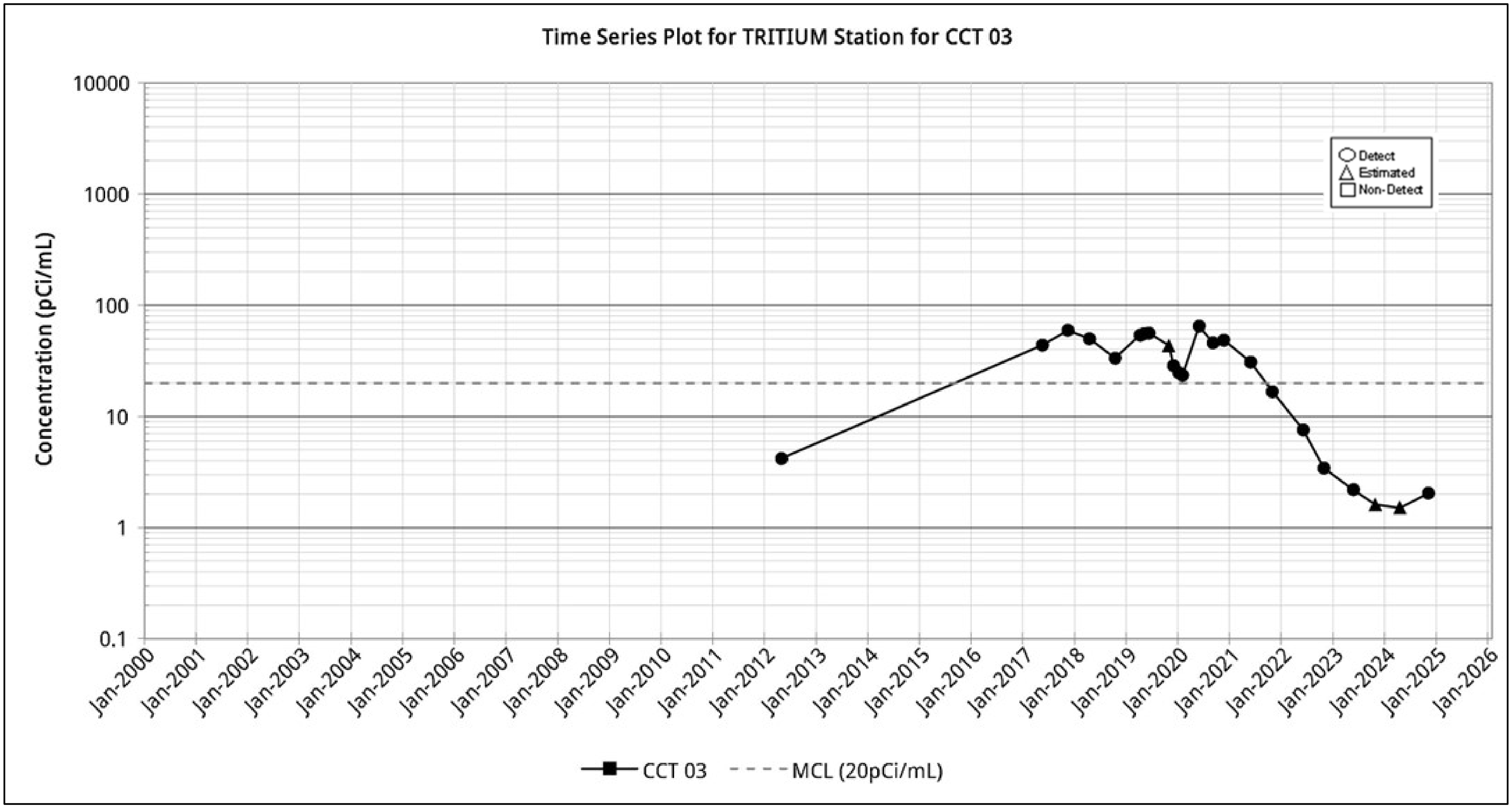

Time Series Plot for TRITIUM Station for CCT 03
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CCT 03
MCL (20pCi/mL)

Figure C-81

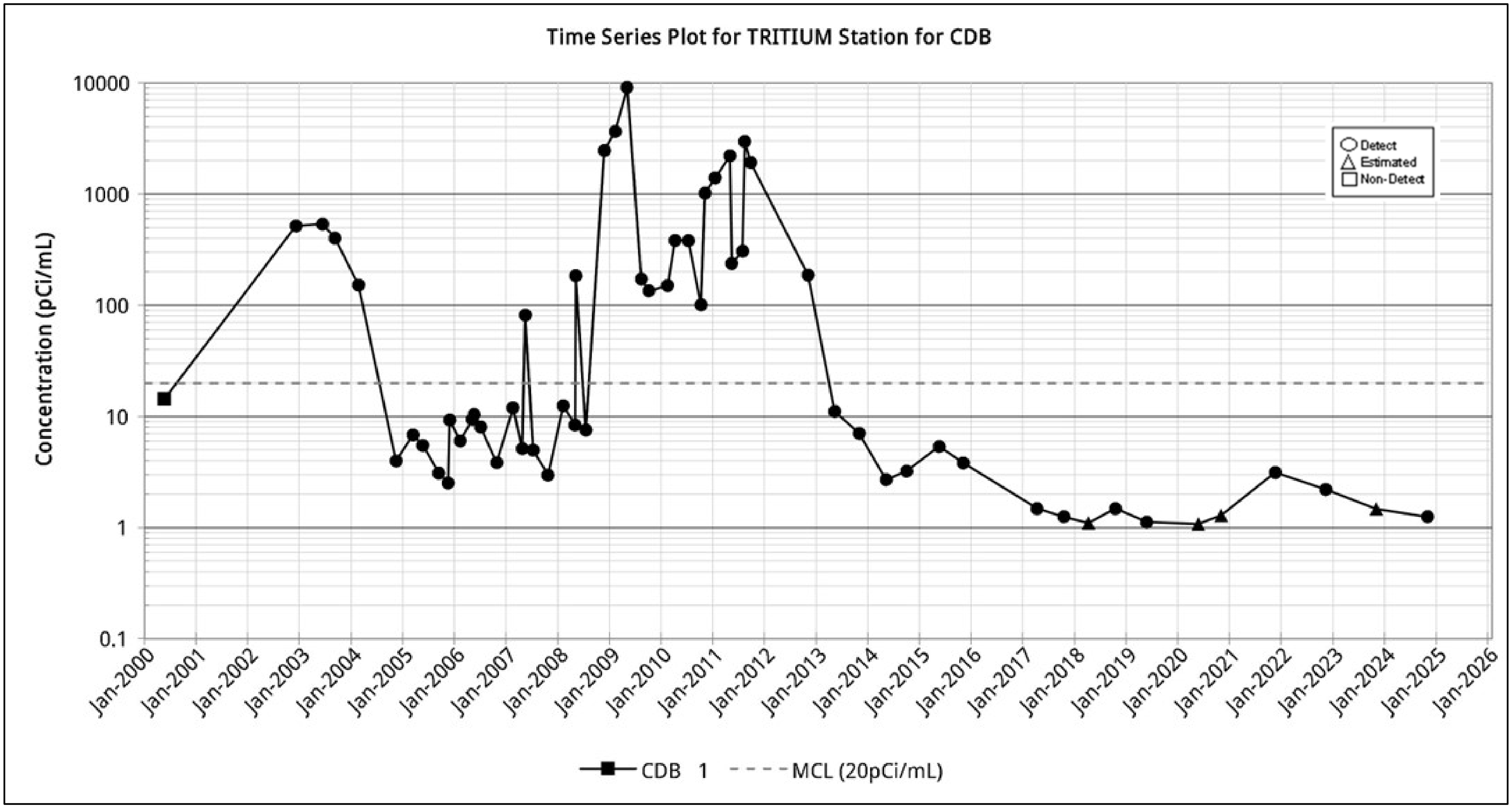

Time Series Plot for TRITIUM Station for CDB
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CDB 1
MCL (20pCi/mL)

Figure C-82

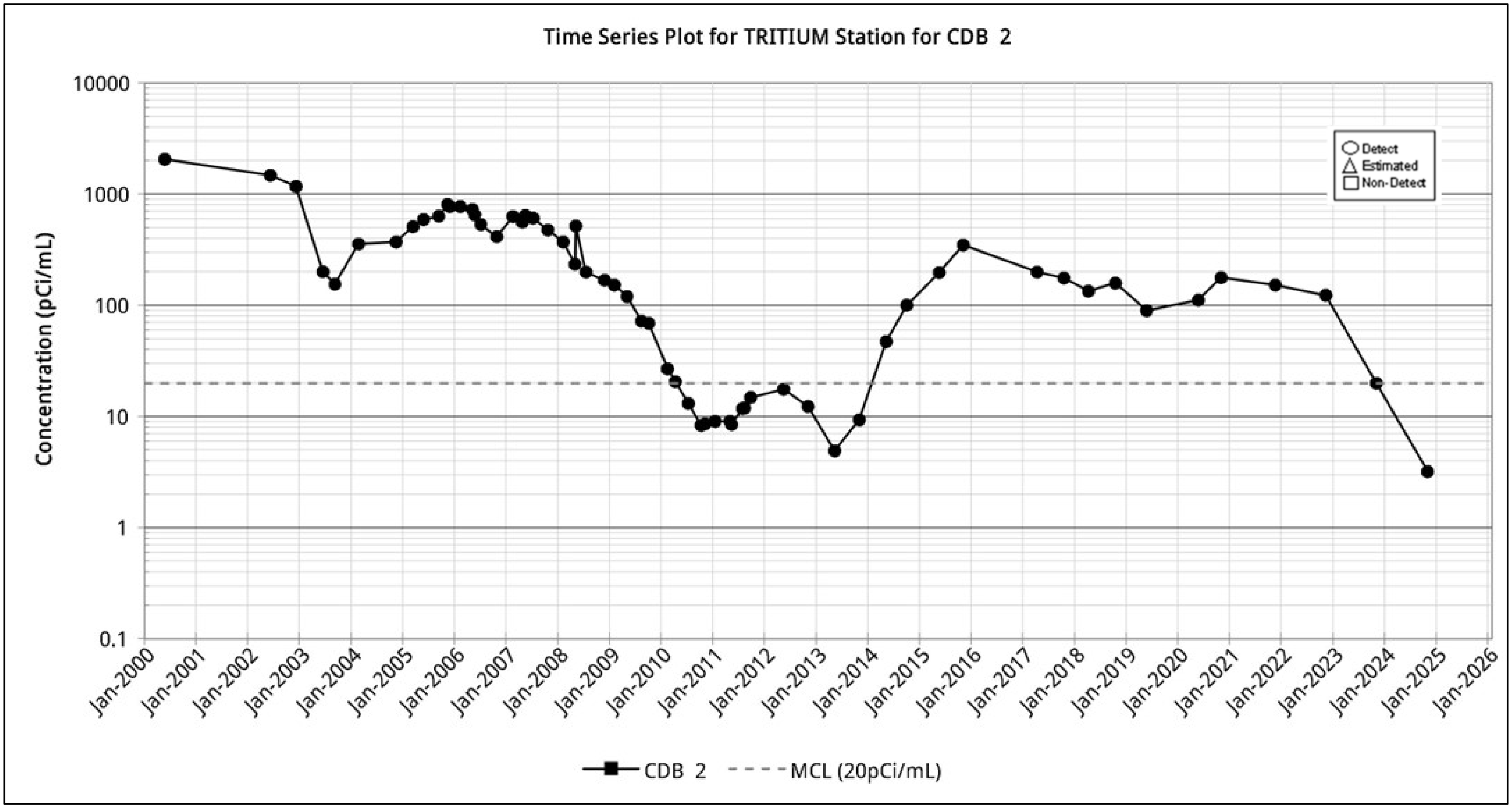

Time Series Plot for TRITIUM Station for CDB 2
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CDB 2
MCL (20pCi/mL)

Figure C-83

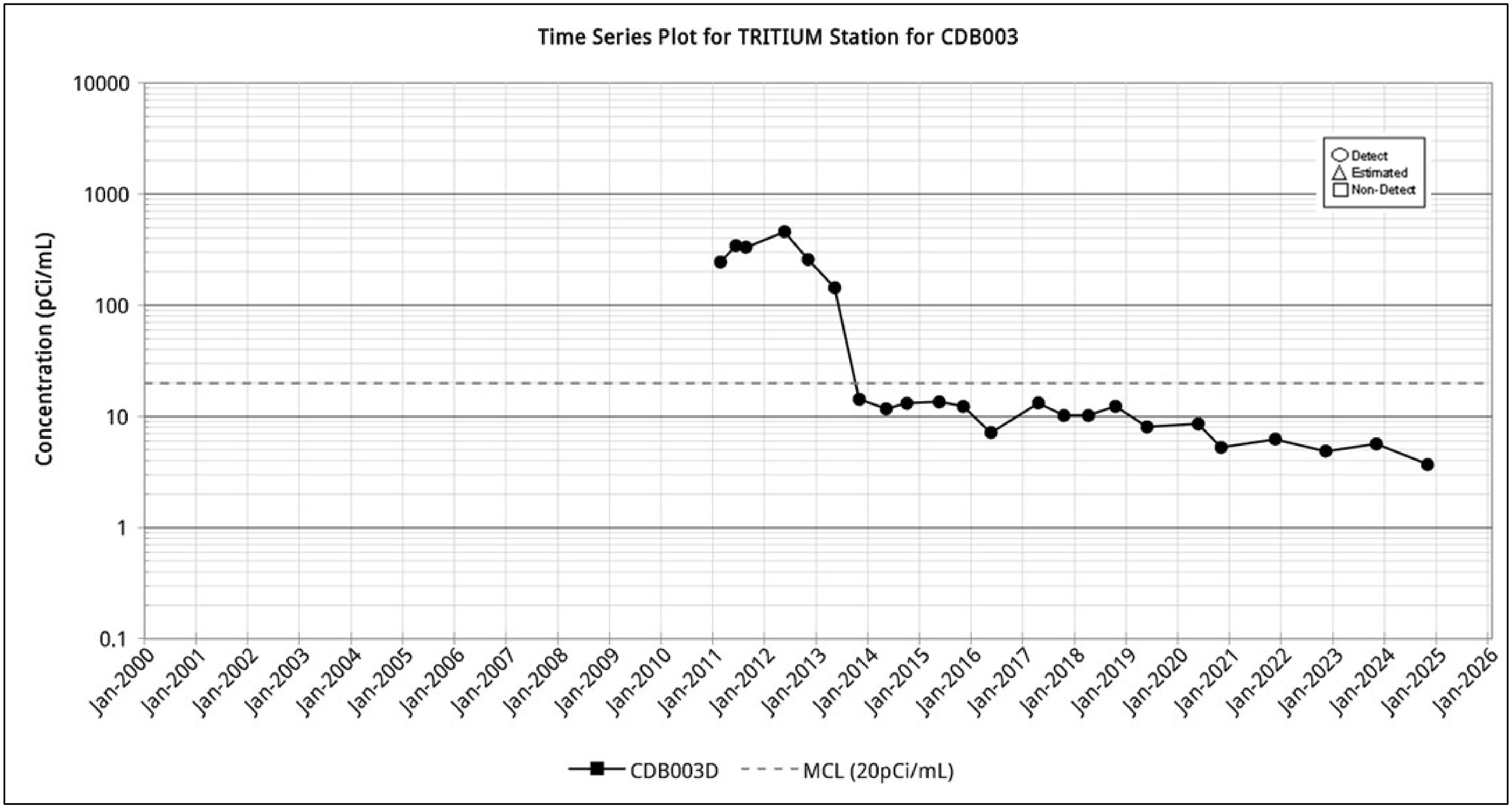

Time Series Plot for TRITIUM Station for CDB003
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CDB003D
MCL (20pCi/mL)

Figure C-84

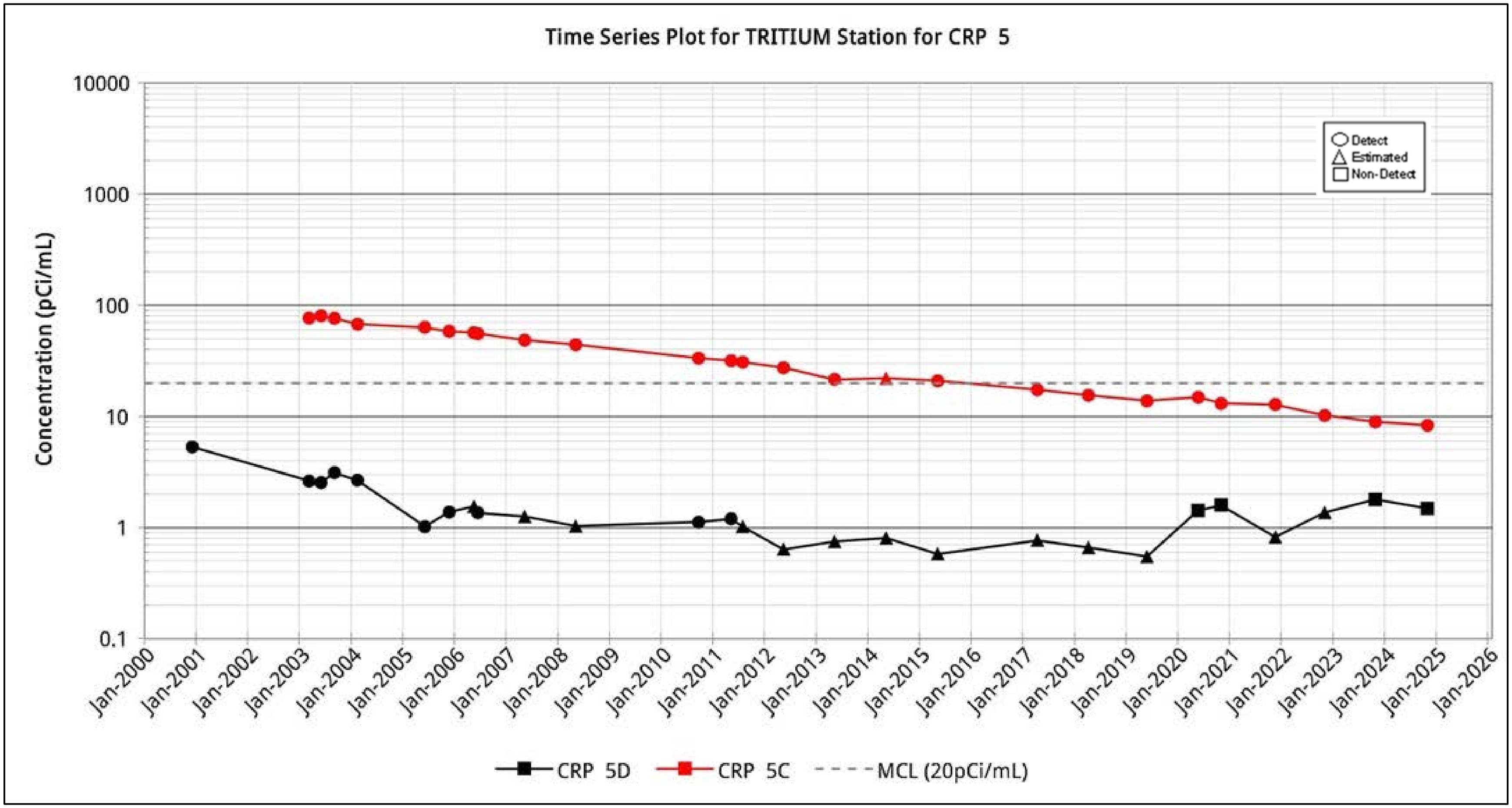

Time Series Plot for TRITIUM Station for CRP 5
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRP 5D
CRP 5C
MCL (20pCi/mL)

Figure C-85

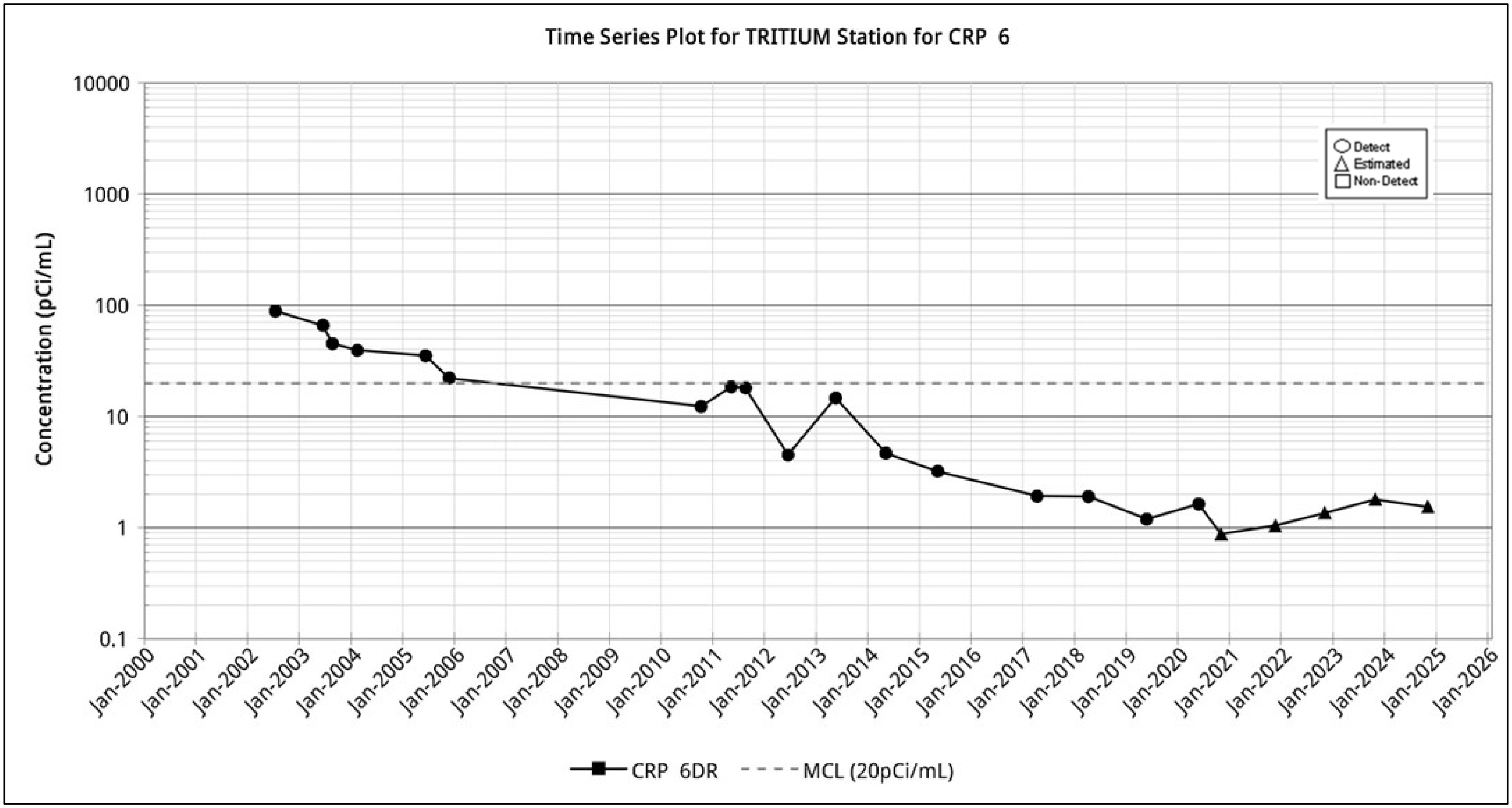

Time Series Plot for TRITIUM Station for CRP 6
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRP 6DR
MCL (20pCi/mL)

Figure C-86

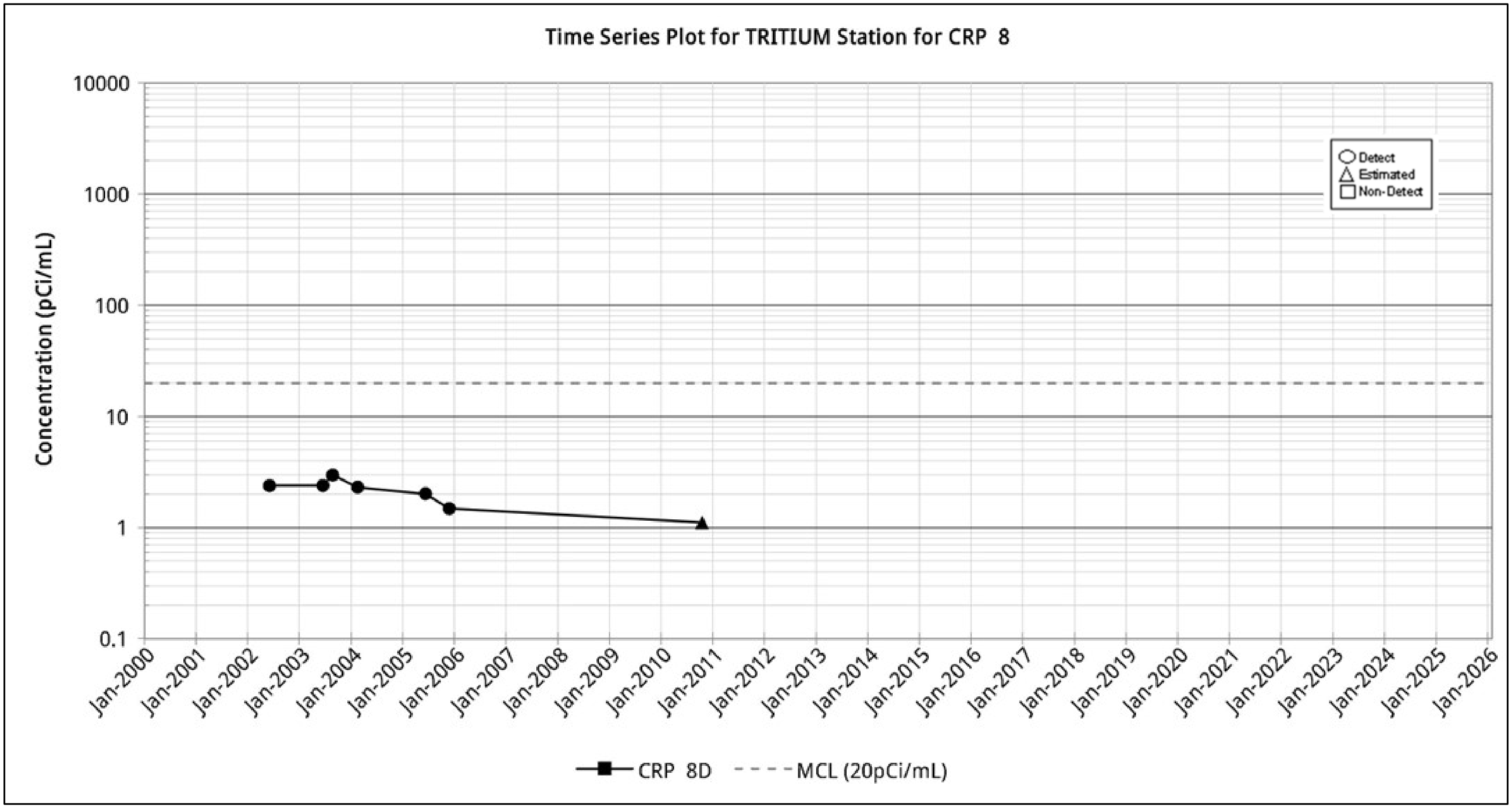

Time Series Plot for TRITIUM Station for CRP 8
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRP 8D
MCL (20pCi/mL)

Figure C-87

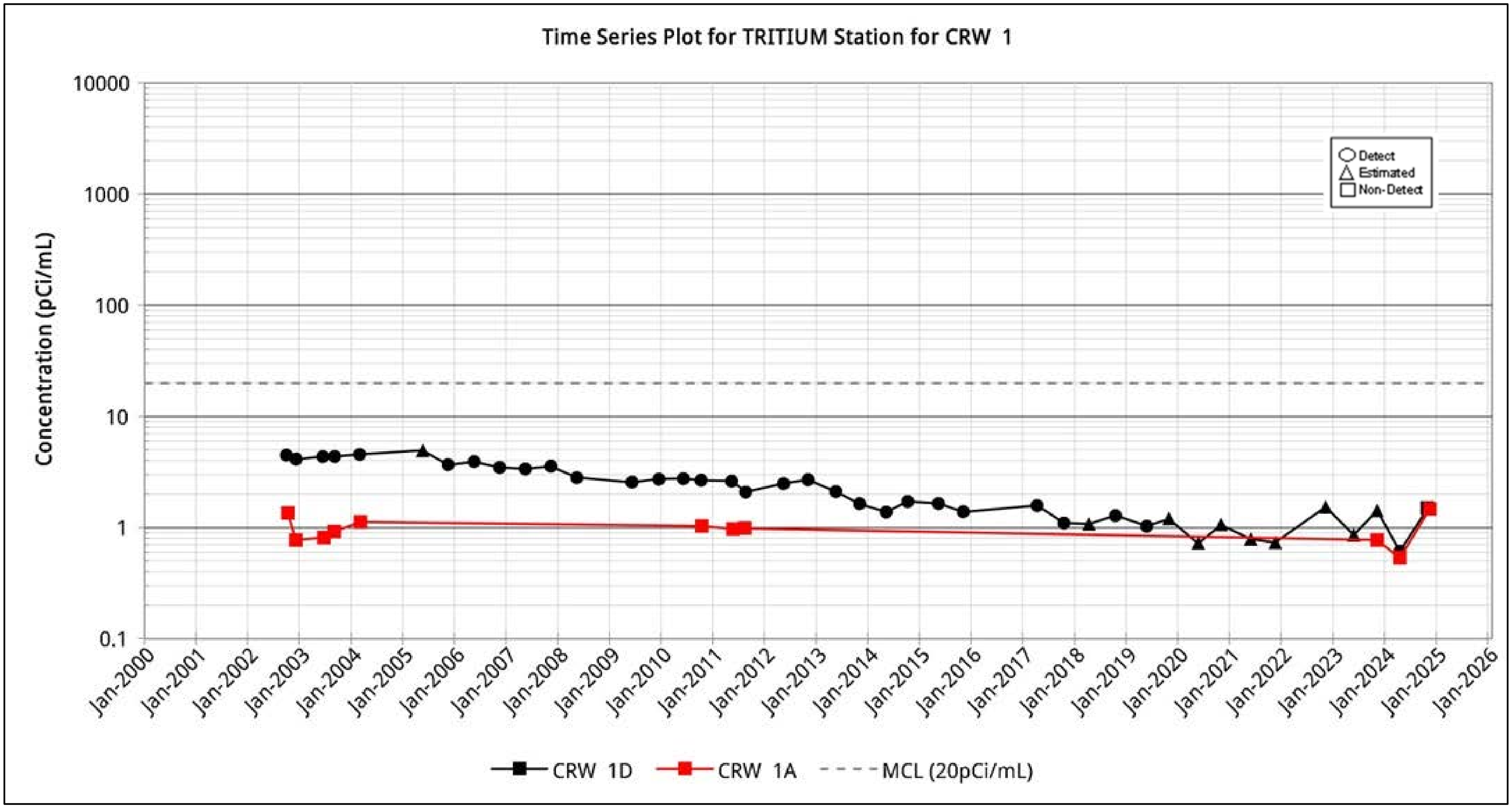
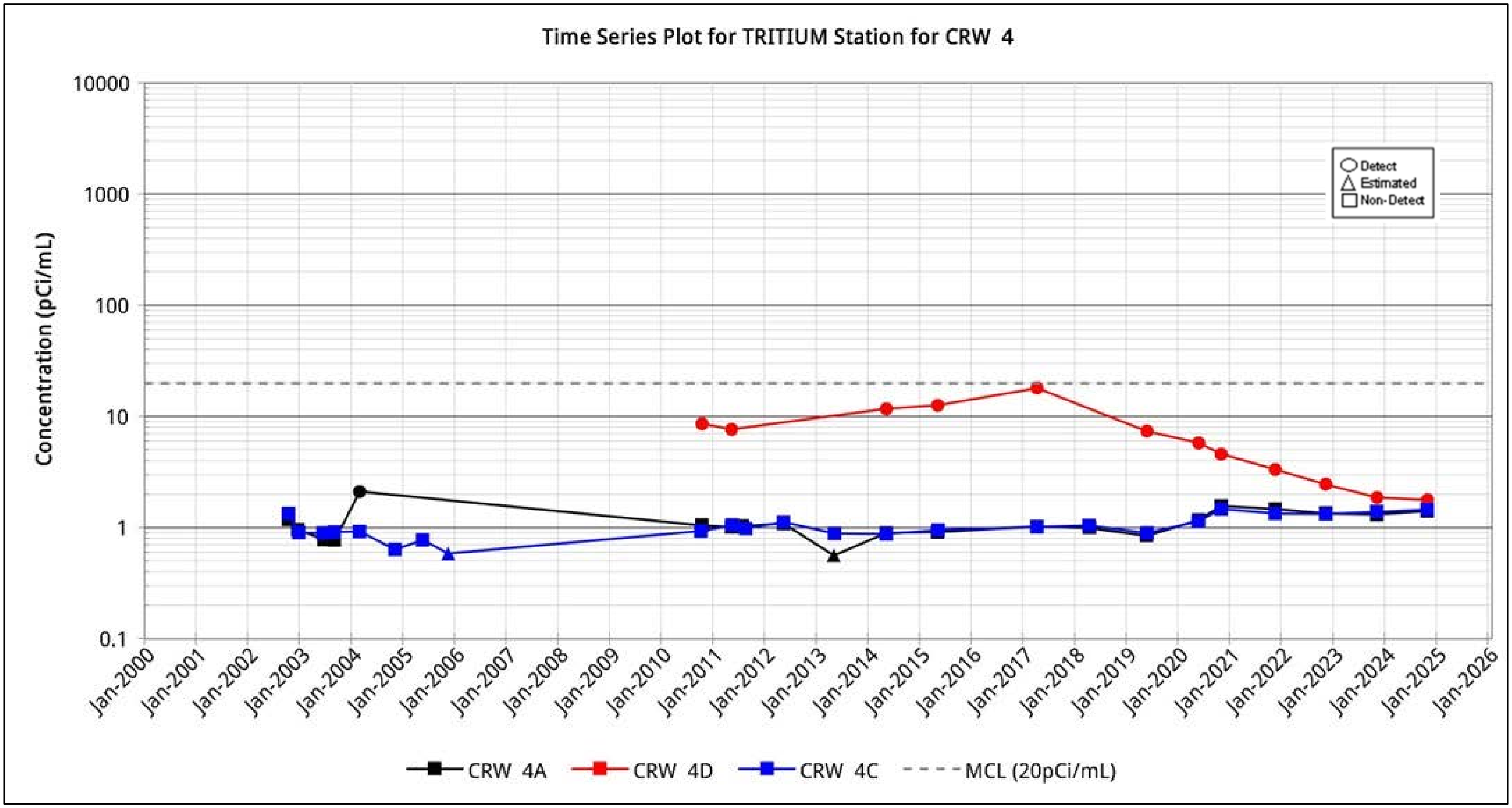

Time Series Plot for TRITIUM Station for CRW 1
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW 1D
CRW 1A
MCL (20pCi/mL)

Figure C-88


Time Series Plot for TRITIUM Station for CRW 4
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
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Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW 4A
CRW 4D
CRW 4C
MCL (20pCi/mL)

Figure C-89

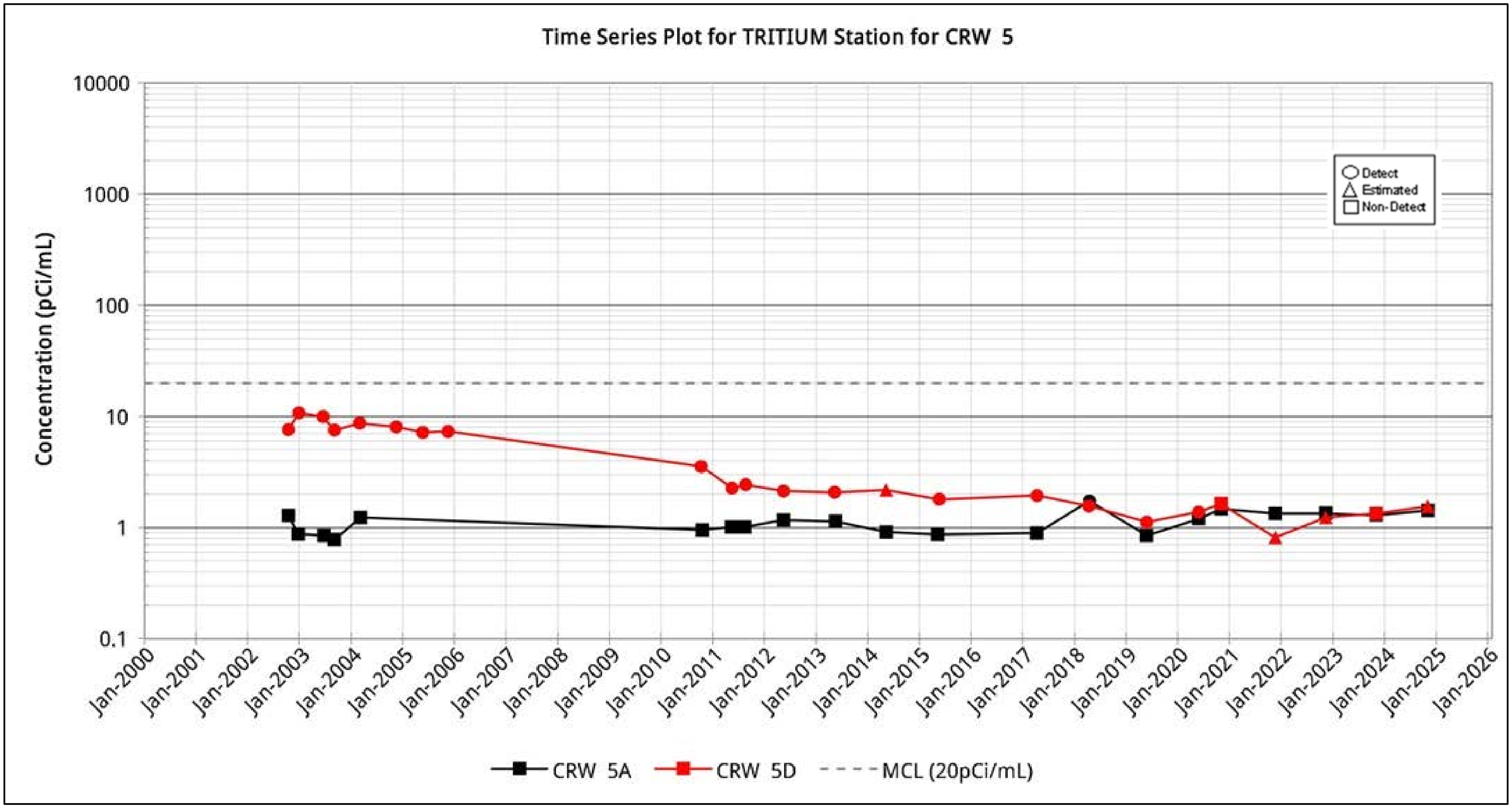
Time Series Plot for TRITIUM Station for CRW 5
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW 5A
CRW 5D
MCL (20pCi/mL)

Figure C-90

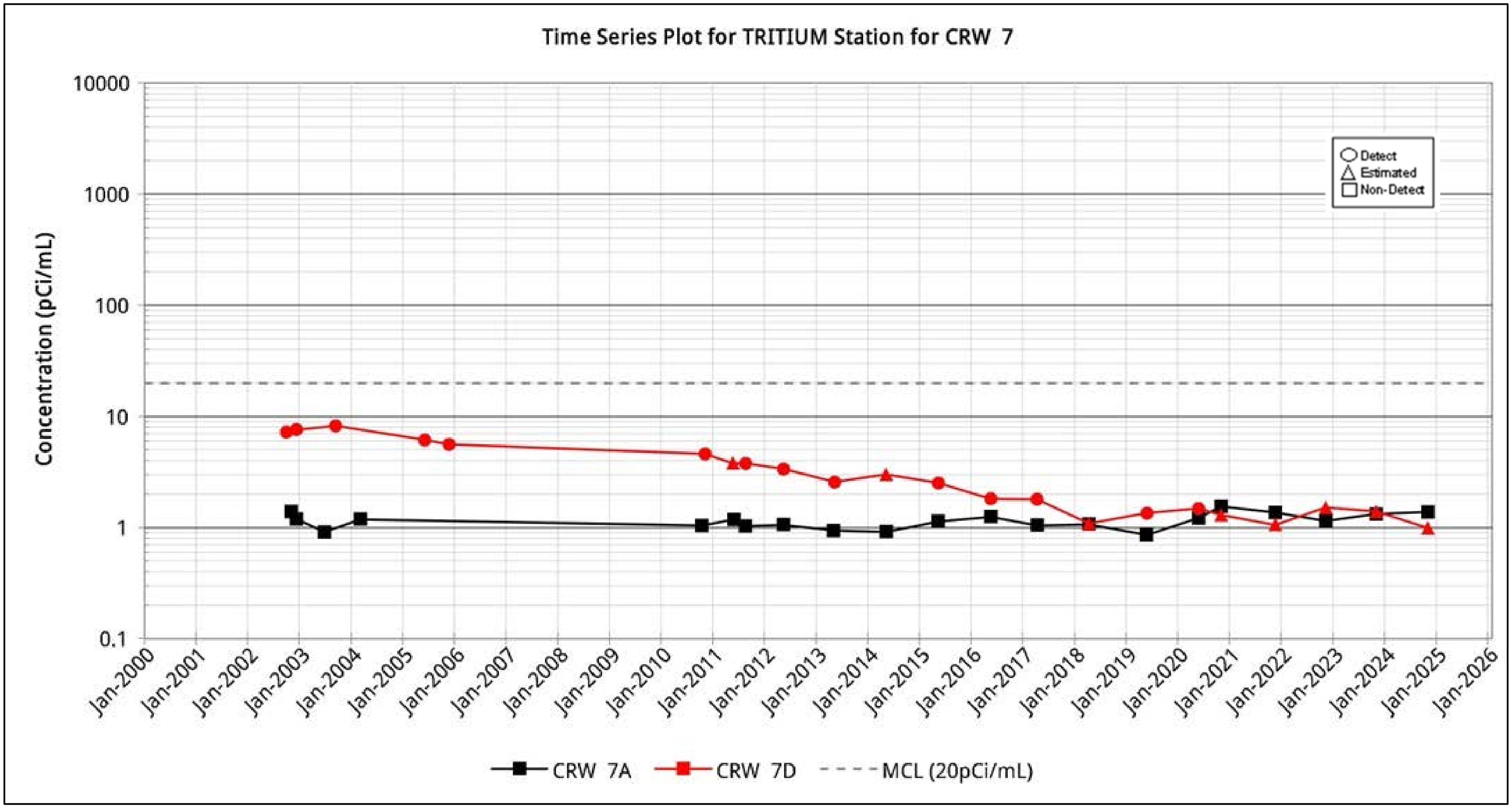
Time Series Plot for TRITIUM Station for CRW 7
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW 7A
CRW 7D
MCL (20pCi/mL)

Figure C-91

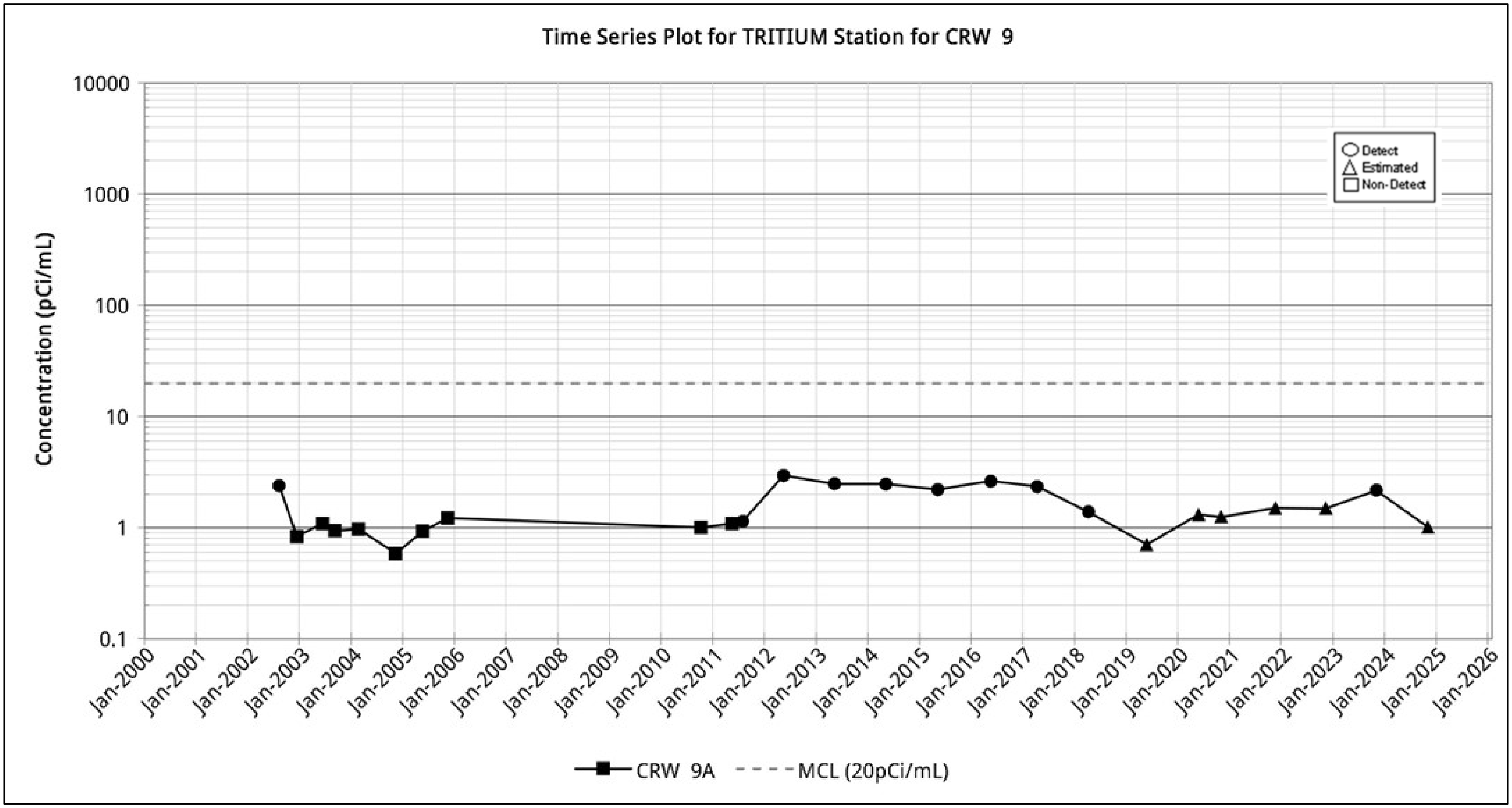
Time Series Plot for TRITIUM Station for CRW 9
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW 9A
MCL (20pCi/mL)

Figure C-92

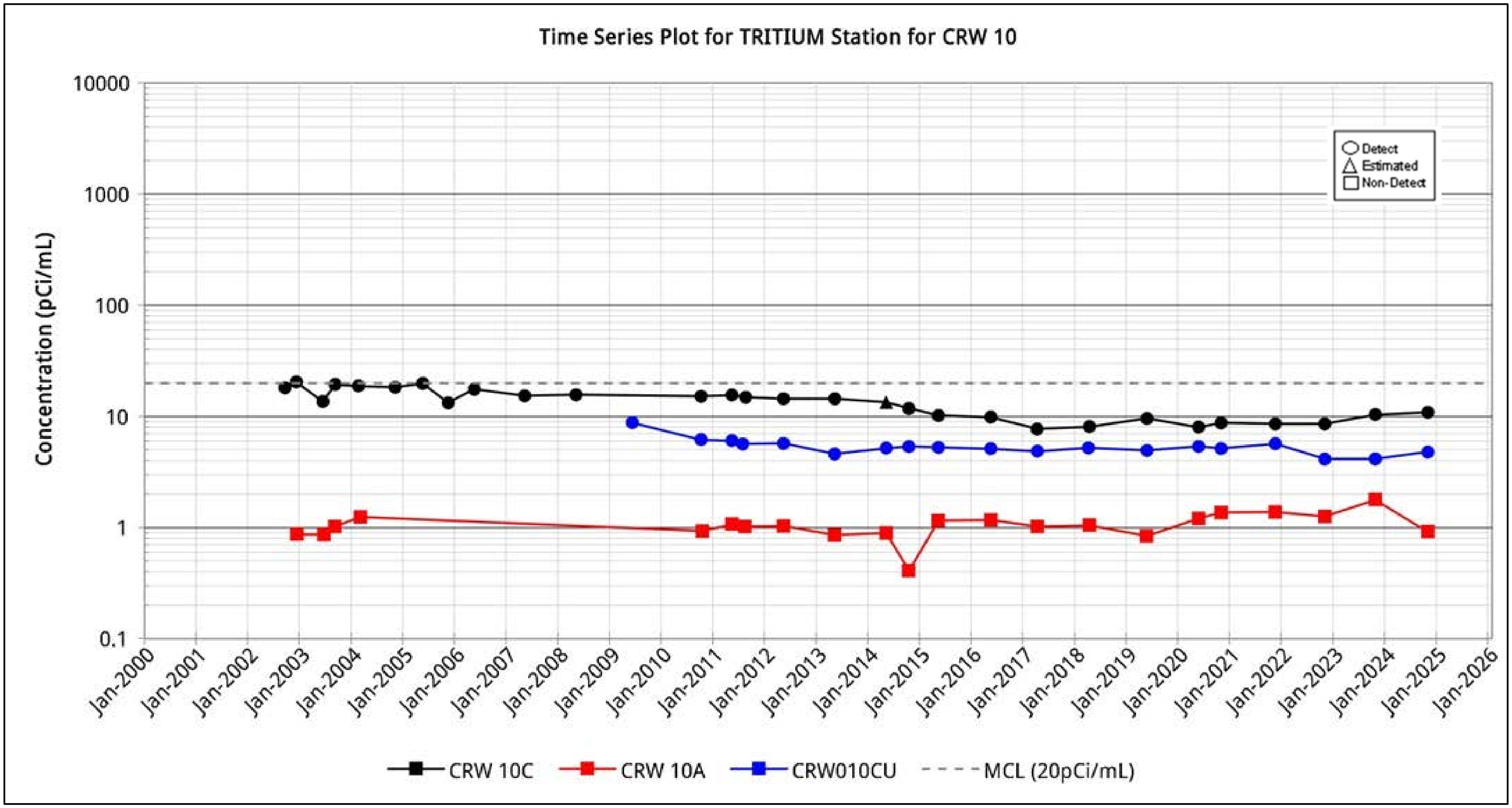
Time Series Plot for TRITIUM Station for CRW 10
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW 10C
CRW 10A
CRW010CU
MCL (20pCi/mL)

Figure C-93

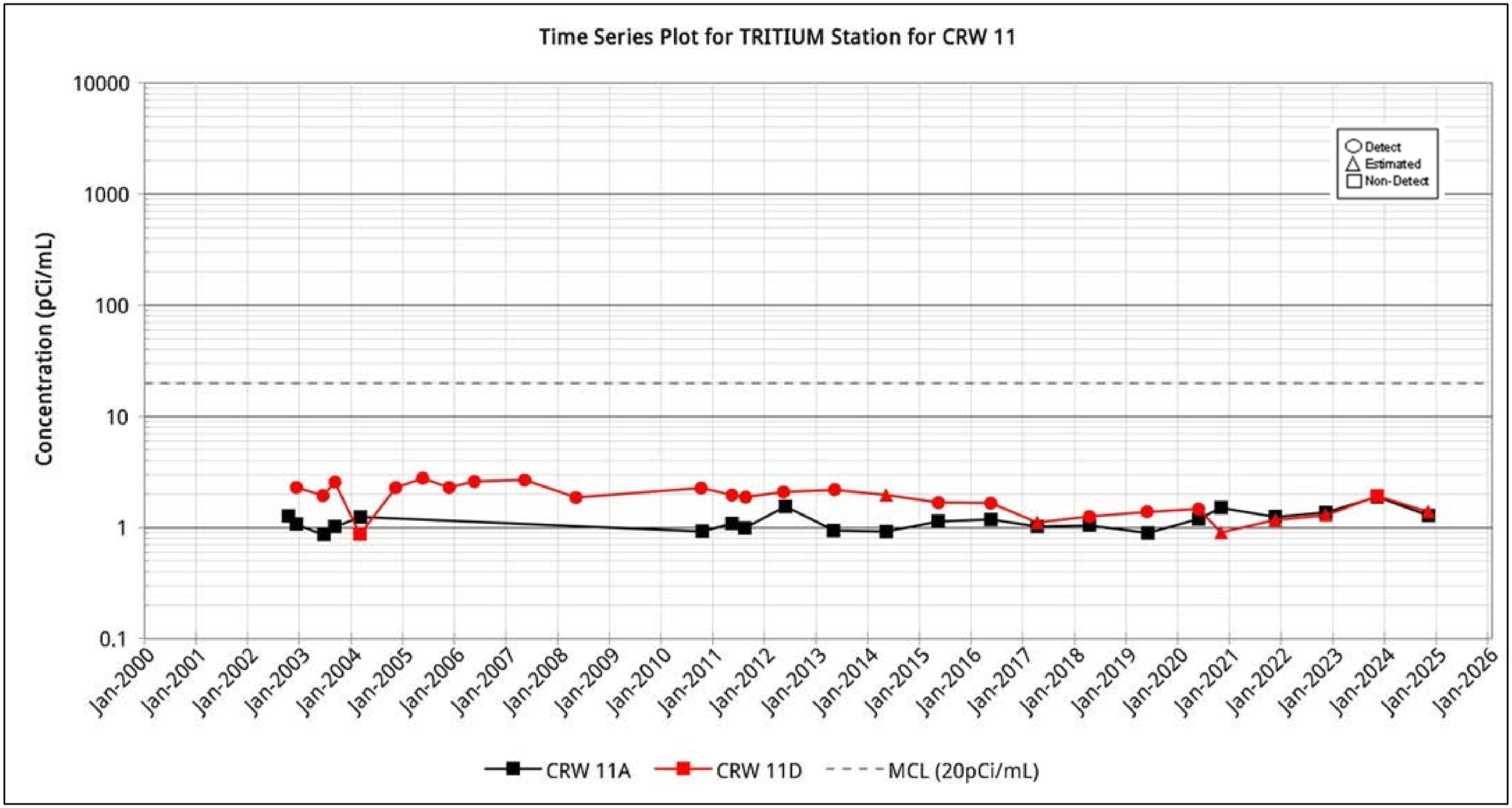
Time Series Plot for TRITIUM Station for CRW 11
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW 11A
CRW 11D
MCL (20pCi/mL)

Figure C-94

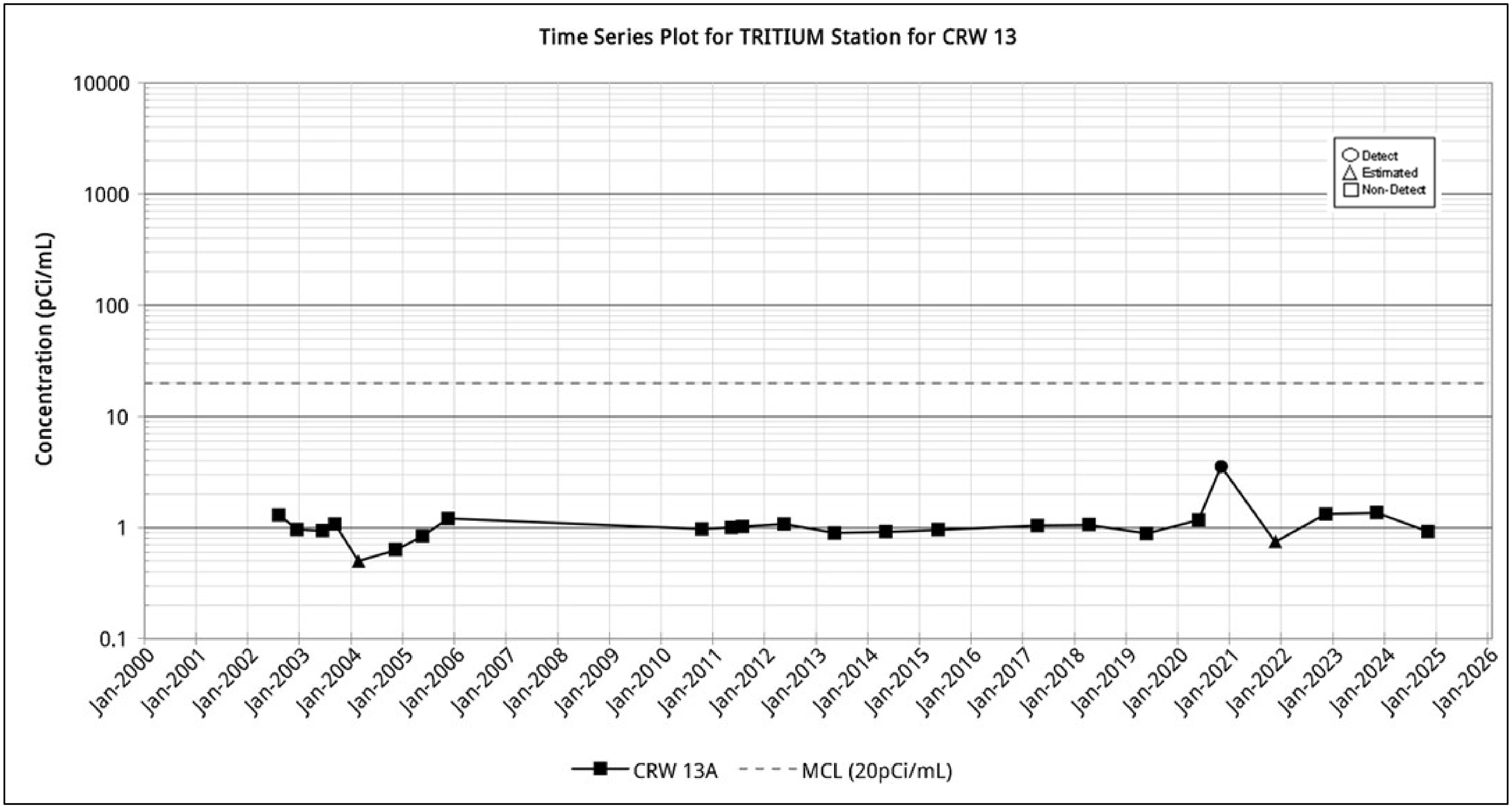
Time Series Plot for TRITIUM Station for CRW 13
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW 13A
MCL (20pCi/mL)

Figure C-95

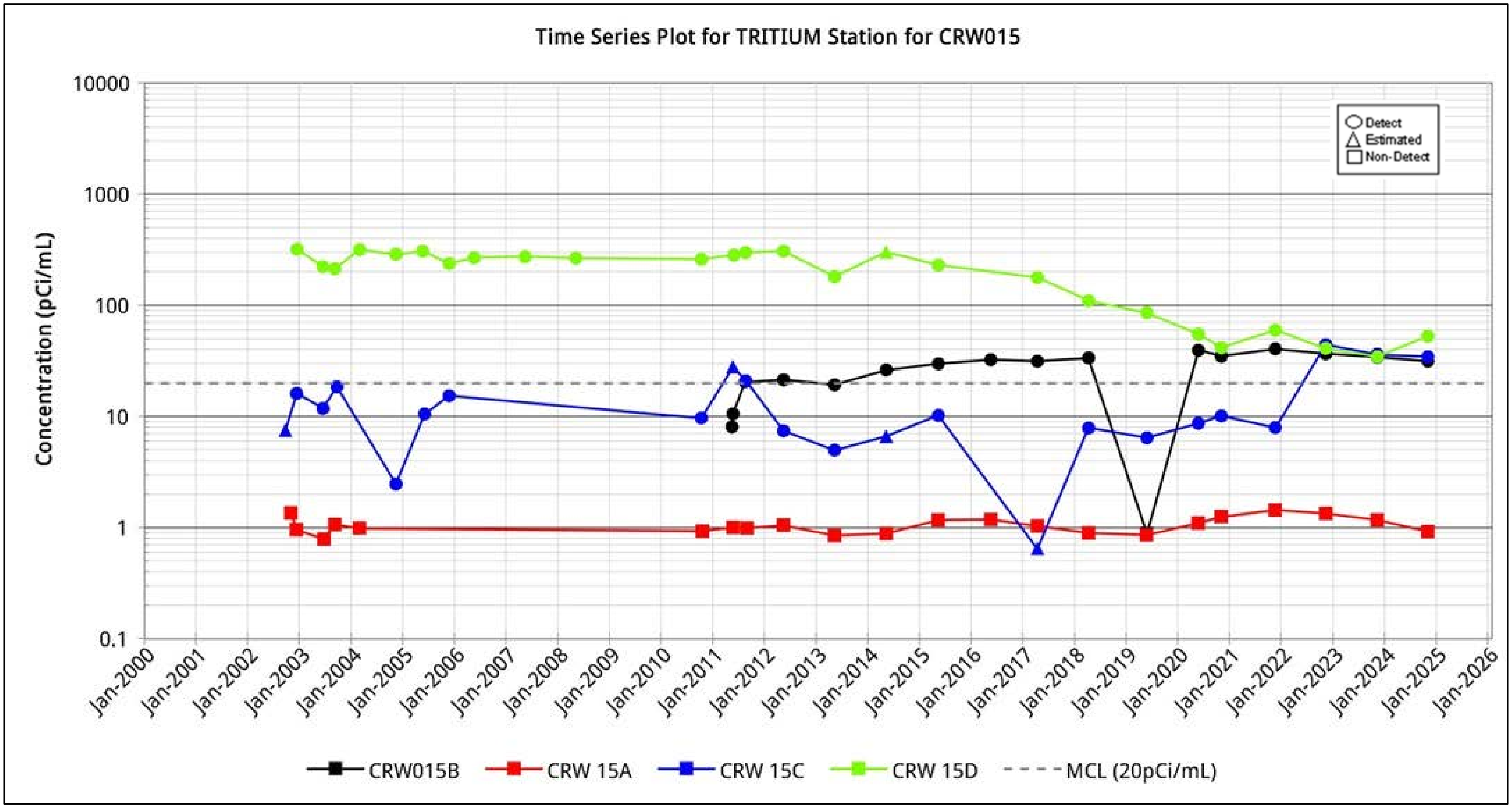
Time Series Plot for TRITIUM Station for CRW015
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW015B
CRW 15A
CRW 15C
CRW 15D
MCL (20pCi/mL)

Figure C-96

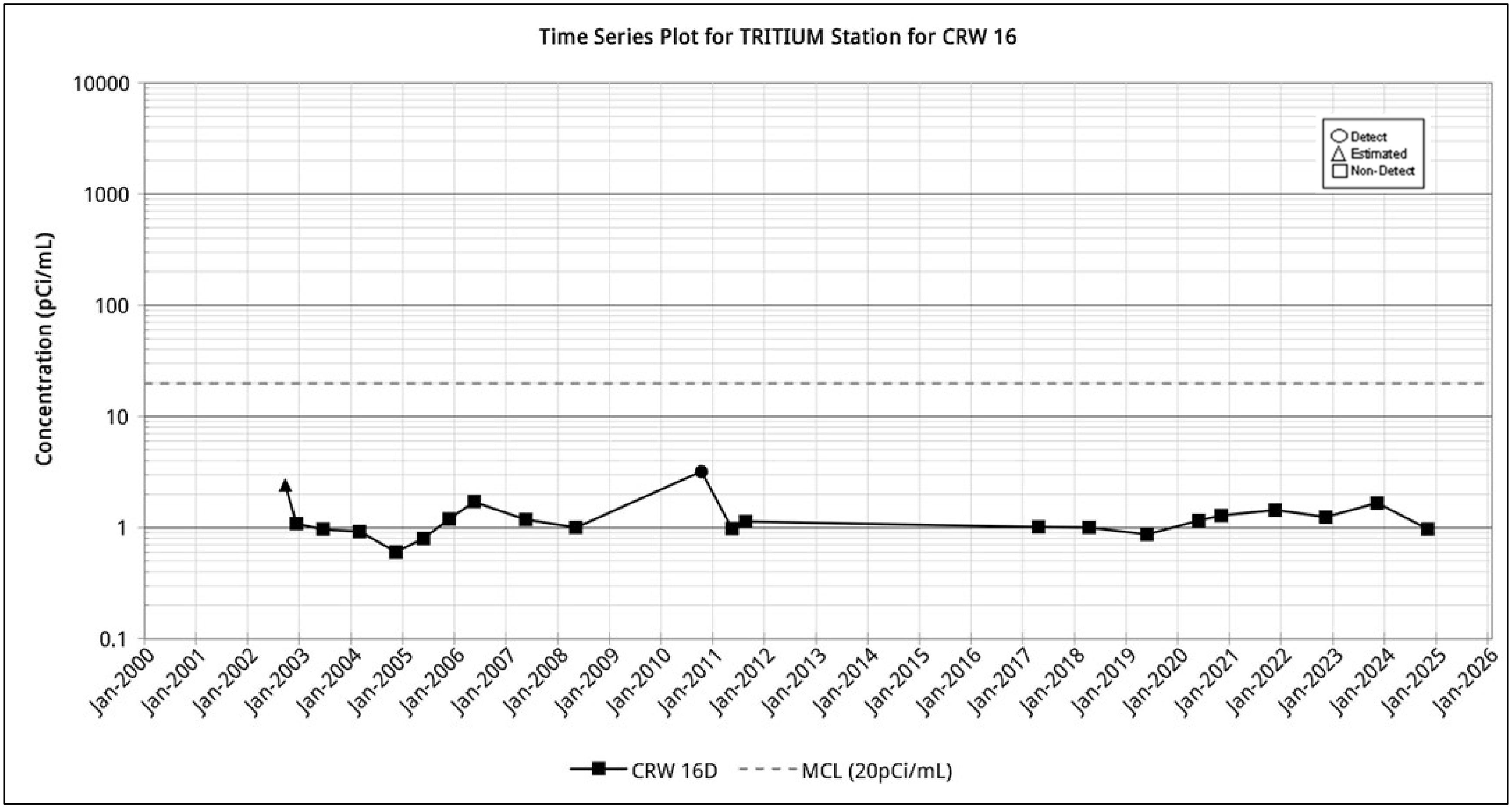
Time Series Plot for TRITIUM Station for CRW 16
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW 16D
MCL (20pCi/mL)

Figure C-97

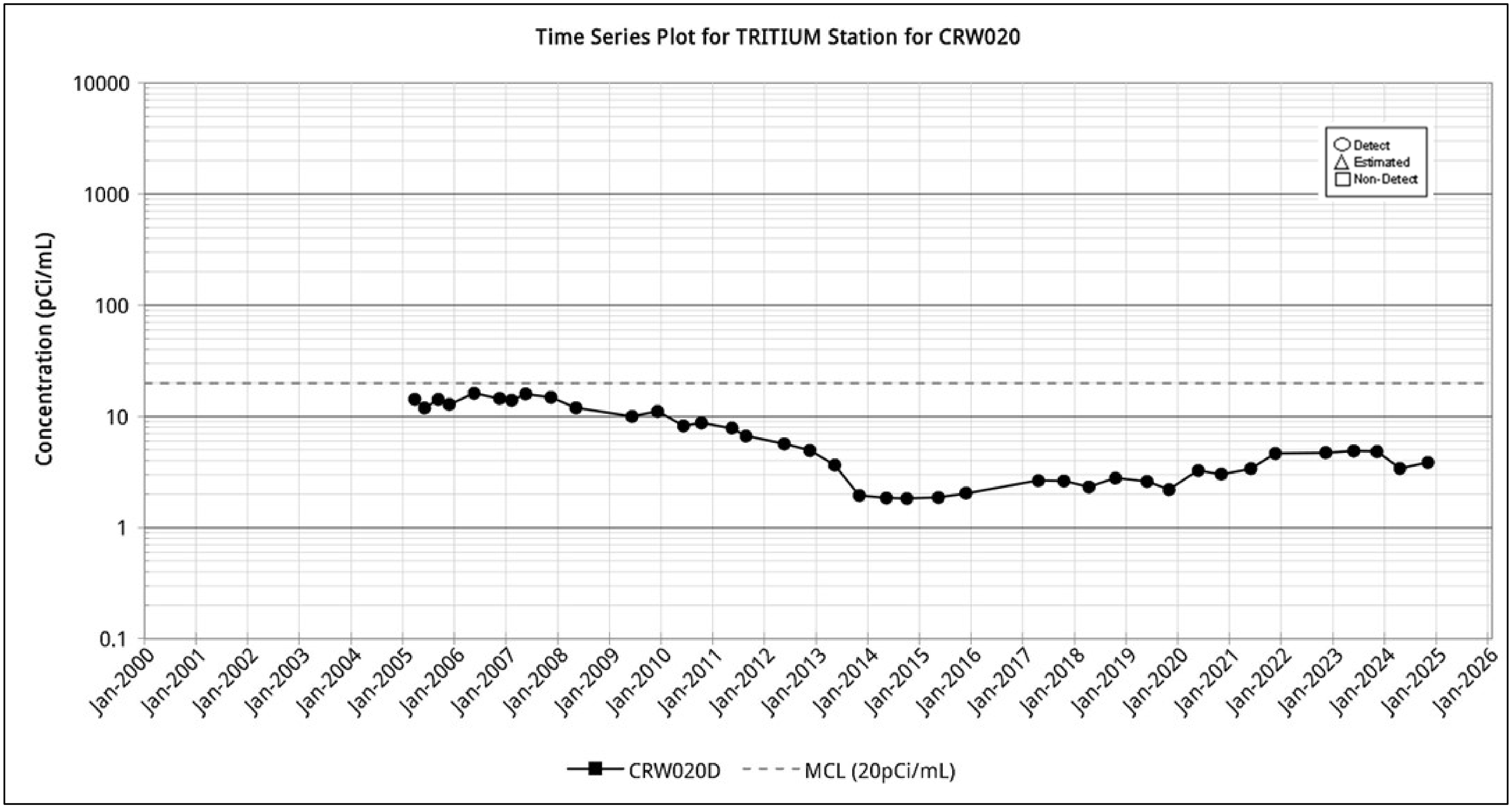
Time Series Plot for TRITIUM Station for CRW020
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW020D
MCL (20pCi/mL)

Figure C-98

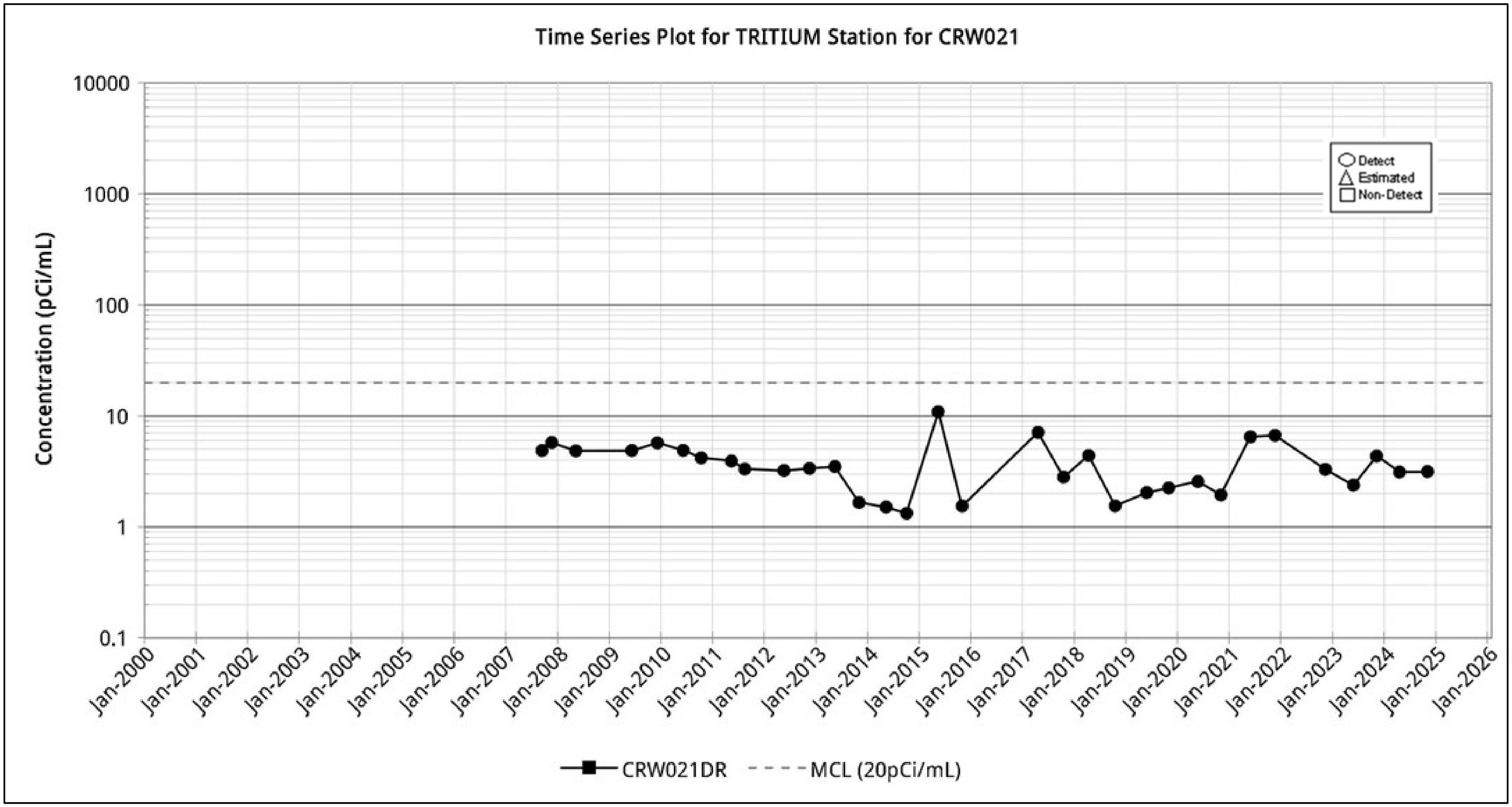
Time Series Plot for TRITIUM Station for CRW021
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW021DR
MCL (20pCi/mL)

Figure C-99

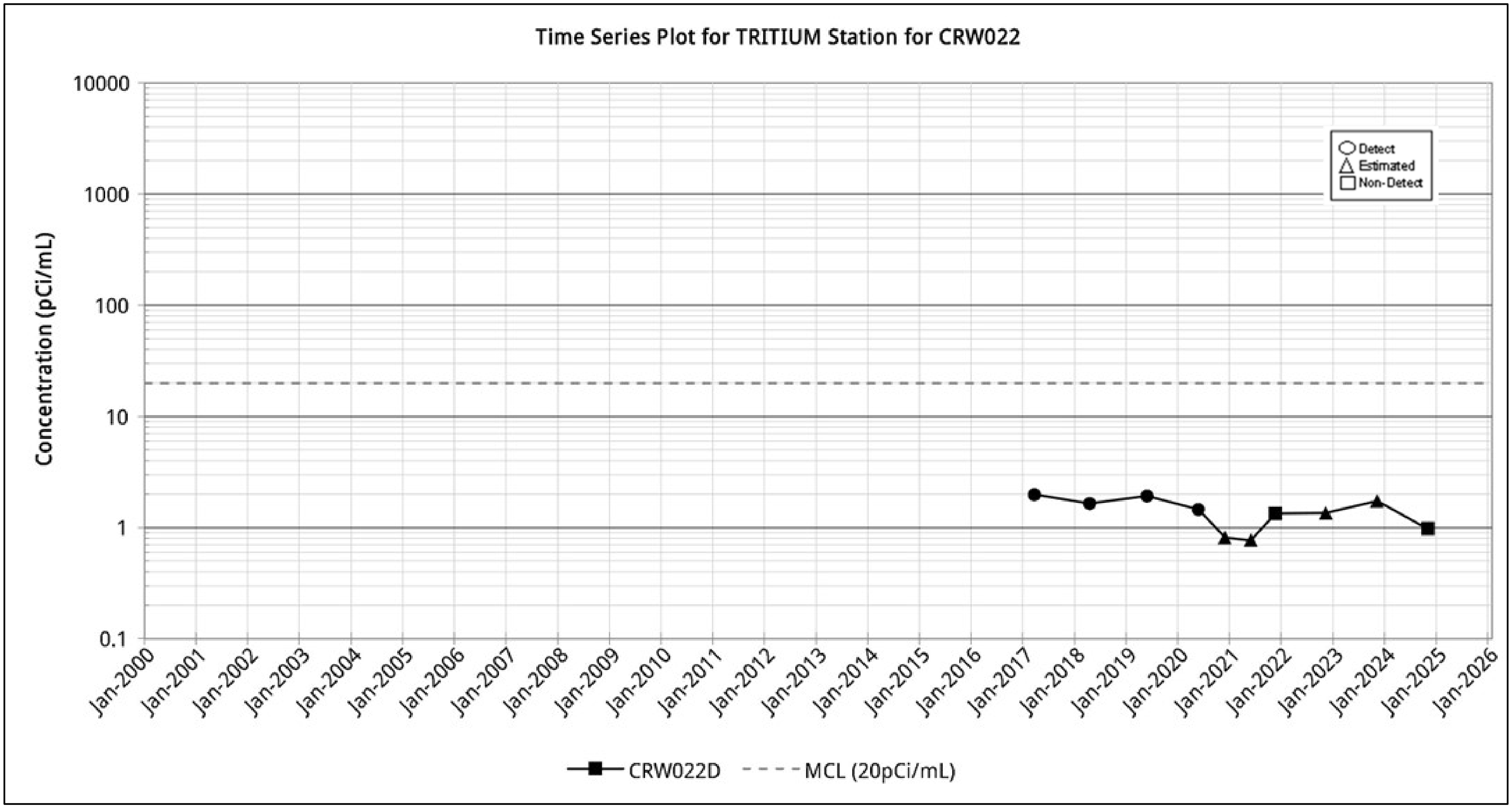
Time Series Plot for TRITIUM Station for CRW022
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW022D
MCL (20pCi/mL)

Figure C-100

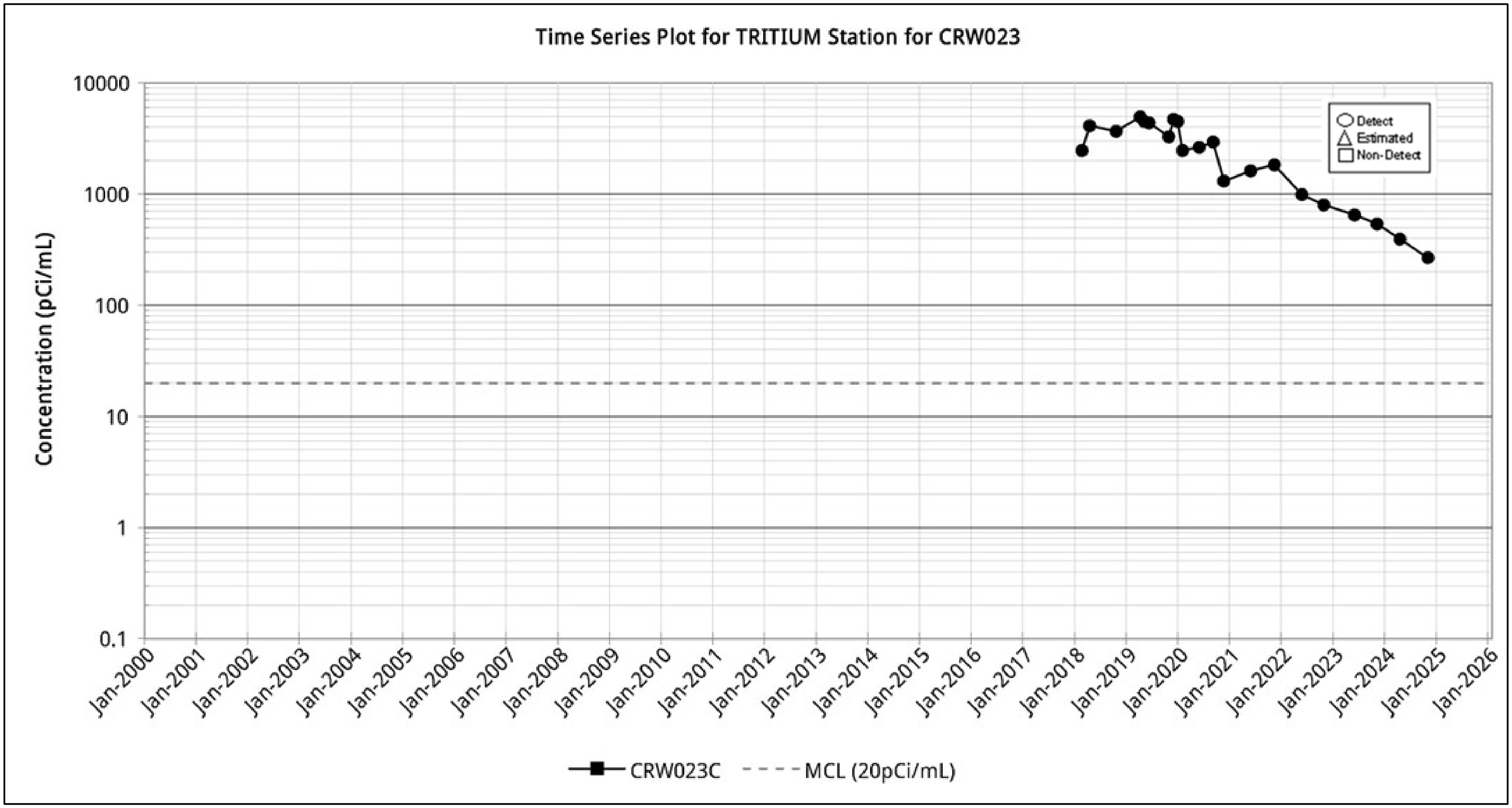
Time Series Plot for TRITIUM Station for CRW023
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW023C
MCL (20pCi/mL)

Figure C-101

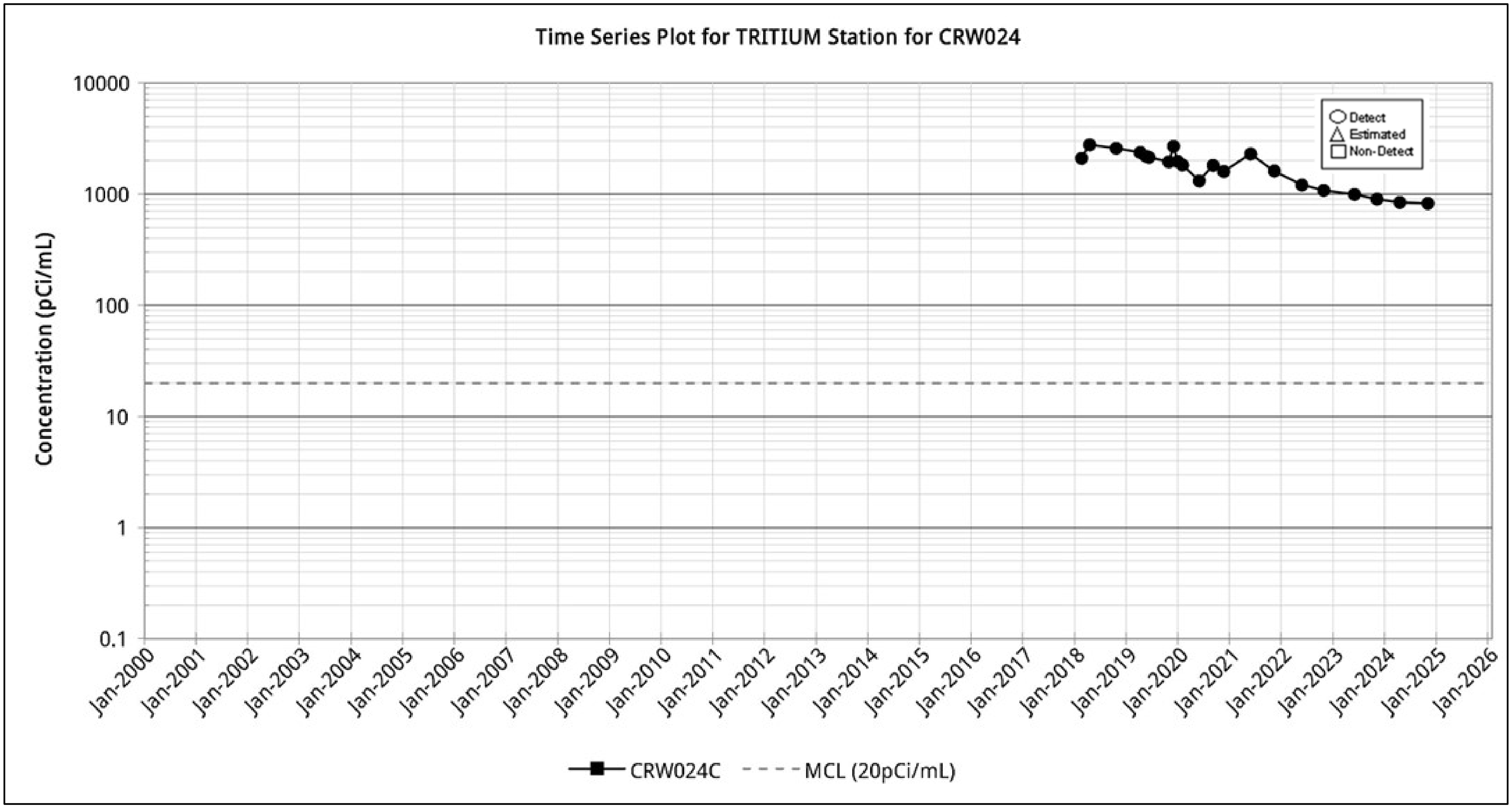
Time Series Plot for TRITIUM Station for CRW024
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW024C
MCL (20pCi/mL)

Figure C-102

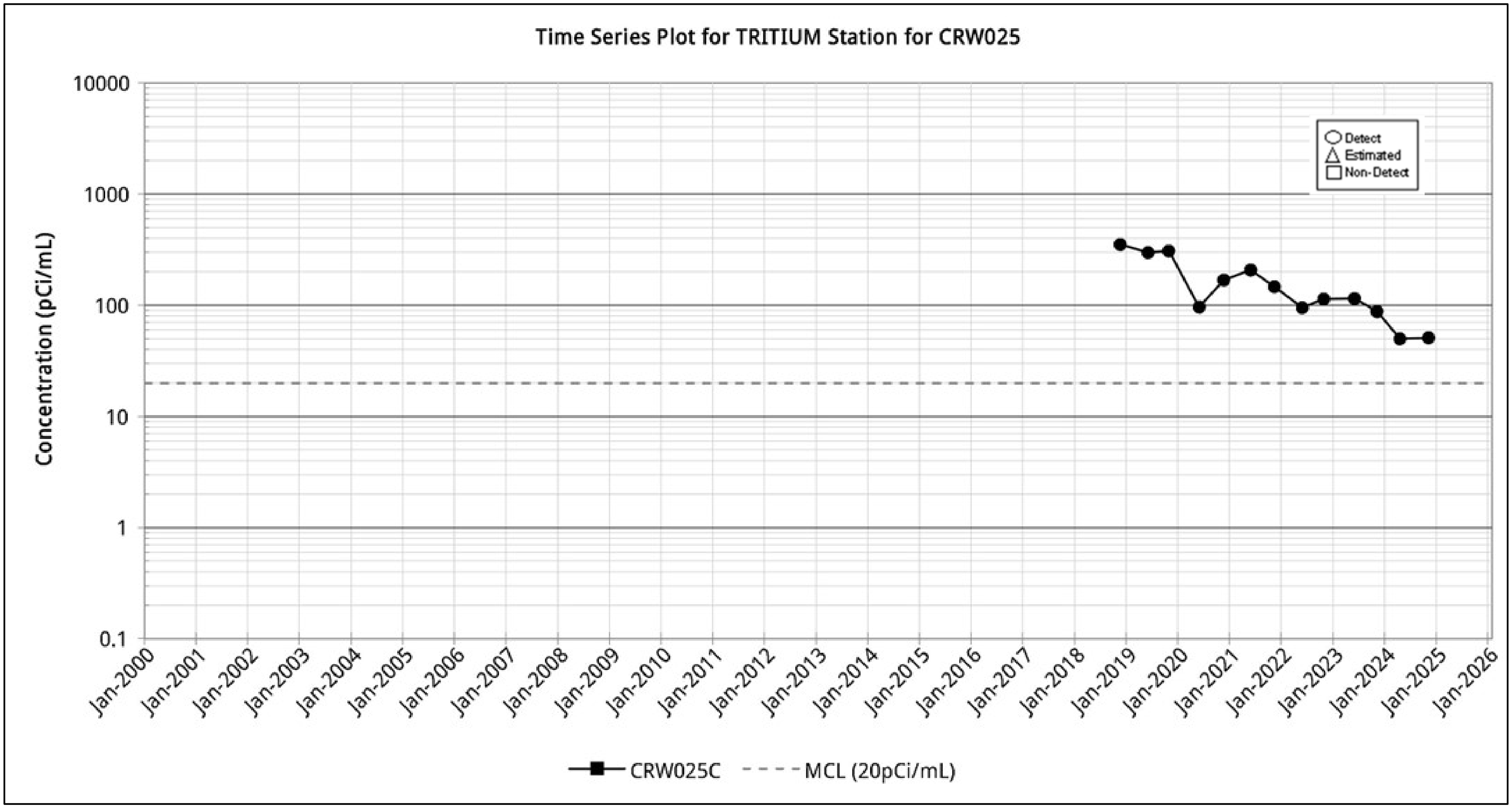
Time Series Plot for TRITIUM Station for CRW025
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW025C
MCL (20pCi/mL)

Figure C-103

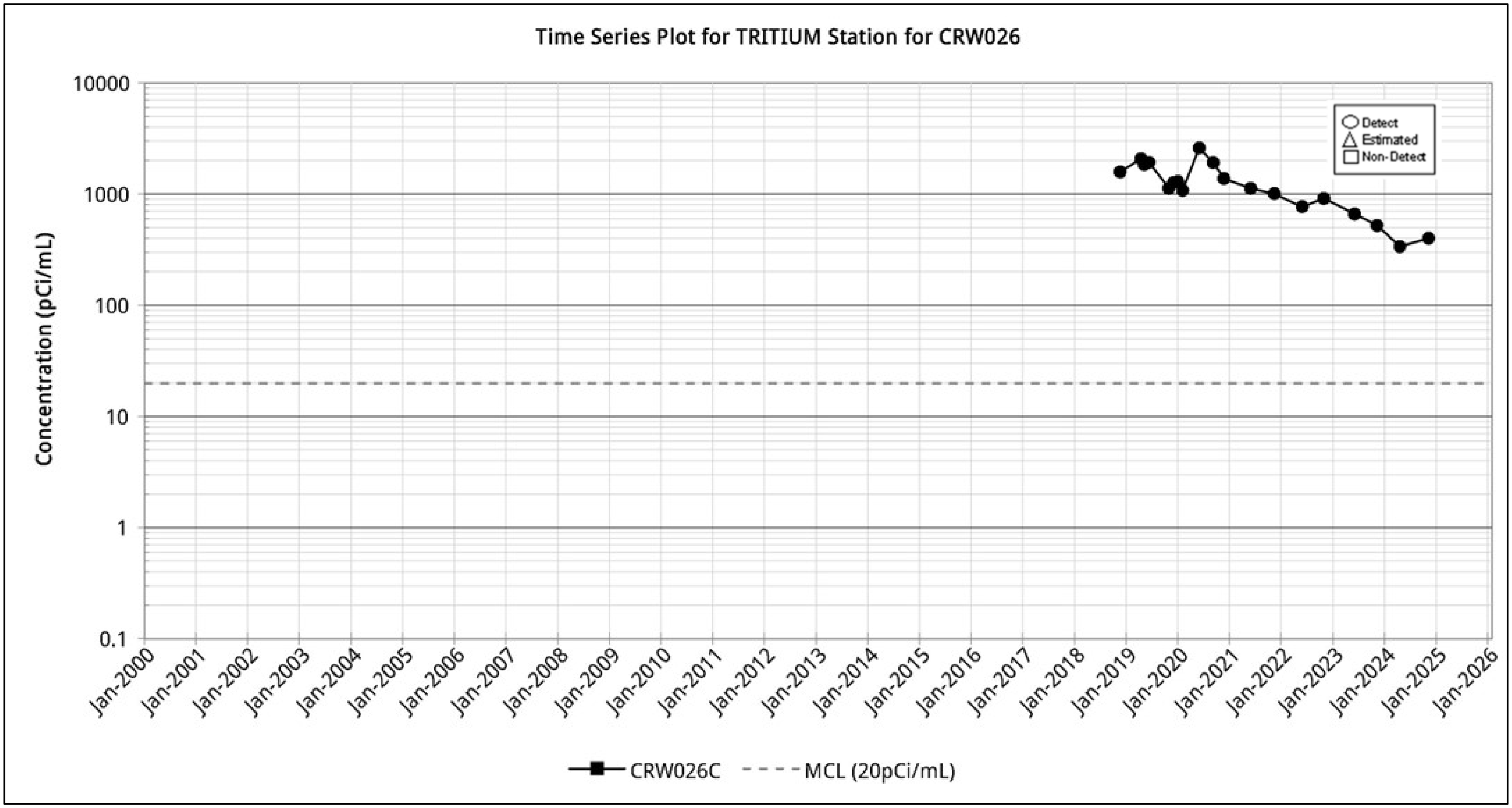
Time Series Plot for TRITIUM Station for CRW026
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW026C
MCL (20pCi/mL)

Figure C-104

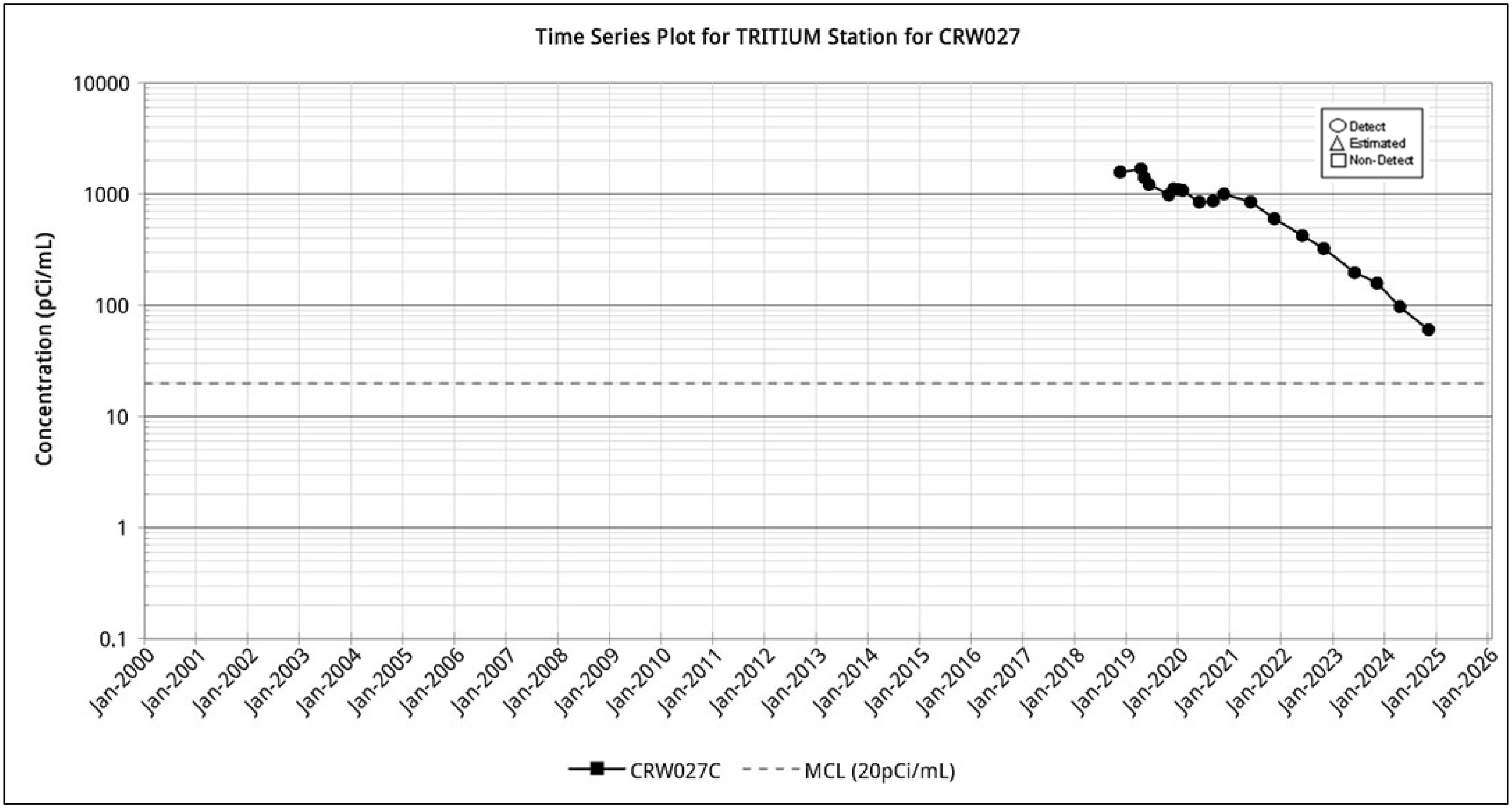
Time Series Plot for TRITIUM Station for CRW027
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW027C
MCL (20pCi/mL)

Figure C-105

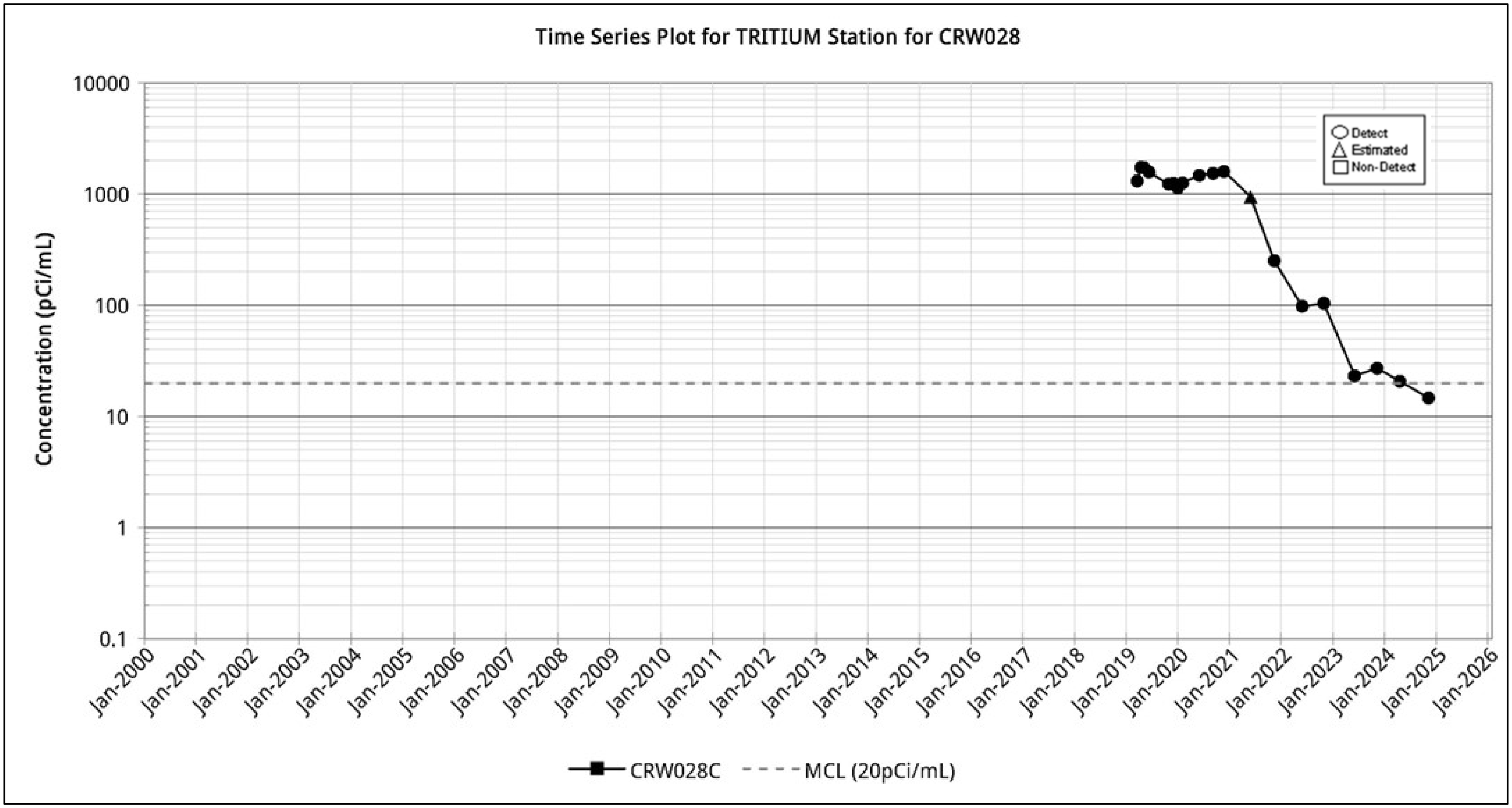
Time Series Plot for TRITIUM Station for CRW028
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW028C
MCL (20pCi/mL)

Figure C-106

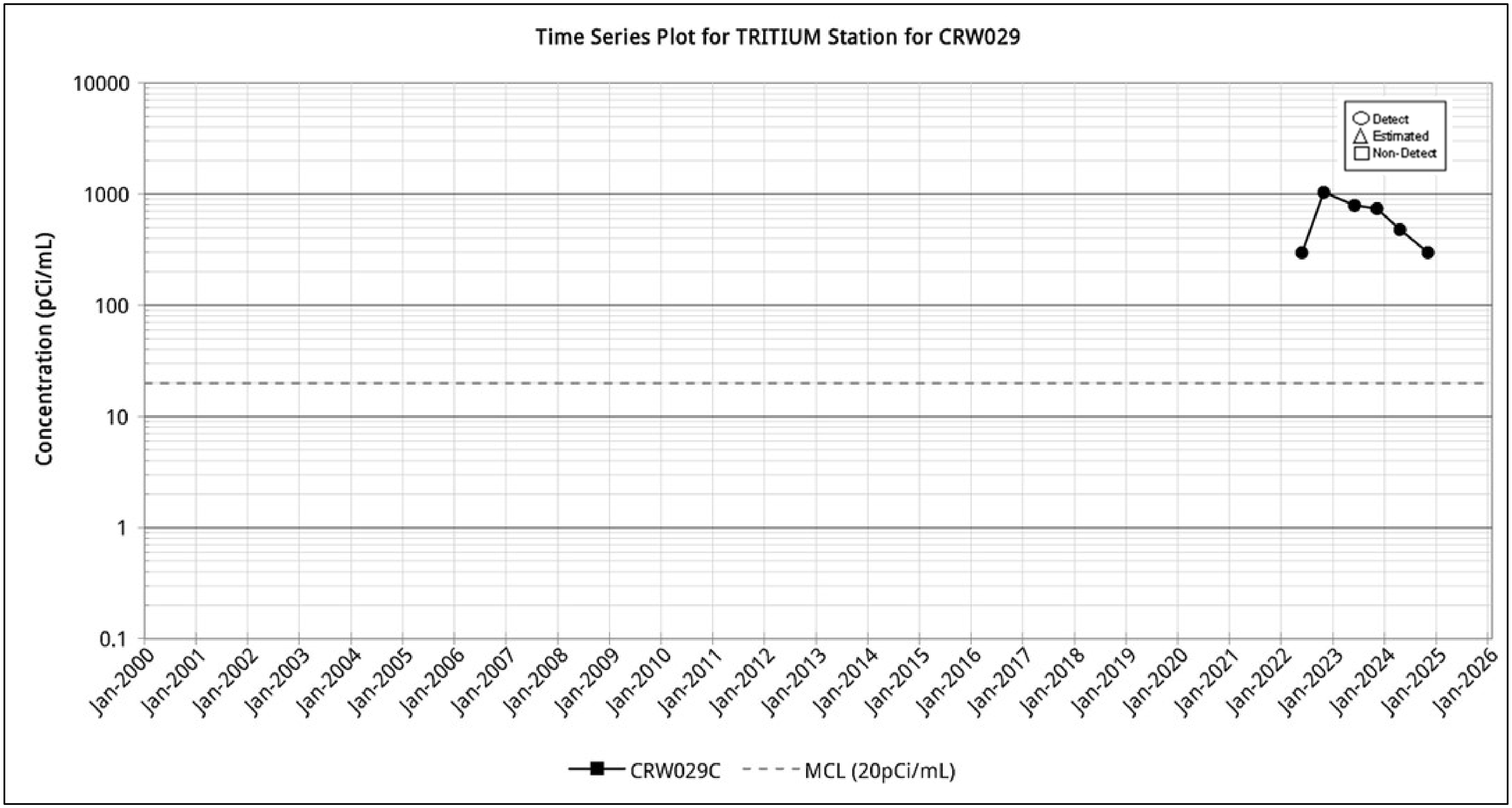
Time Series Plot for TRITIUM Station for CRW029
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CRW029C
MCL (20pCi/mL)

Figure C-107

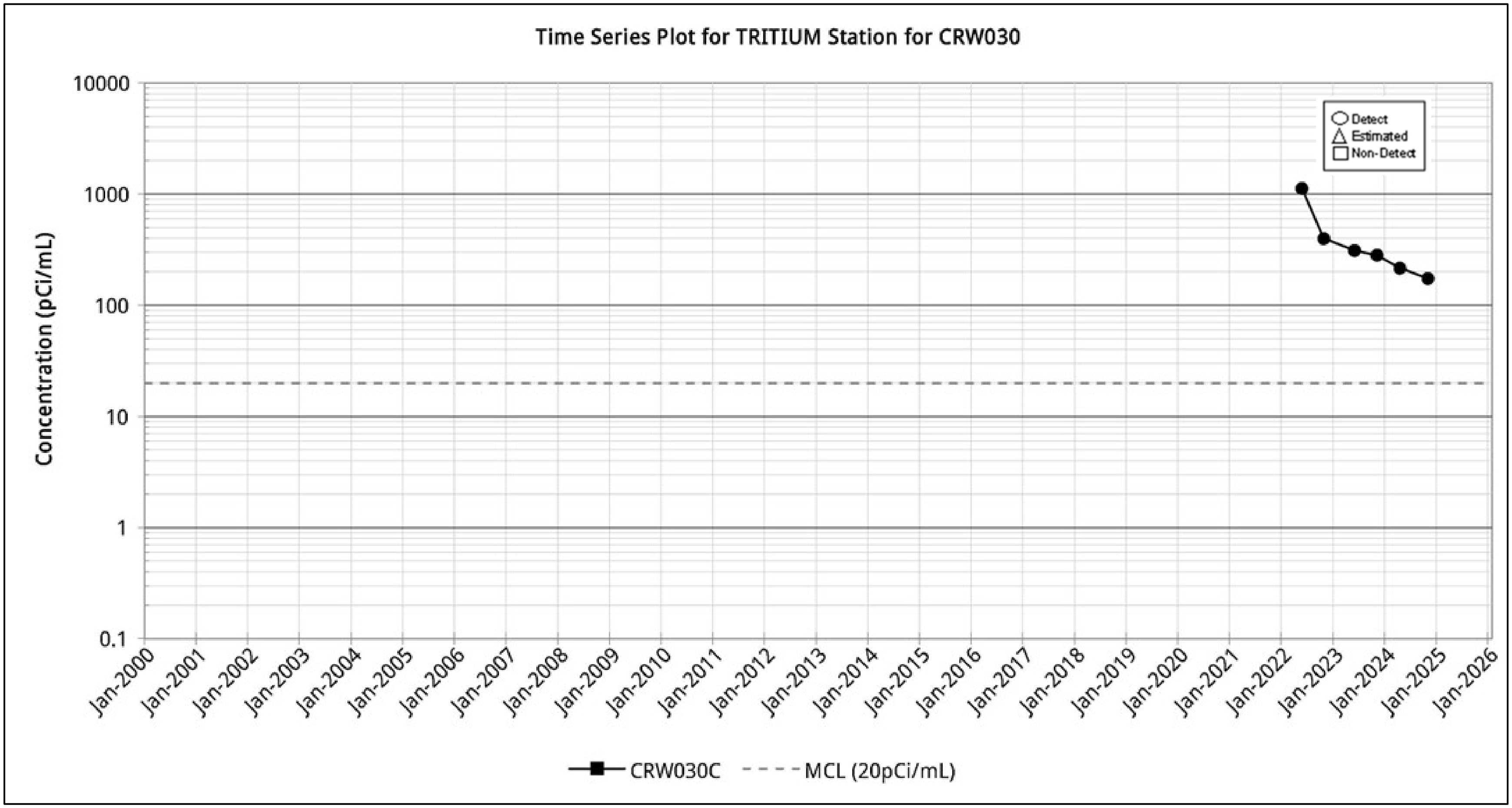
Time Series Plot for TRITIUM Station for CRW030
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CRW030C
MCL (20pCi/mL)

Figure C-108

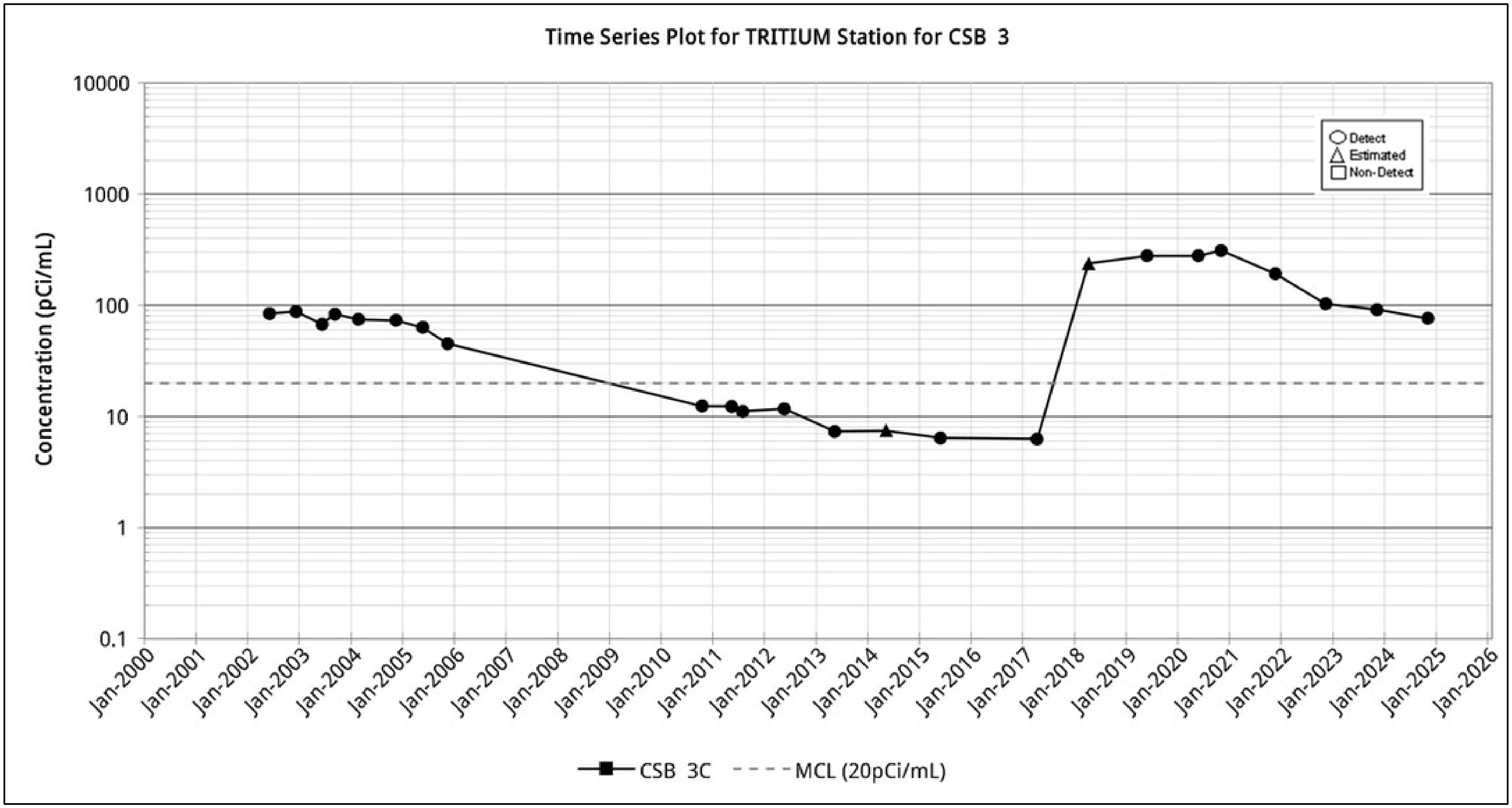
Time Series Plot for TRITIUM Station for CSB 3
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB 3C
MCL (20pCi/mL)

Figure C-109

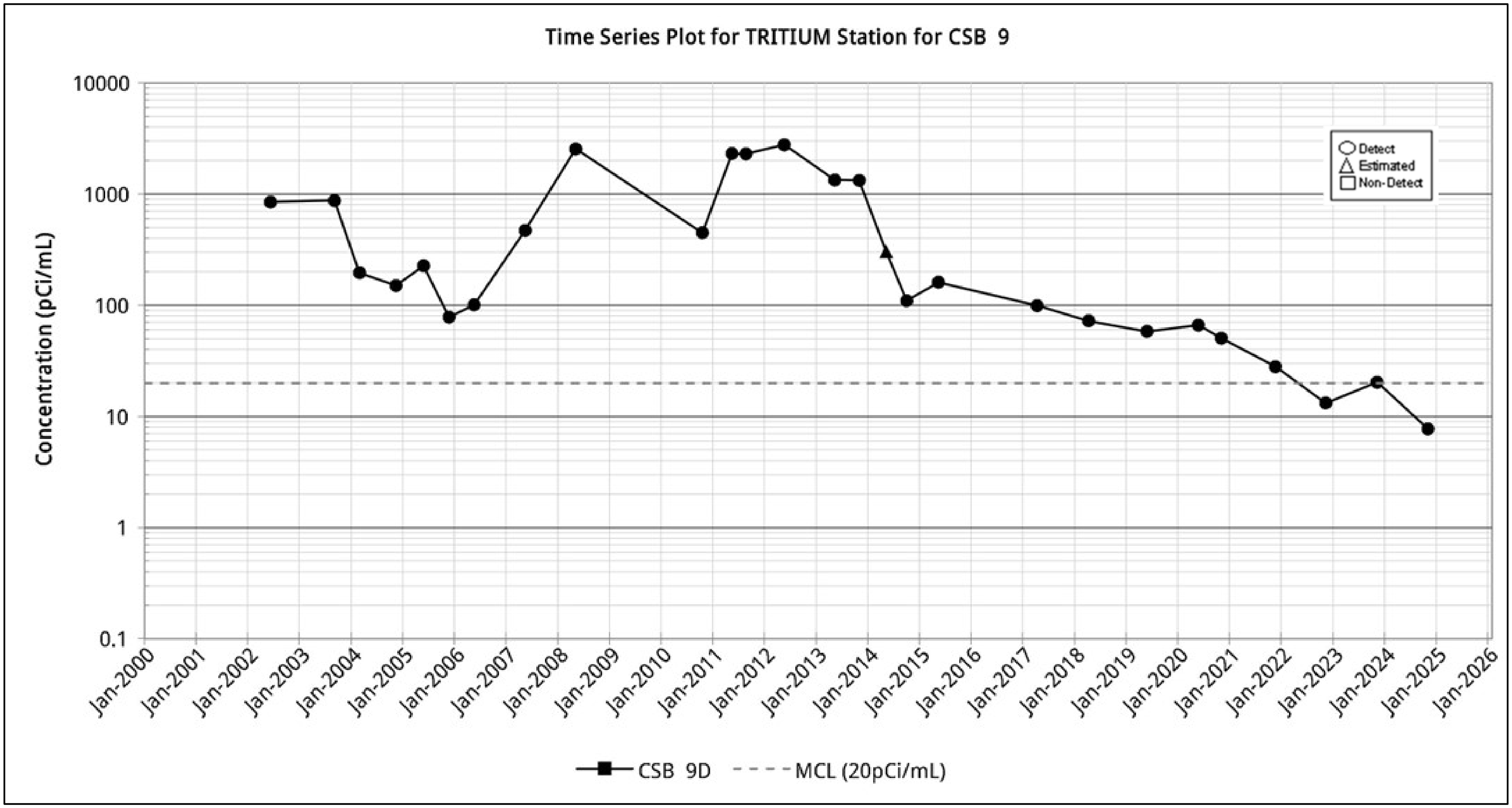
Time Series Plot for TRITIUM Station for CSB 9
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB 9D
MCL (20pCi/mL)

Figure C-110

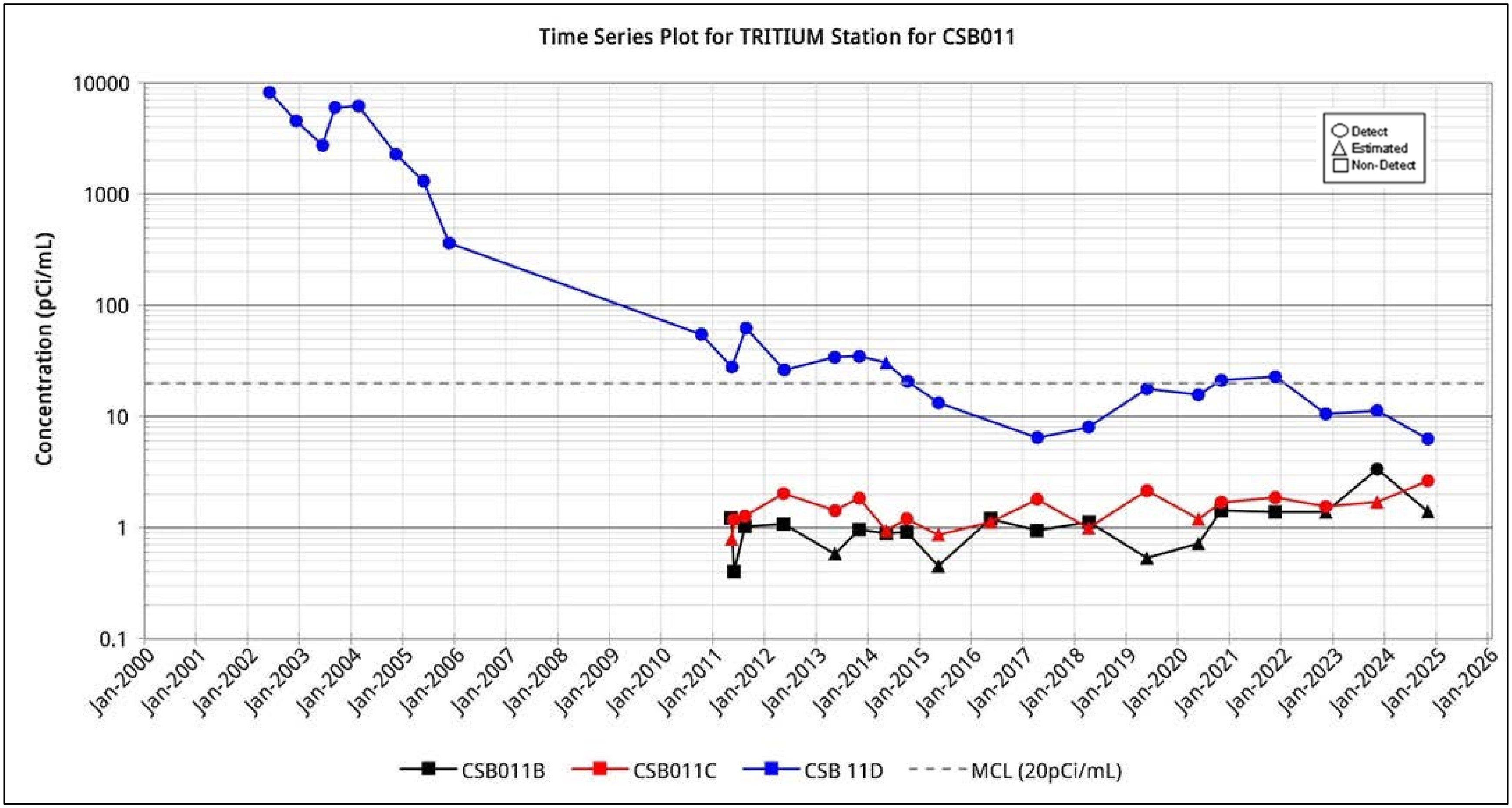
Time Series Plot for TRITIUM Station for CSB011
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB011B
CSB011C
CSB 11D
MCL (20pCi/mL)

Figure C-111

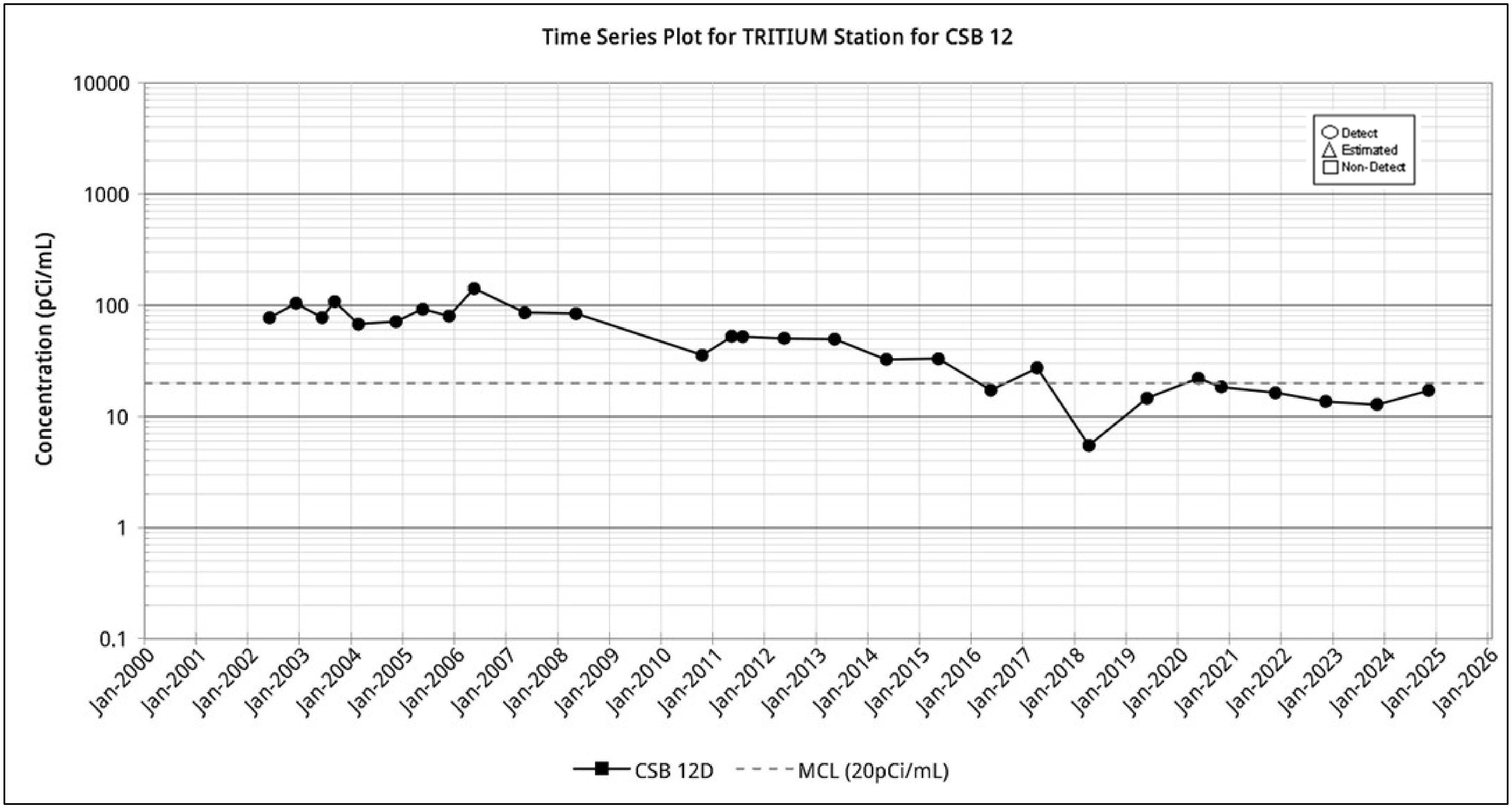
Time Series Plot for TRITIUM Station for CSB 12
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB 12D
MCL (20pCi/mL)

Figure C-112

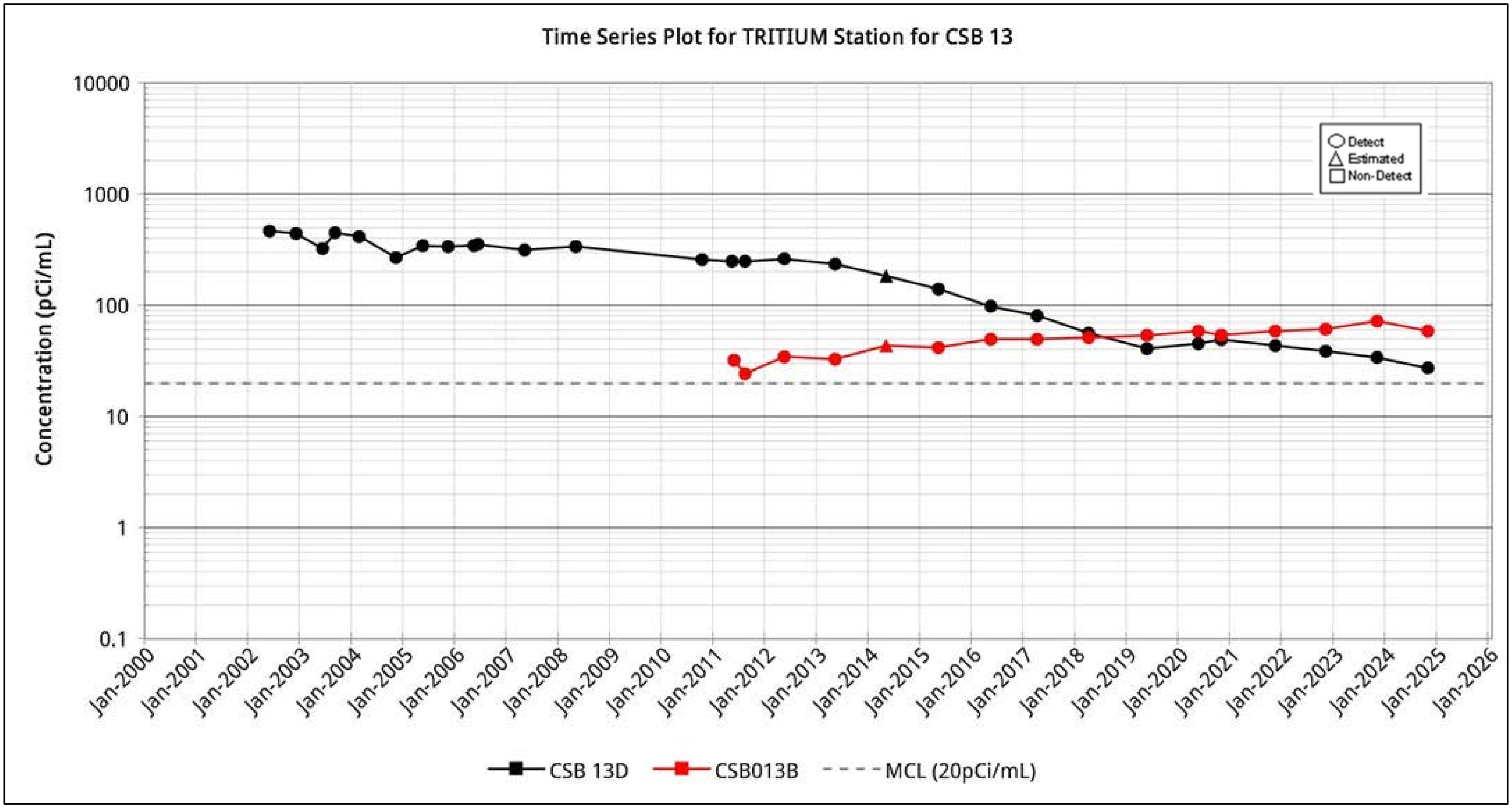
Time Series Plot for TRITIUM Station for CSB 13
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB 13D
CSB013B
MCL (20pCi/mL)

Figure C-113

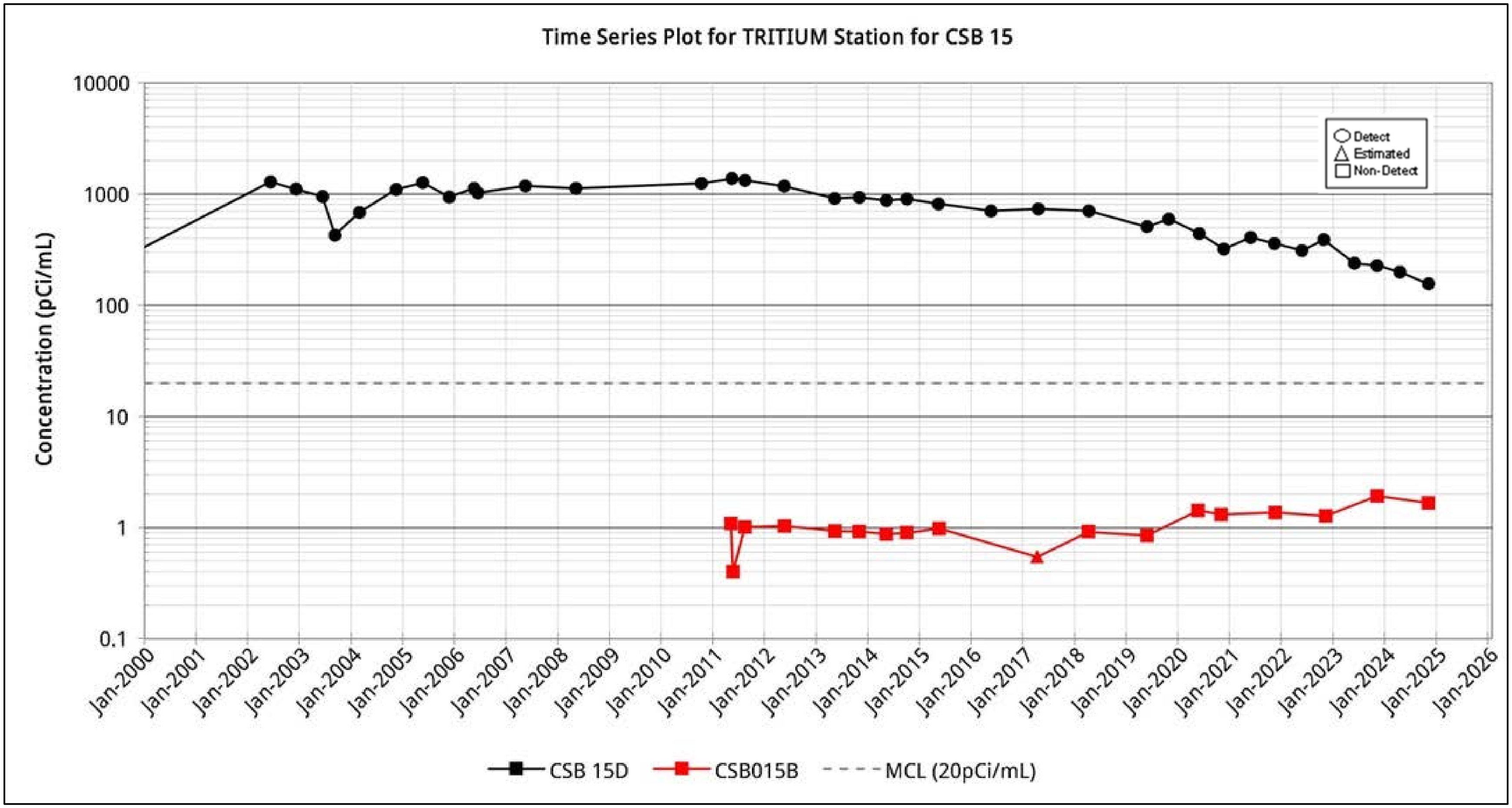
Time Series Plot for TRITIUM Station for CSB 15
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CSB 15D
CSB015B
MCL (20pCi/mL)

Figure C-114

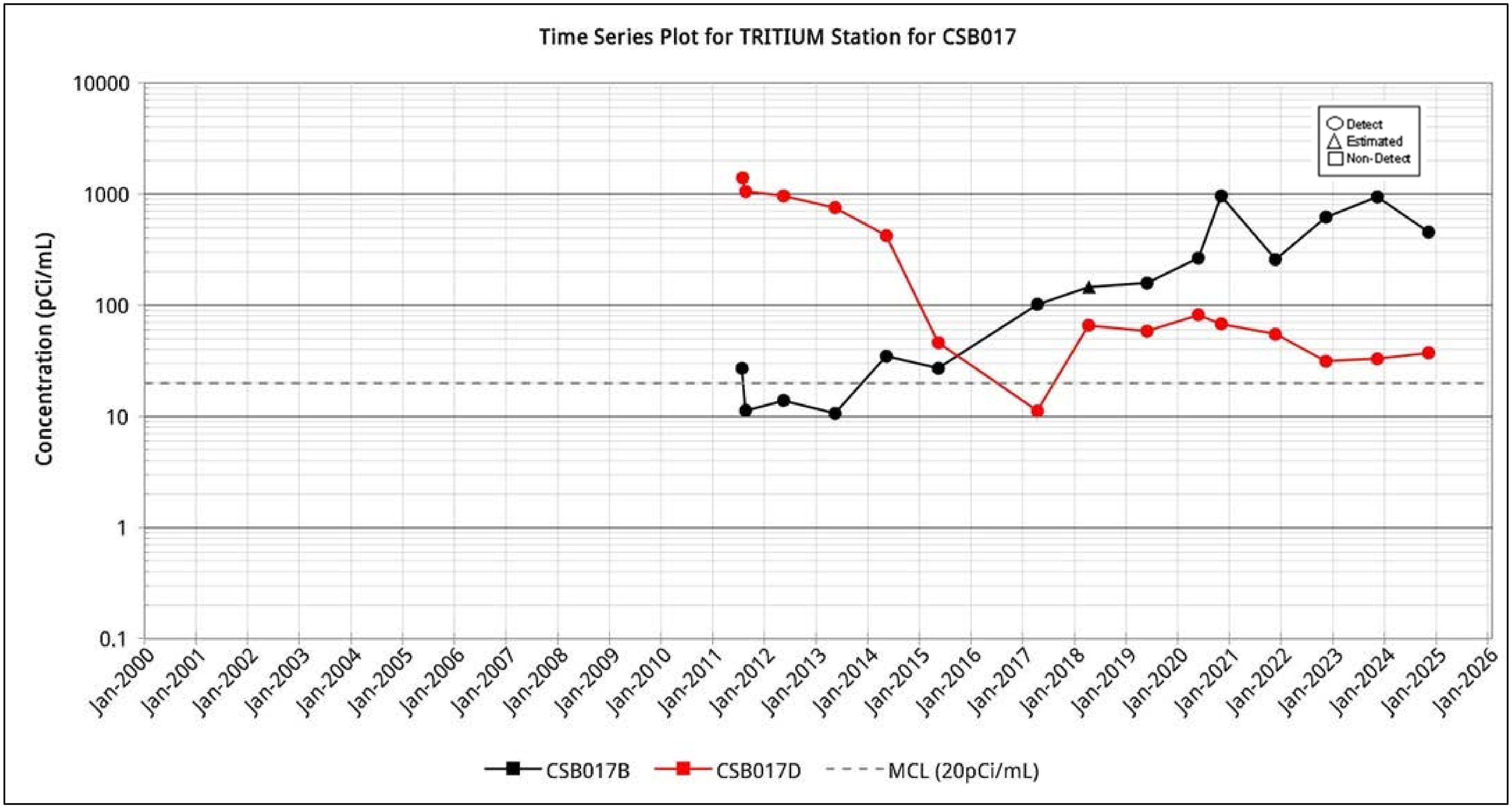
Time Series Plot for TRITIUM Station for CSB017
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CSB017B
CSB017D
MCL (20pCi/mL)

Figure C-115

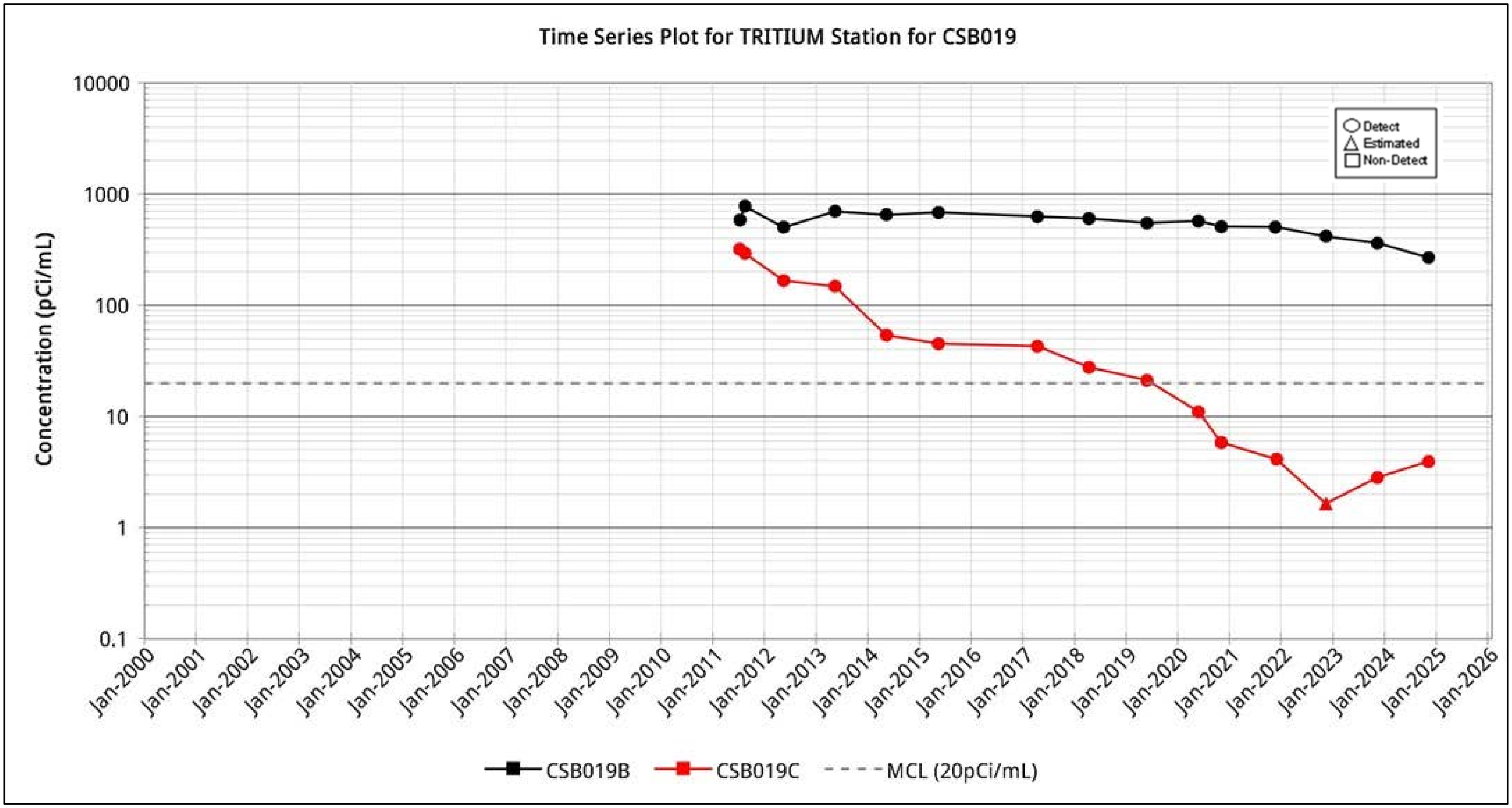
Time Series Plot for TRITIUM Station for CSB019
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CSB019B
CSB019C
MCL (20pCi/mL)

Figure C-116

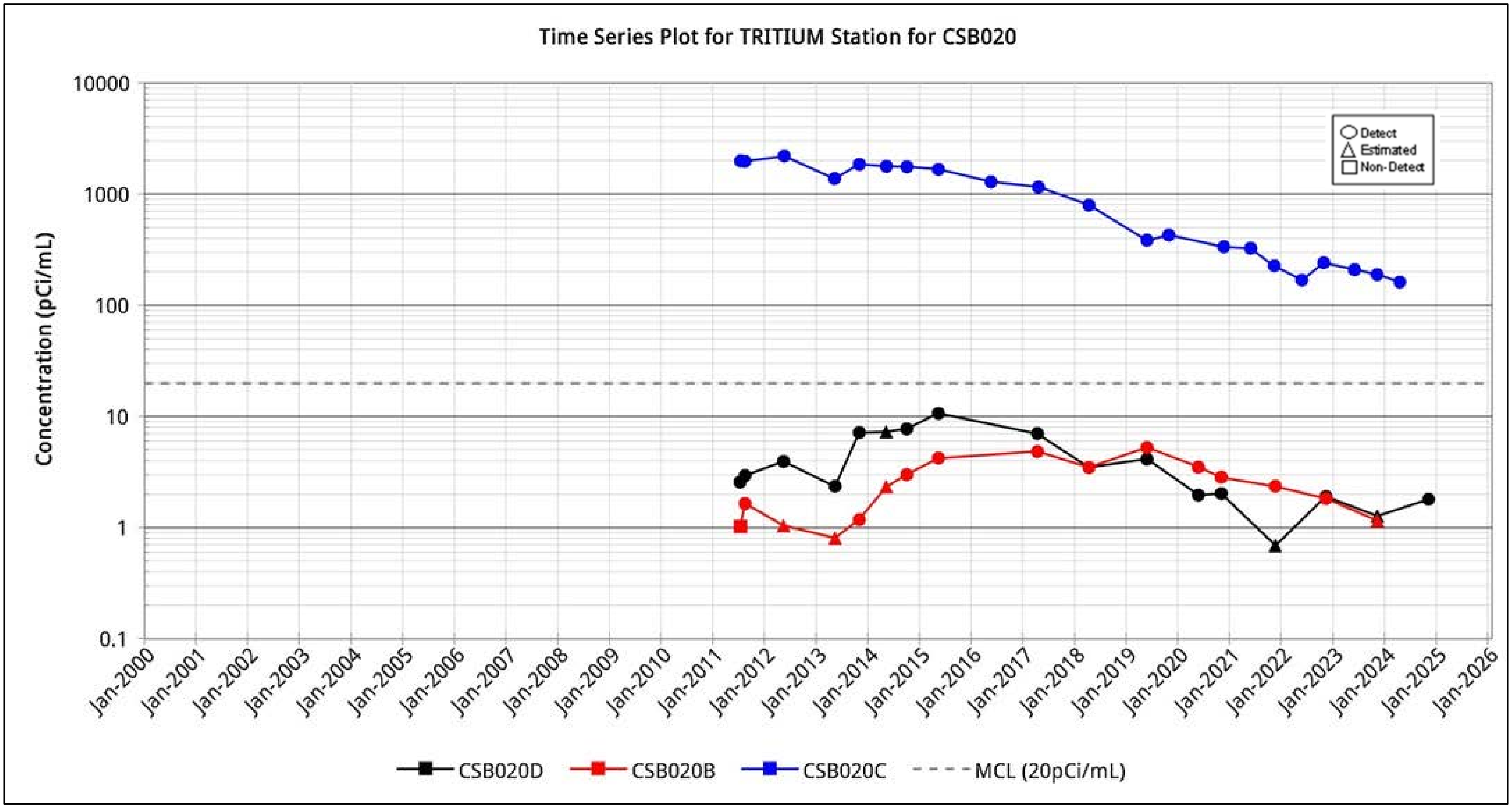
Time Series Plot for TRITIUM Station for CSB020
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB020D
CSB020B
CSB020C
MCL (20pCi/mL)

Figure C-117

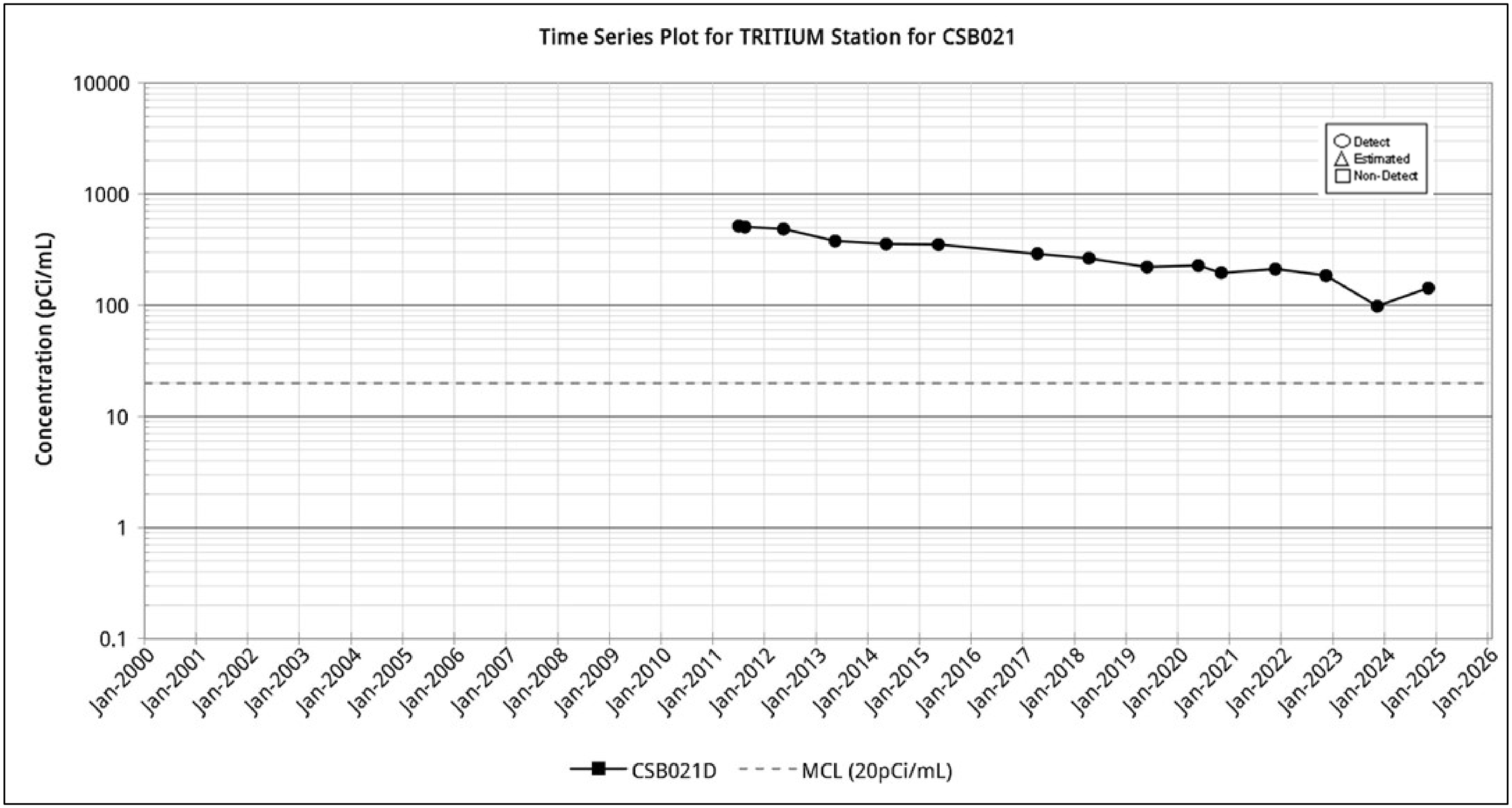
Time Series Plot for TRITIUM Station for CSB021
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CSB021D
MCL (20pCi/mL)

Figure C-118

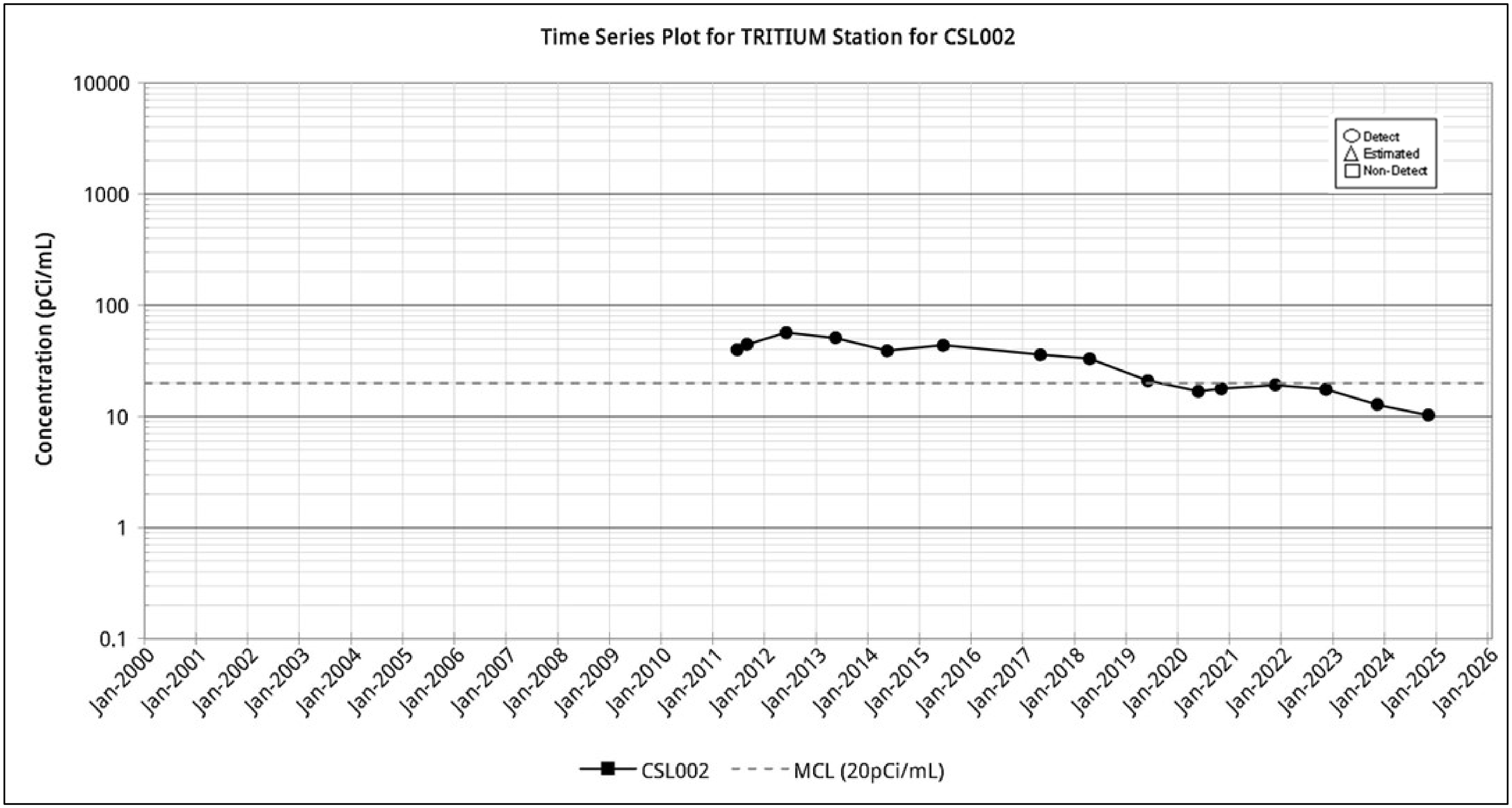
Time Series Plot for TRITIUM Station for CSL002
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CSL002
MCL (20pCi/mL)

Figure C-119

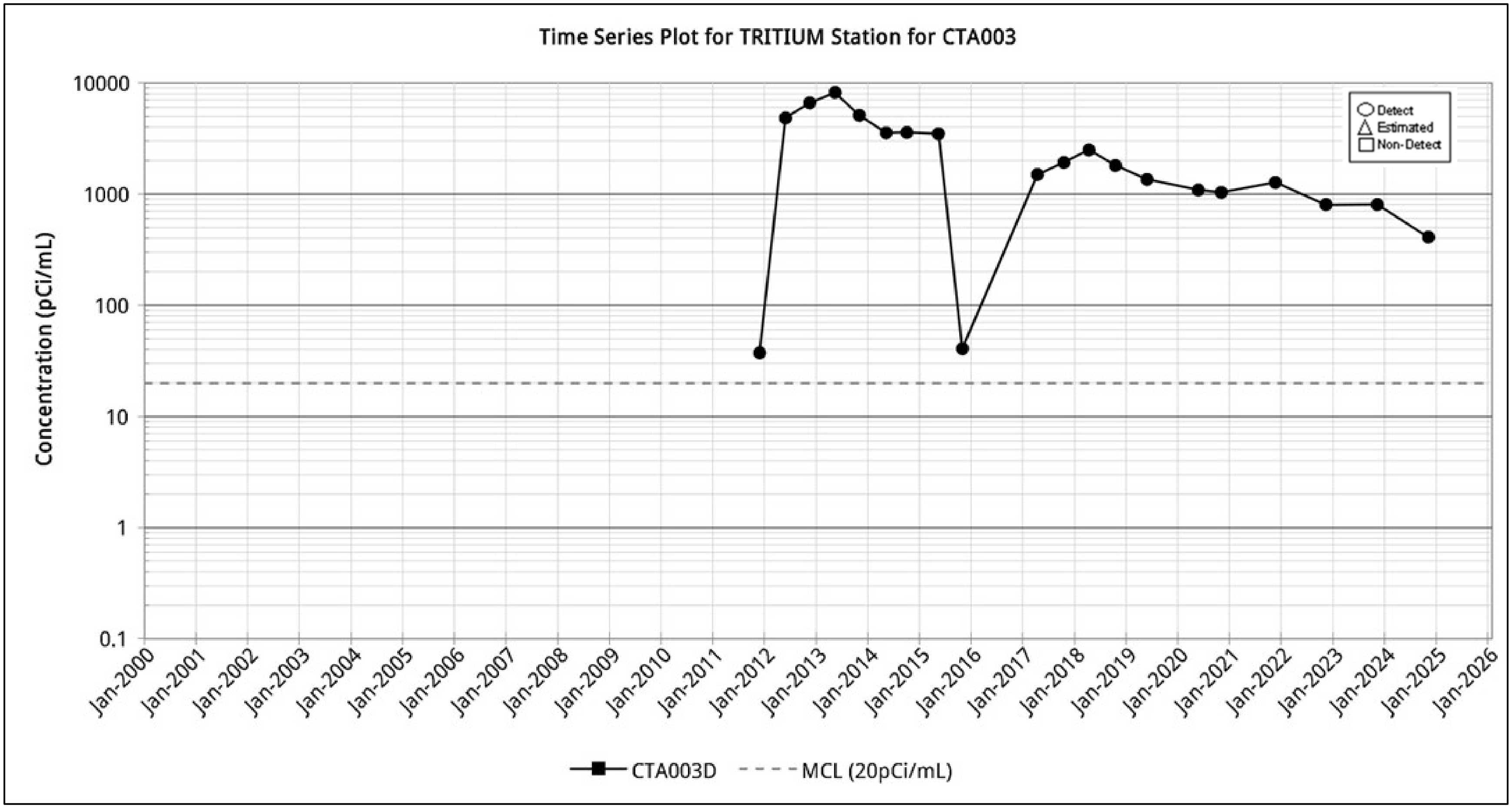
Time Series Plot for TRITIUM Station for CTA003
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
CTA003D
MCL (20pCi/mL)

Figure C-120

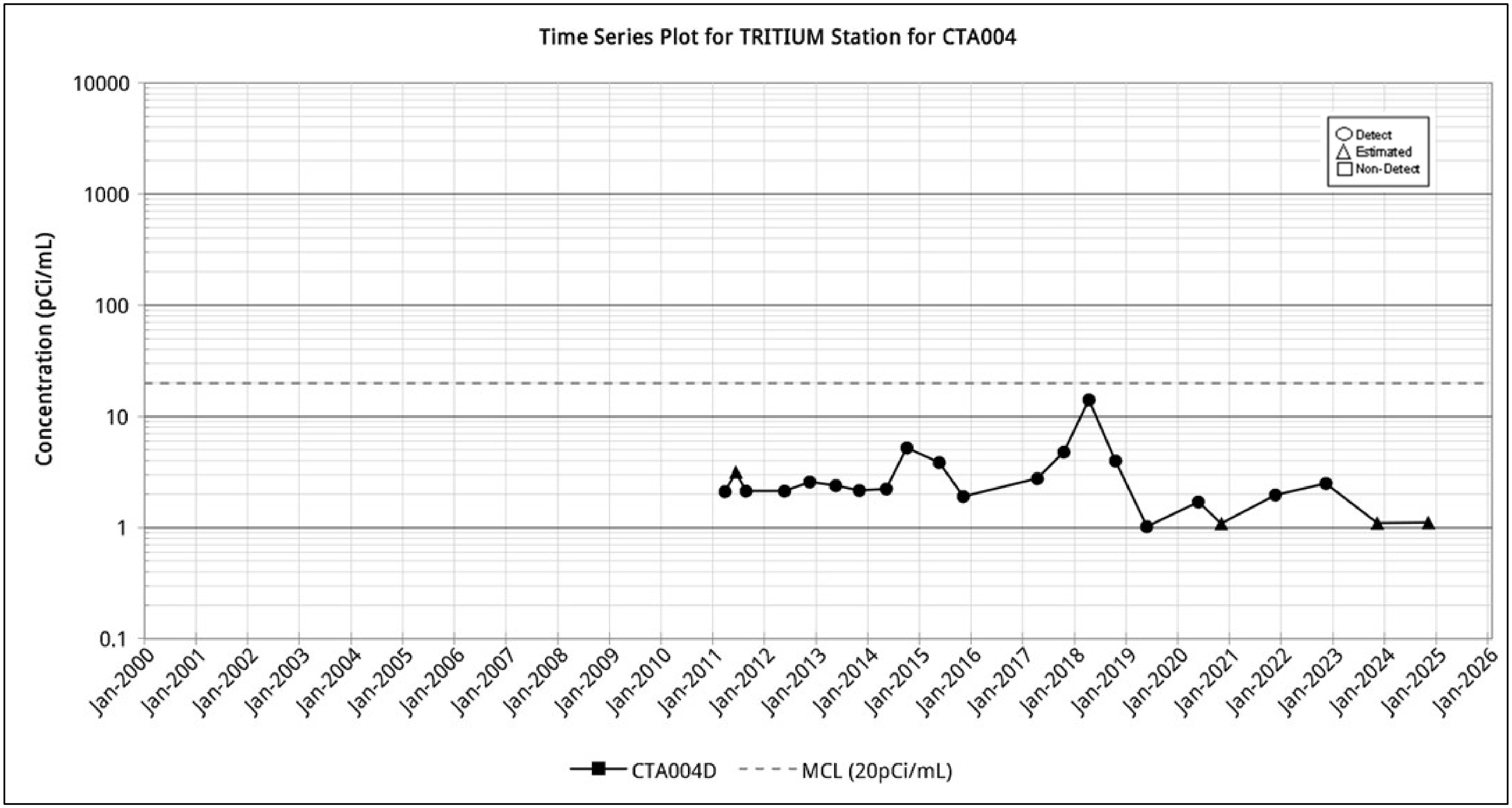
Time Series Plot for TRITIUM Station for CTA004
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
CTA004D
MCL (20pCi/mL)

Figure C-121

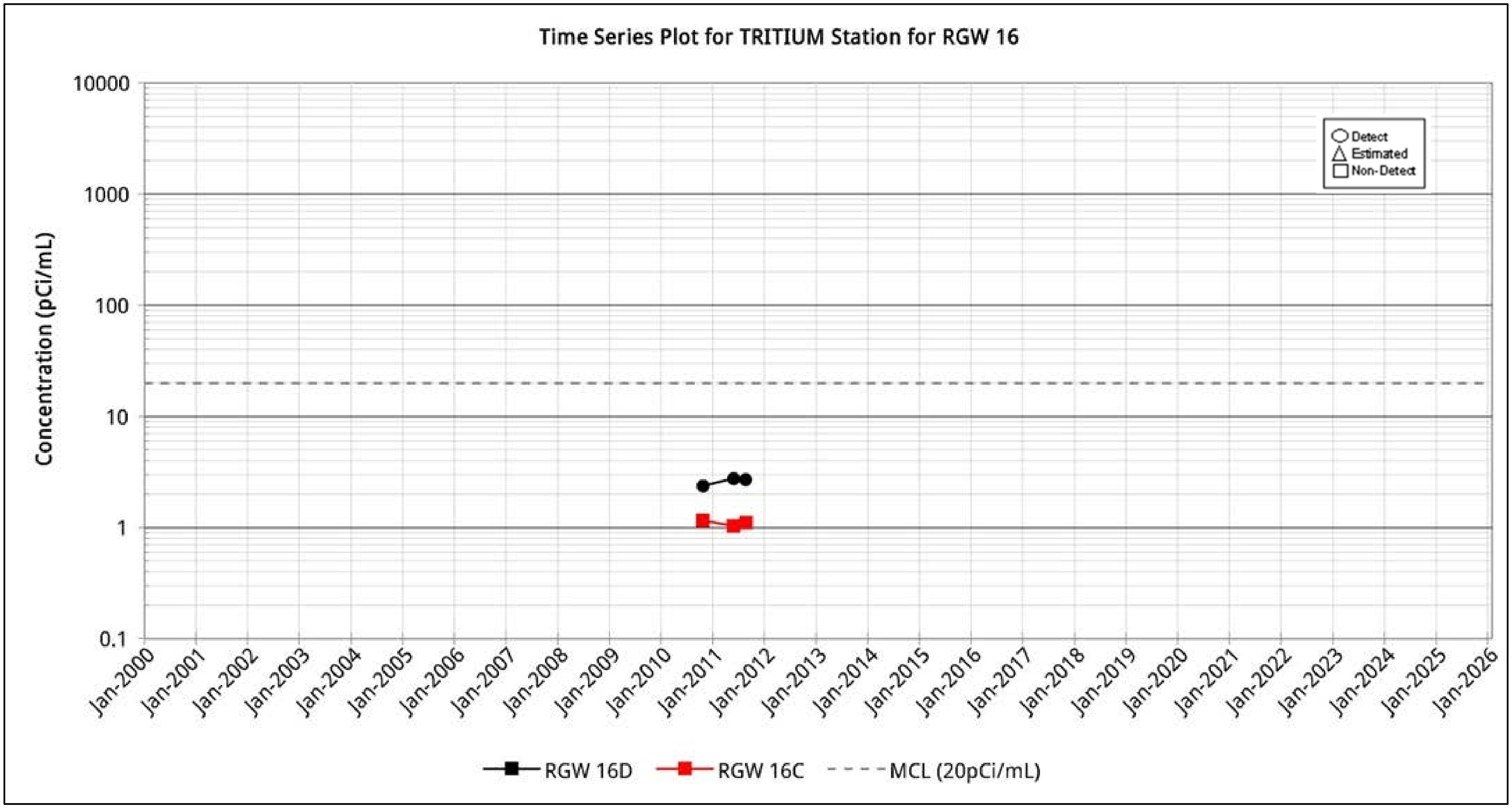
Time Series Plot for TRITIUM Station for RGW 16
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
RGW 16D
RGW 16C
MCL (20pCi/mL)

Figure C-122

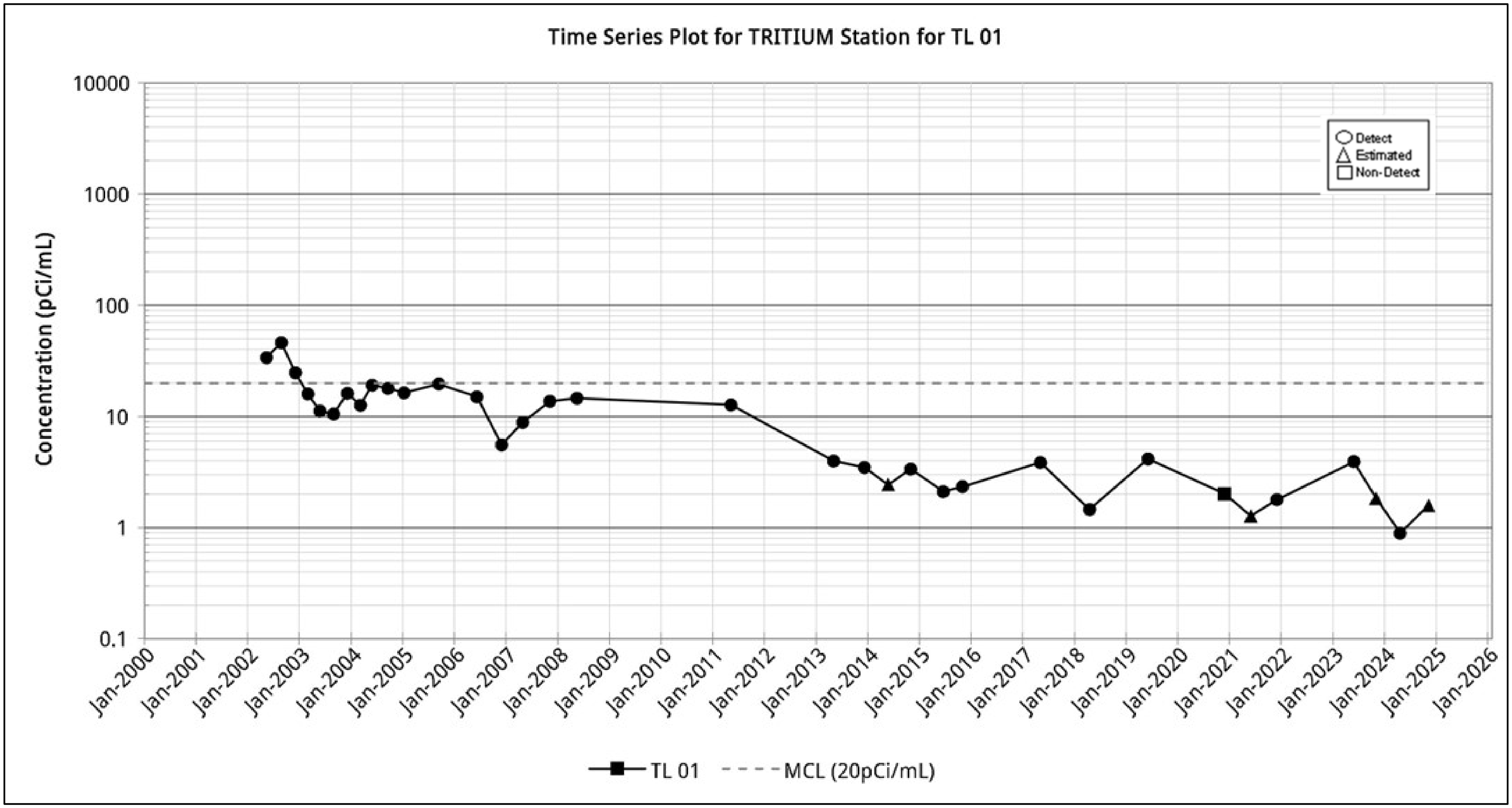
Time Series Plot for TRITIUM Station for TL 01
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
TL 01
MCL (20pCi/mL)

Figure C-123

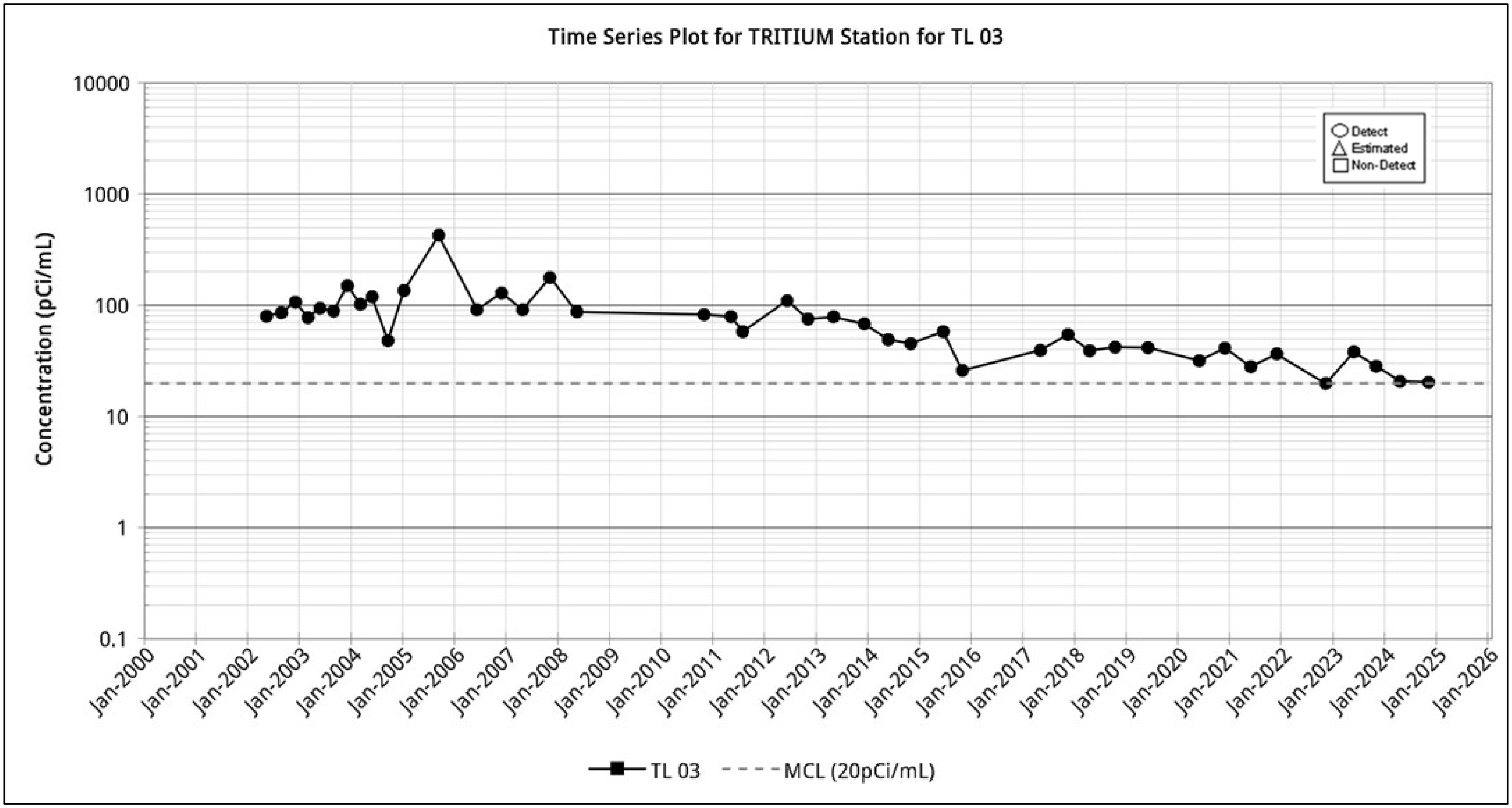
Time Series Plot for TRITIUM Station for TL 03
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
TL 03
MCL (20pCi/mL)

Figure C-124

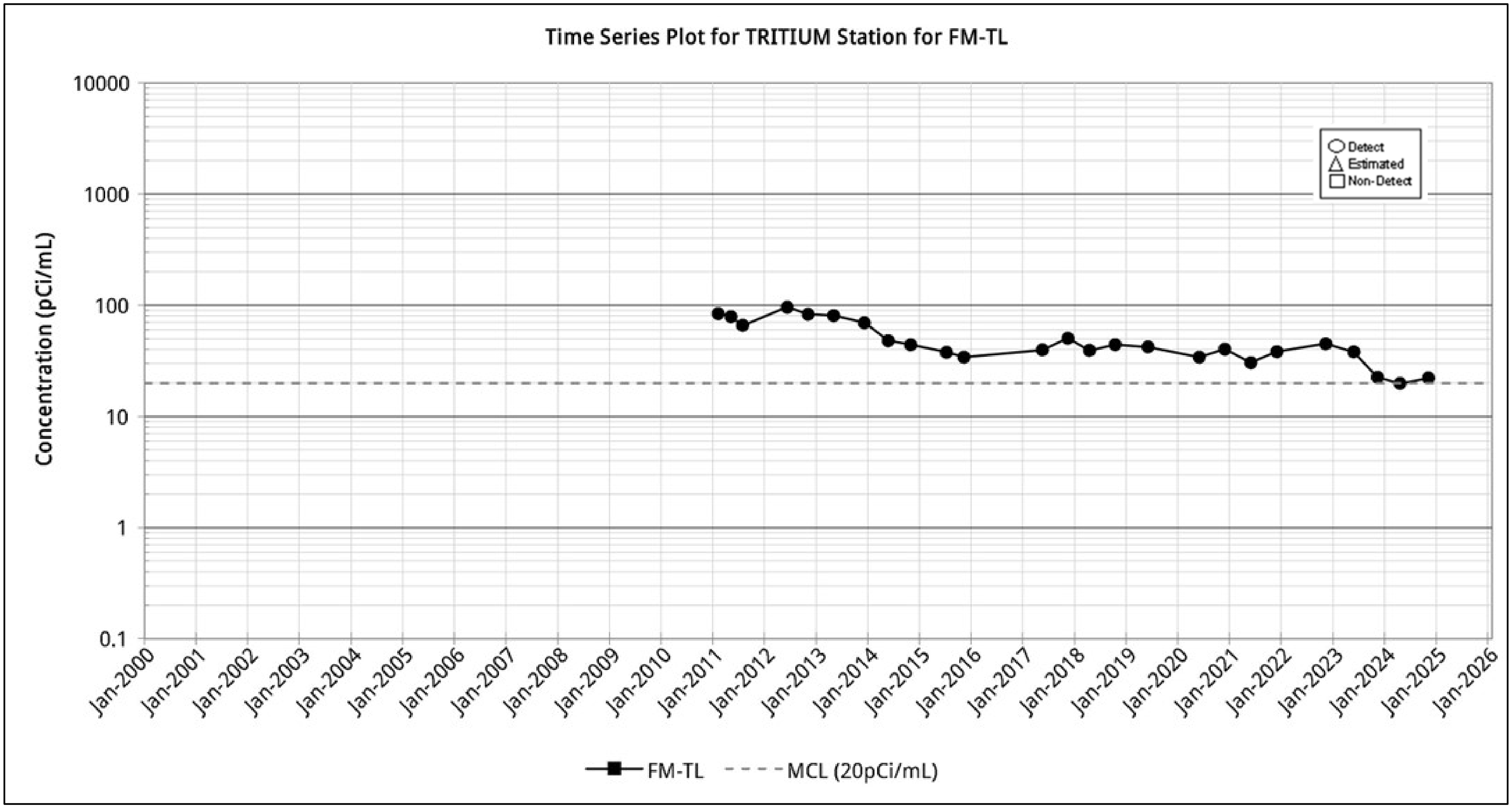
Time Series Plot for TRITIUM Station for FM-TL
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
FM-TL
MCL (20pCi/mL)

Figure C-125

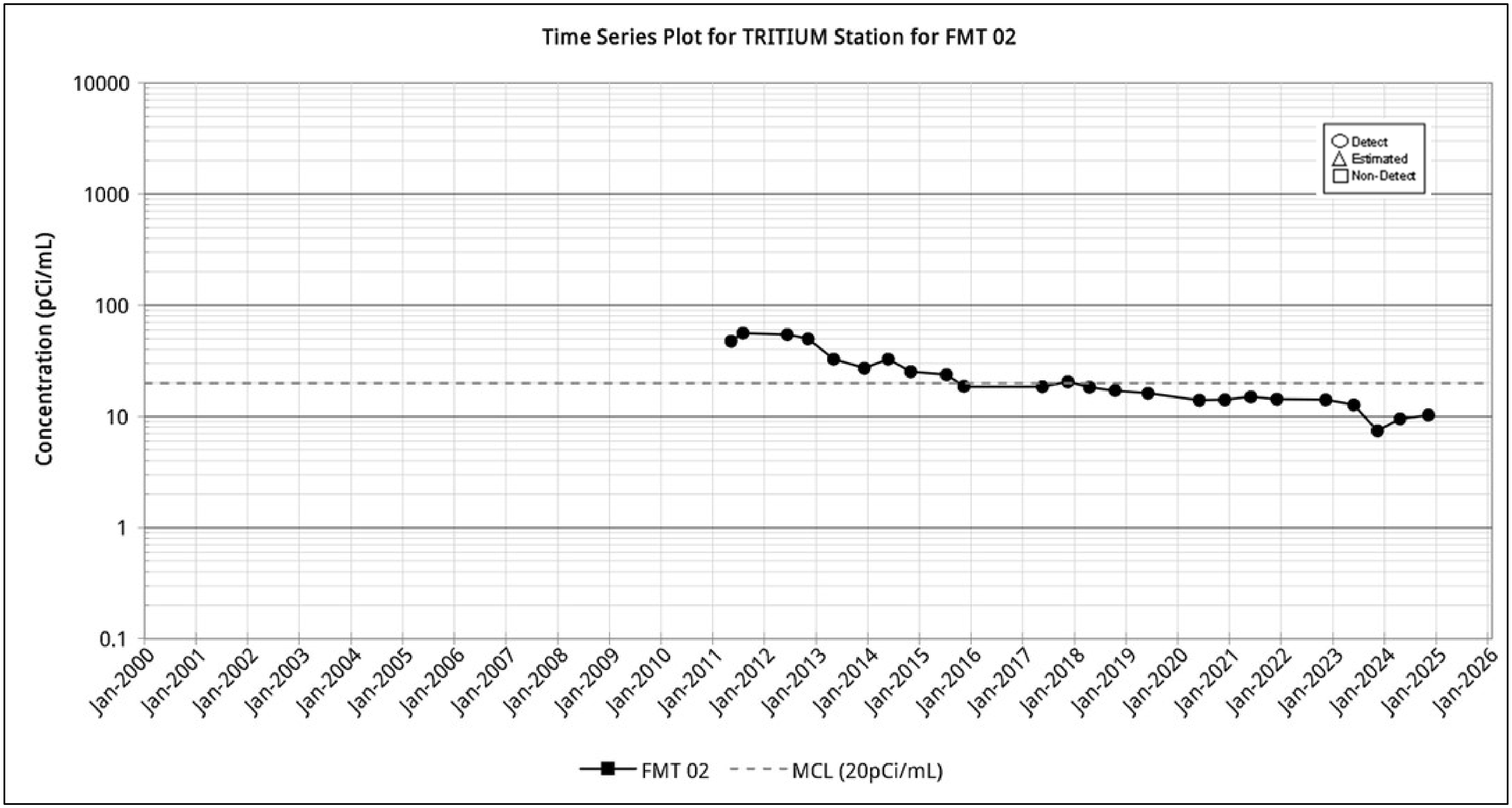
Time Series Plot for TRITIUM Station for FMT 02
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Detect
Estimated
Non-Detect
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
FMT 02
MCL (20pCi/mL)

Figure C-126

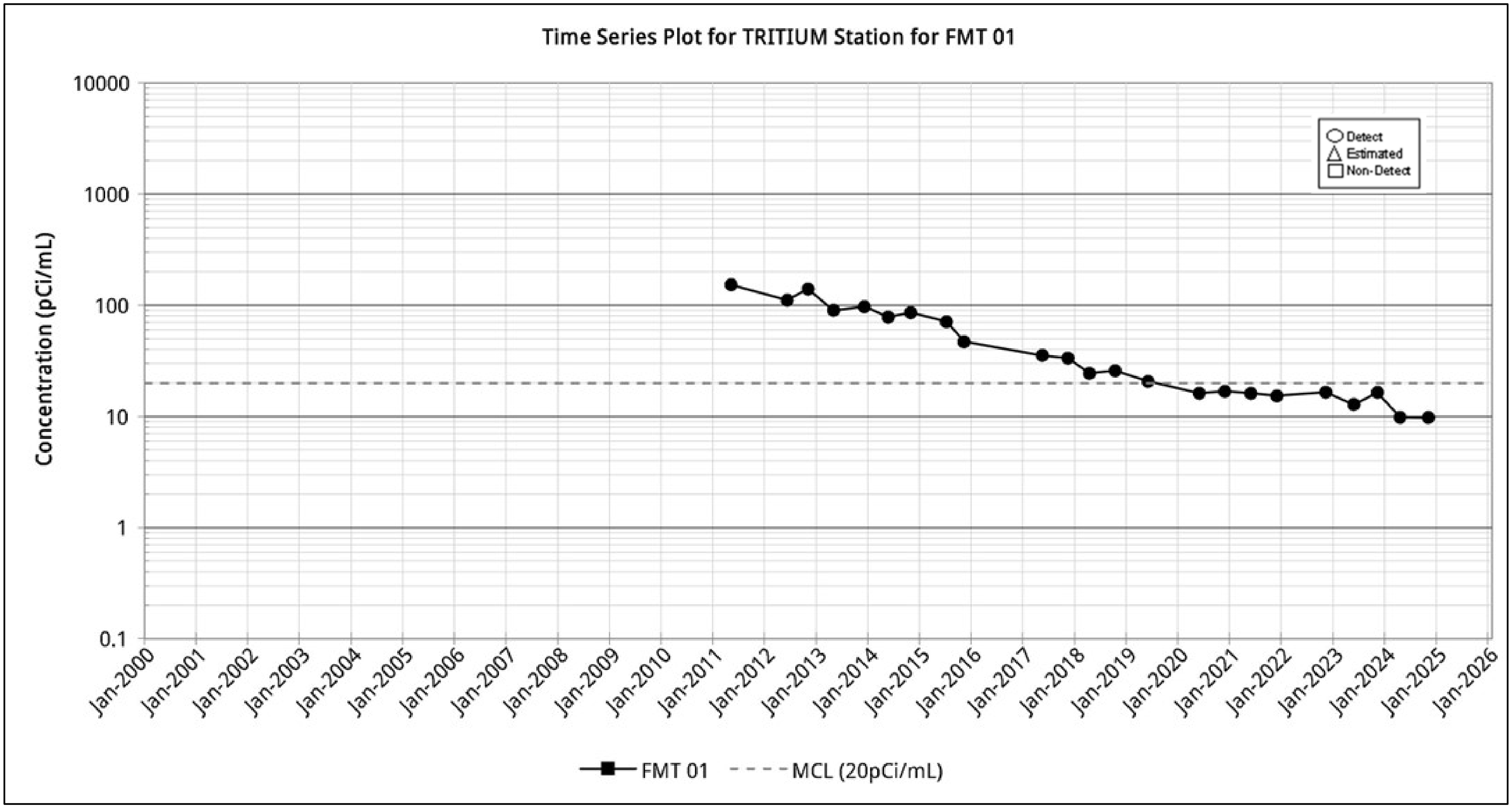
Time Series Plot for TRITIUM Station for FMT 01
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Detect
Estimated
Non-Detect
FMT 01
MCL (20pCi/mL)

Figure C-127

APPENDIX D

TCE and Tritium Plume Maps

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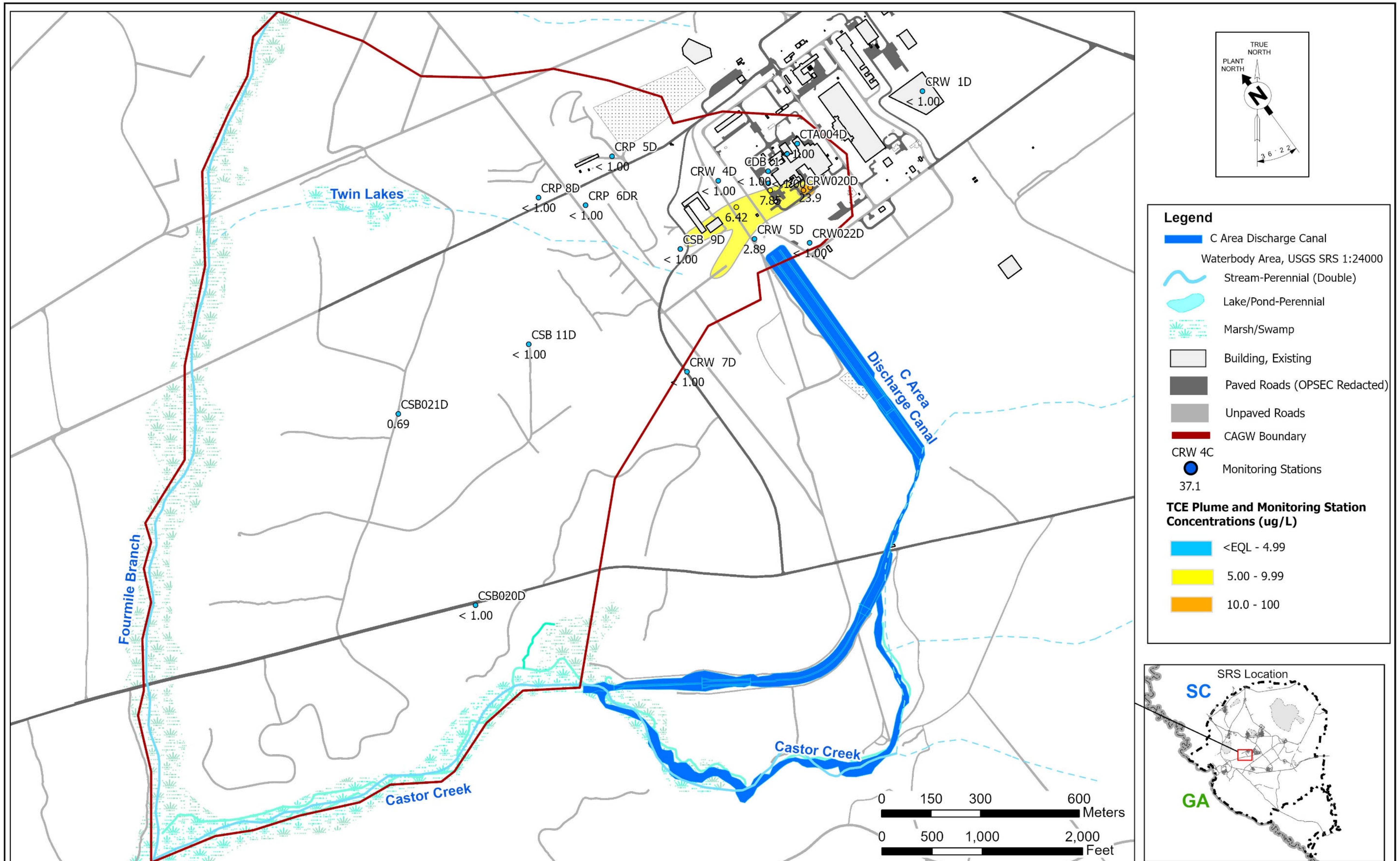

Figure D-1. 4Q24 TCE Plume for the UAZ.

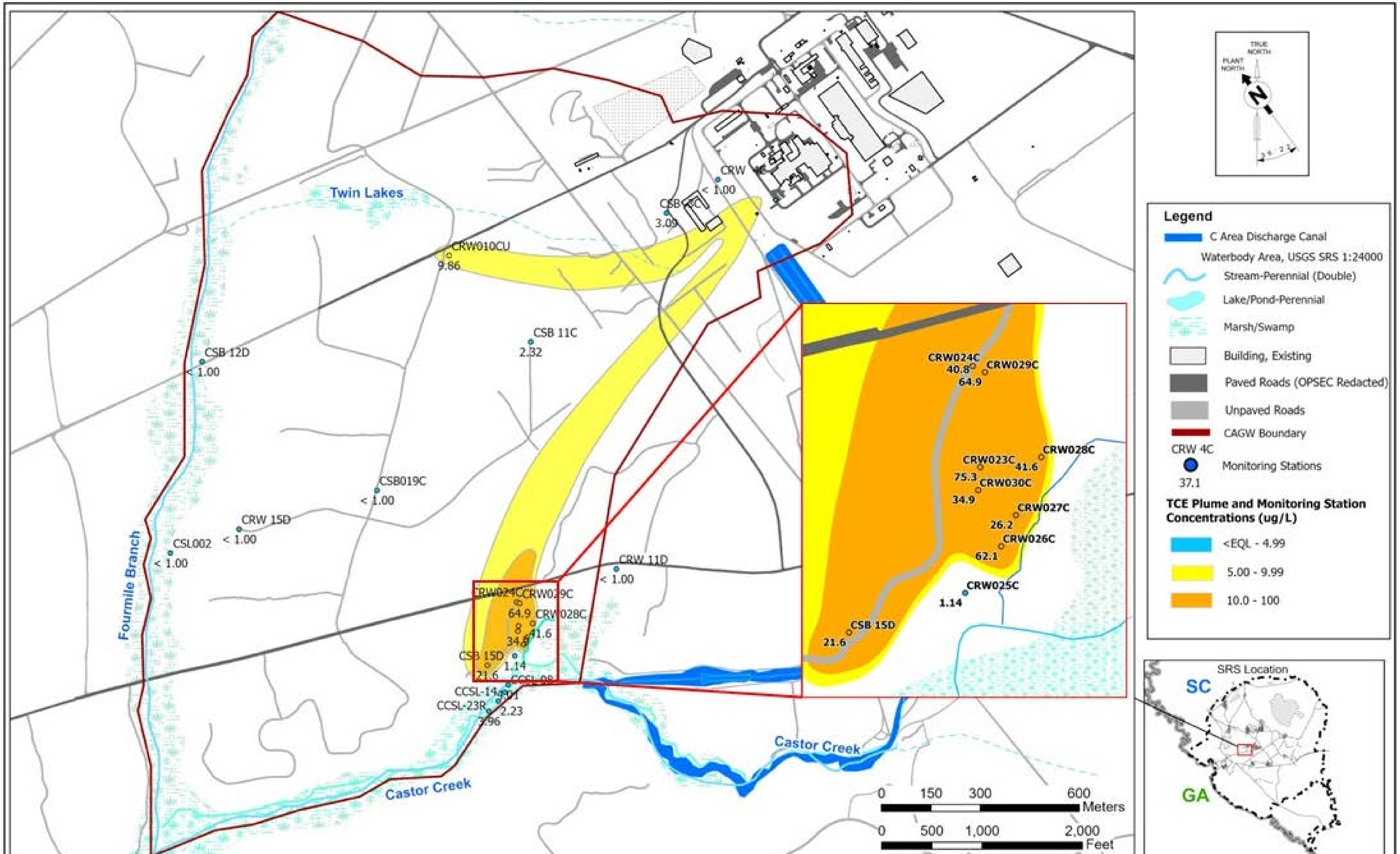

Figure D-2. 4Q24 TCE Plume for the MAZ.

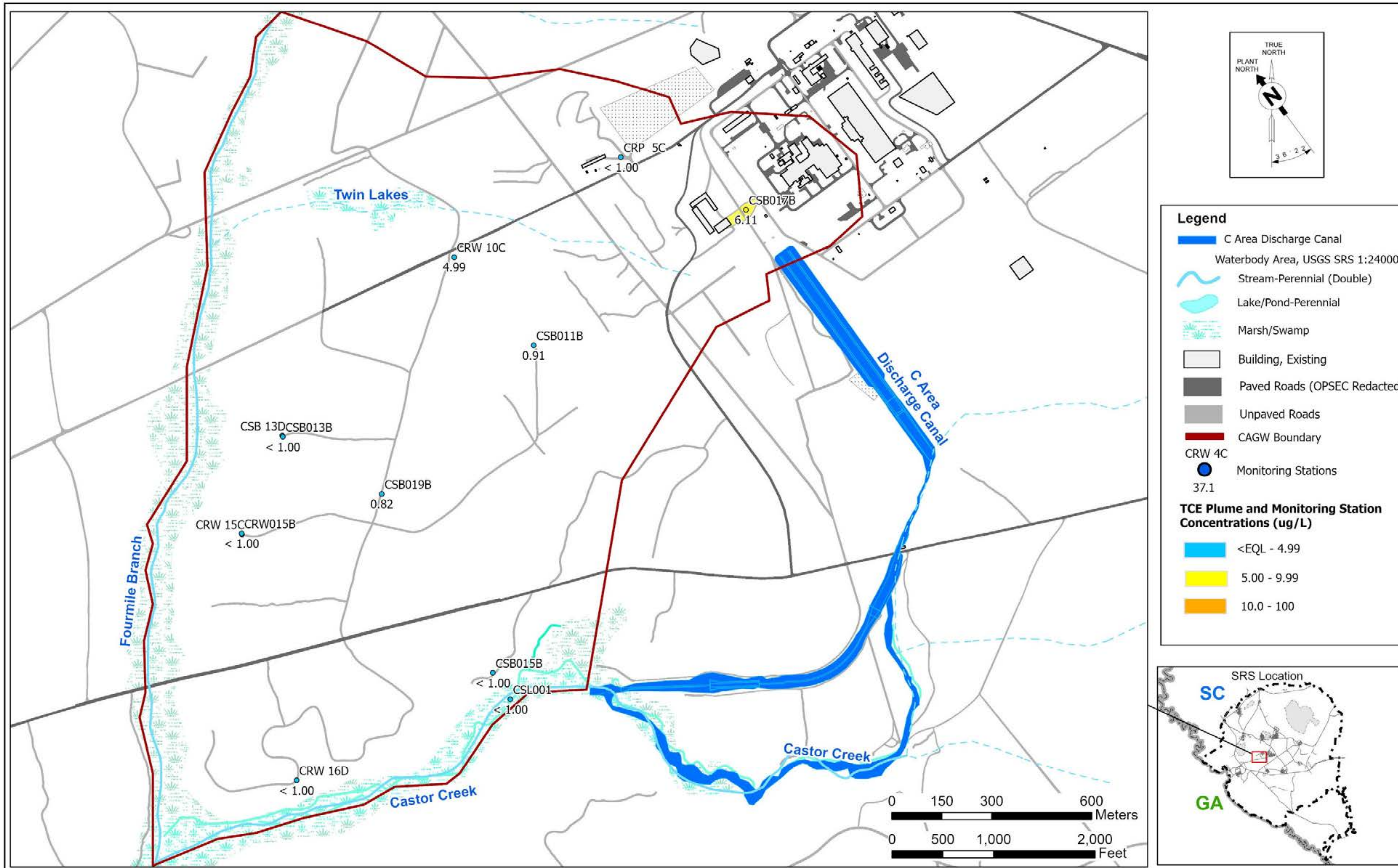

Figure D-3. 4Q24 TCE Plume for the LAZ.

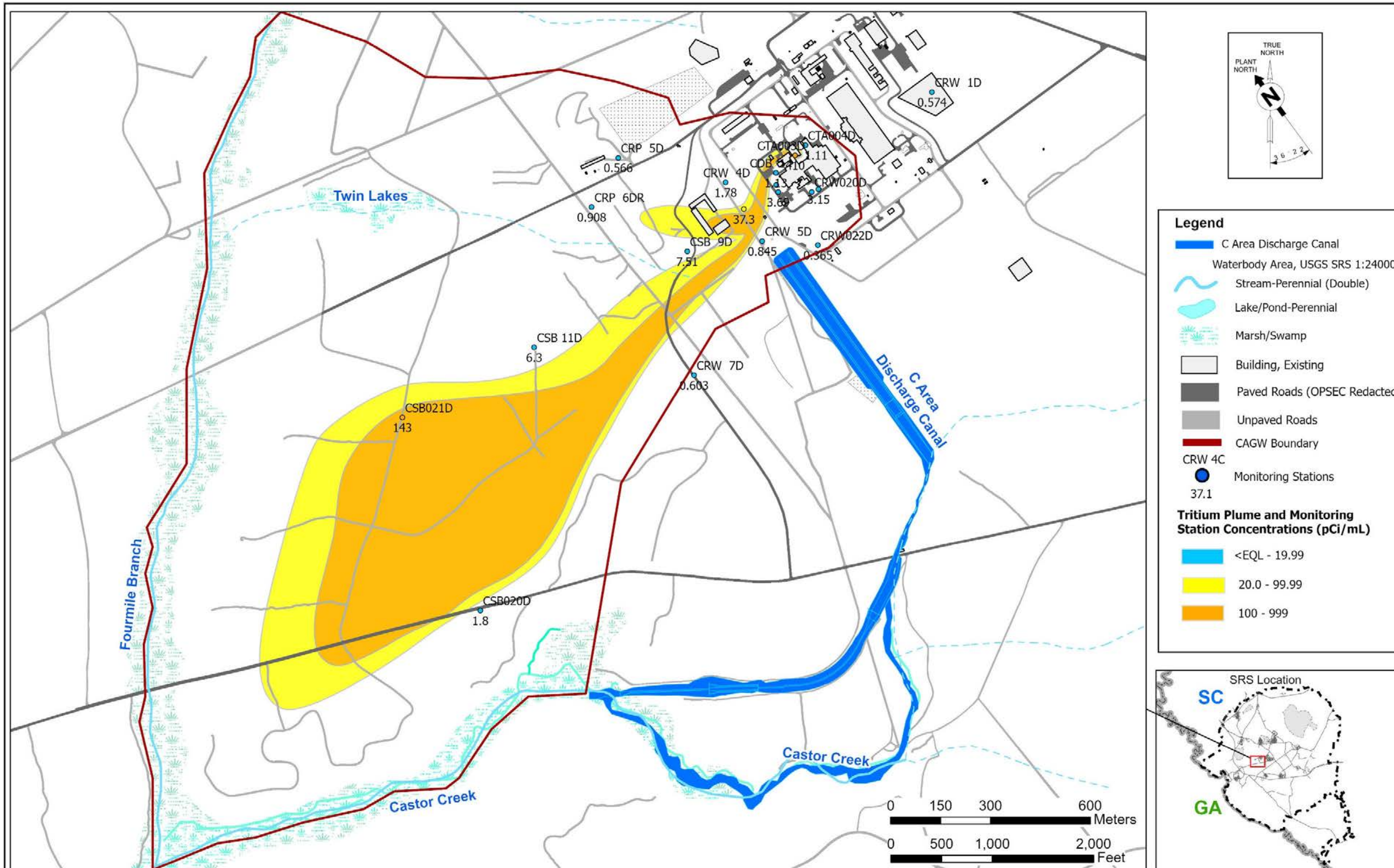

Figure D-4. 4Q24 Tritium Plume for the UAZ.

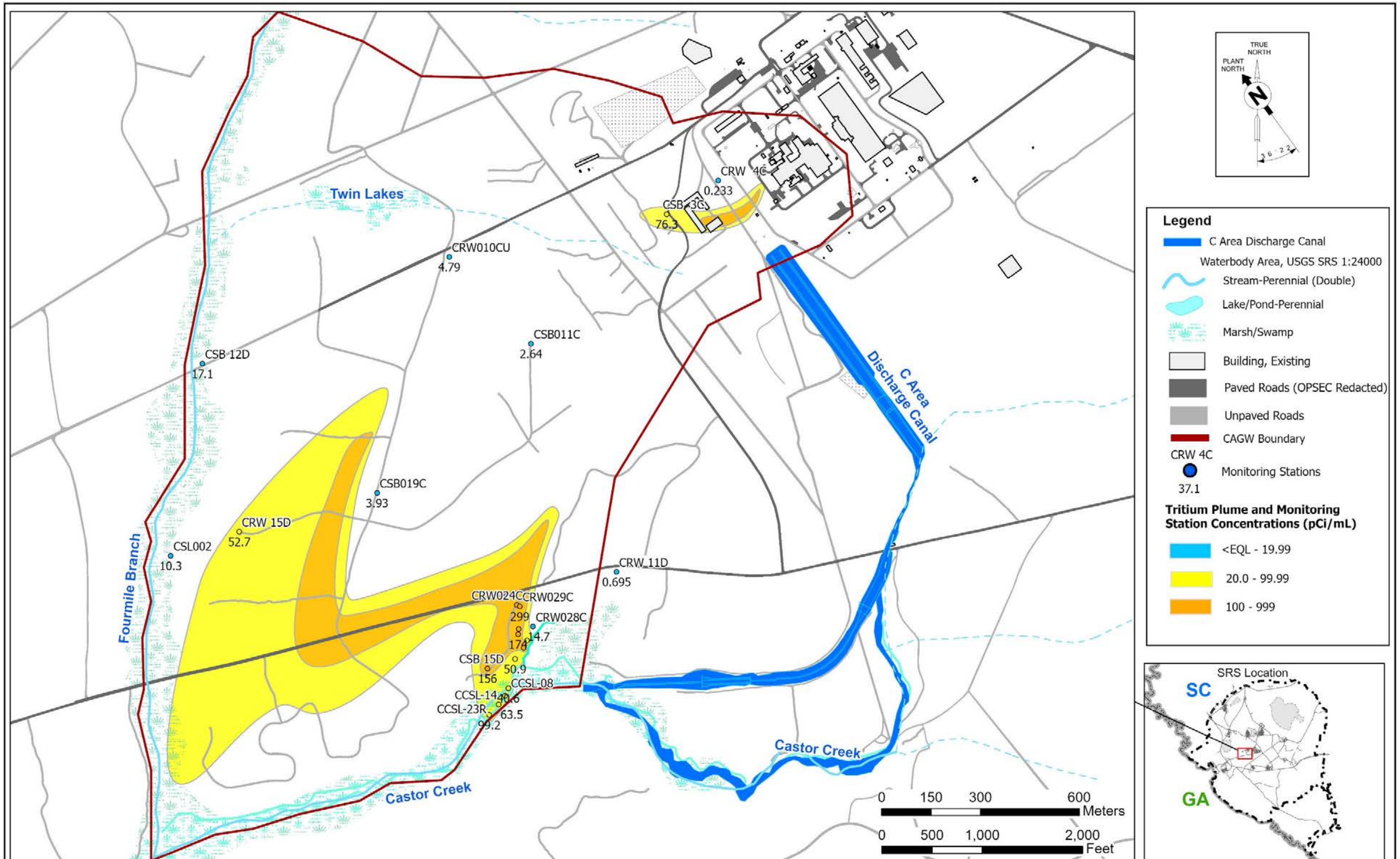

Figure D-5. 4Q24 Tritium Plume for the MAZ.

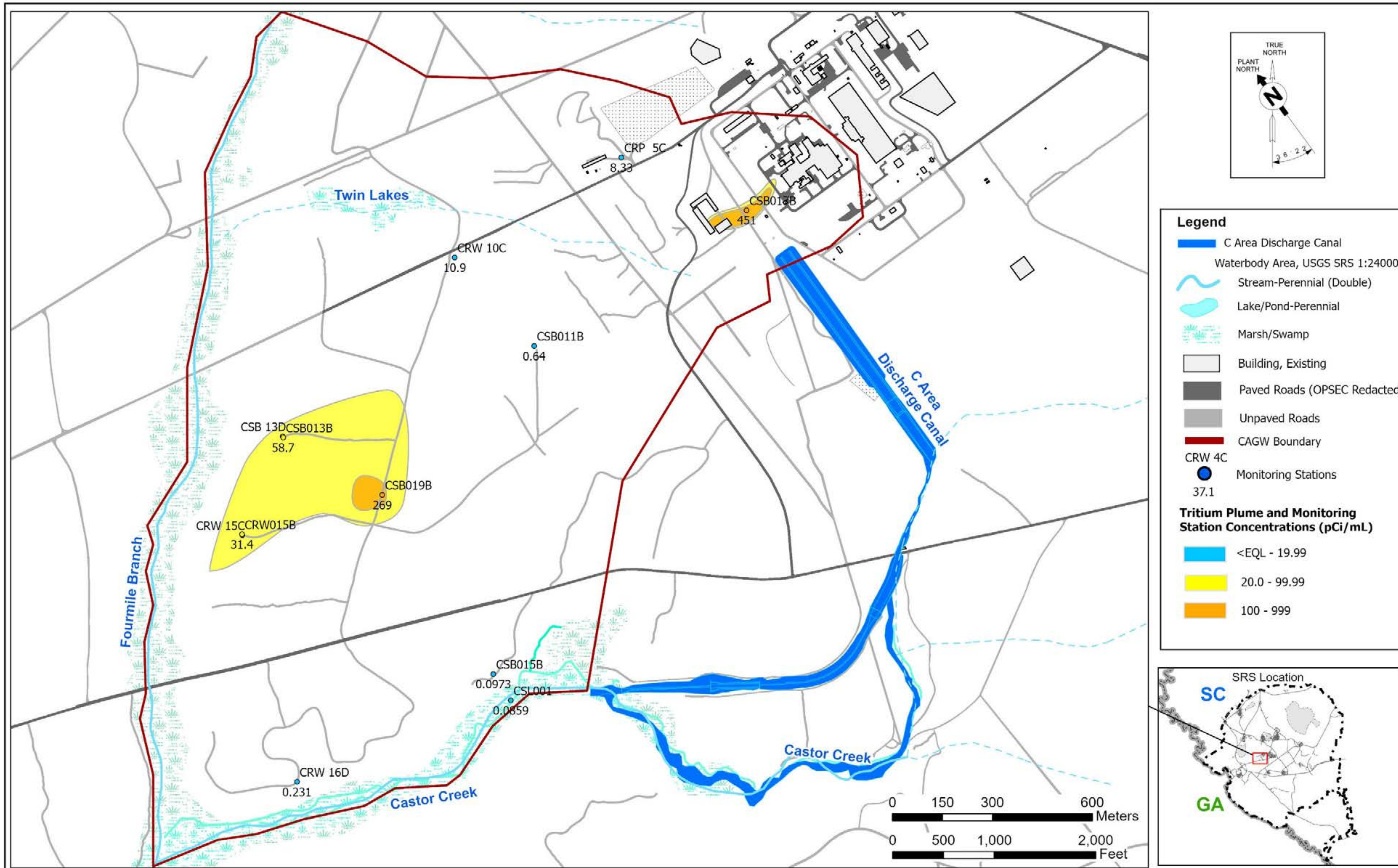

Figure D-6. 4Q24 Tritium Plume for the LAZ.

Appendix E

Potentiometric Maps

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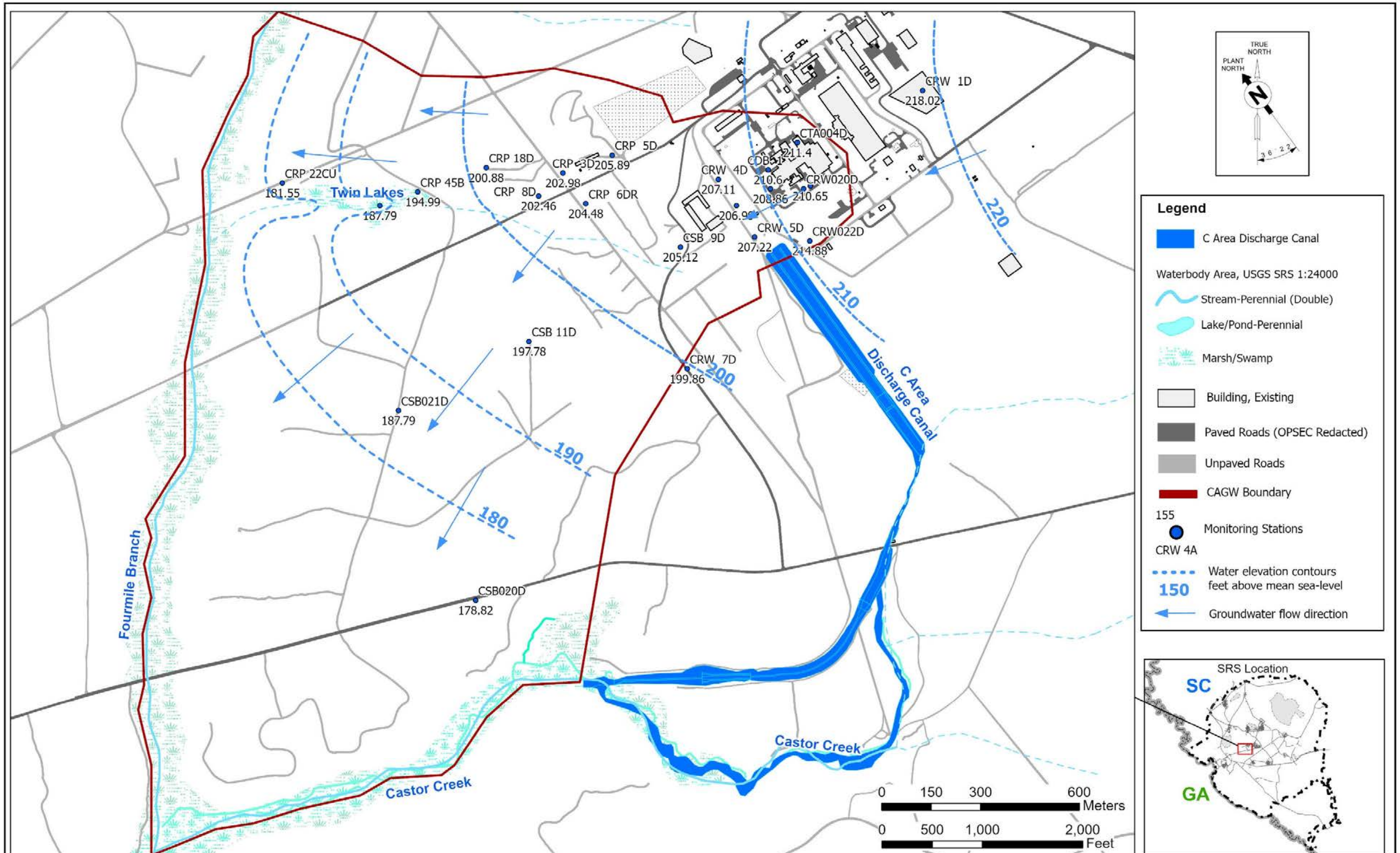

Figure E-1. 4Q24 Potentiometric Contours for the UAZ.

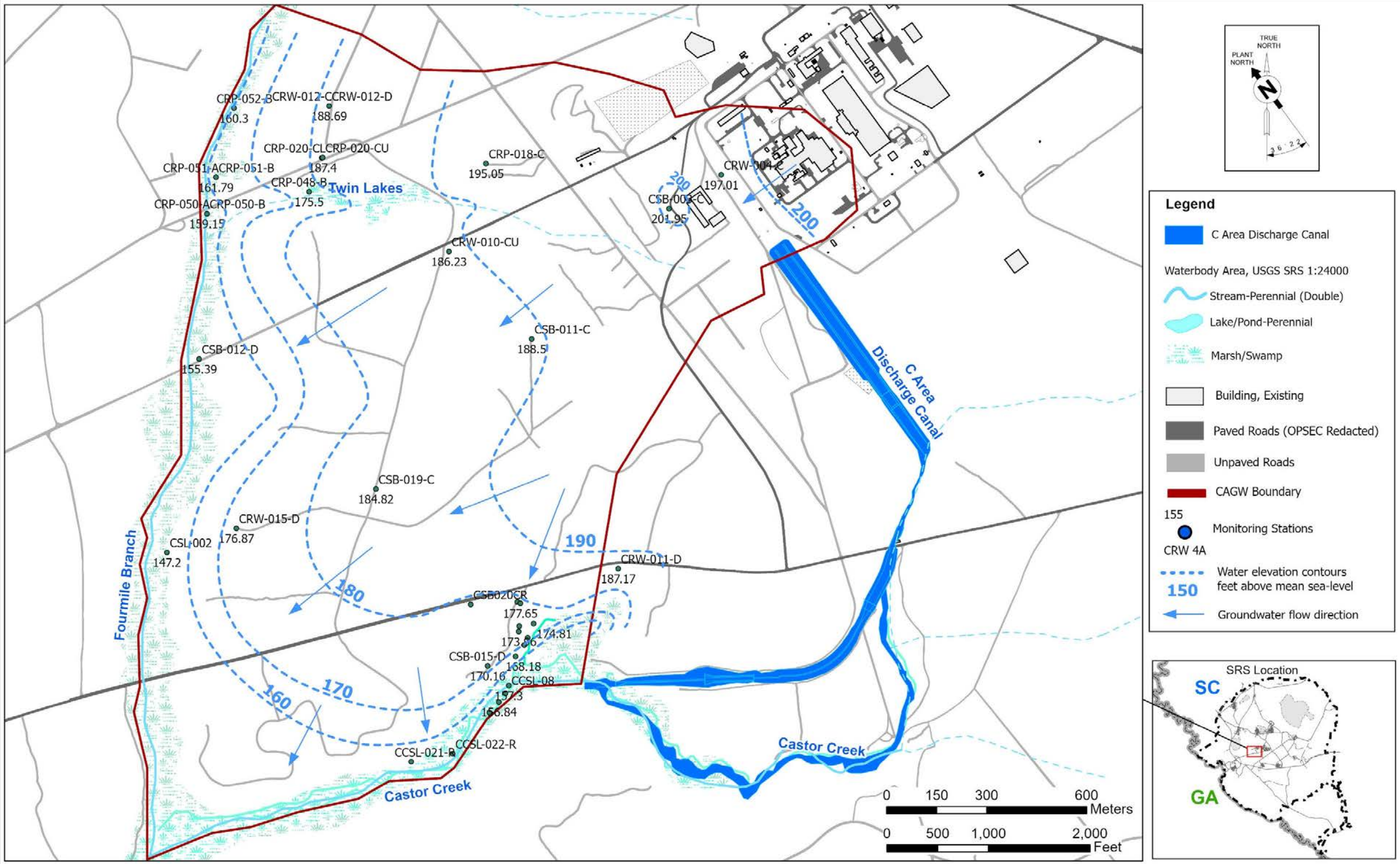

Figure E-2. 4Q24 Potentiometric Contours for the MAZ.

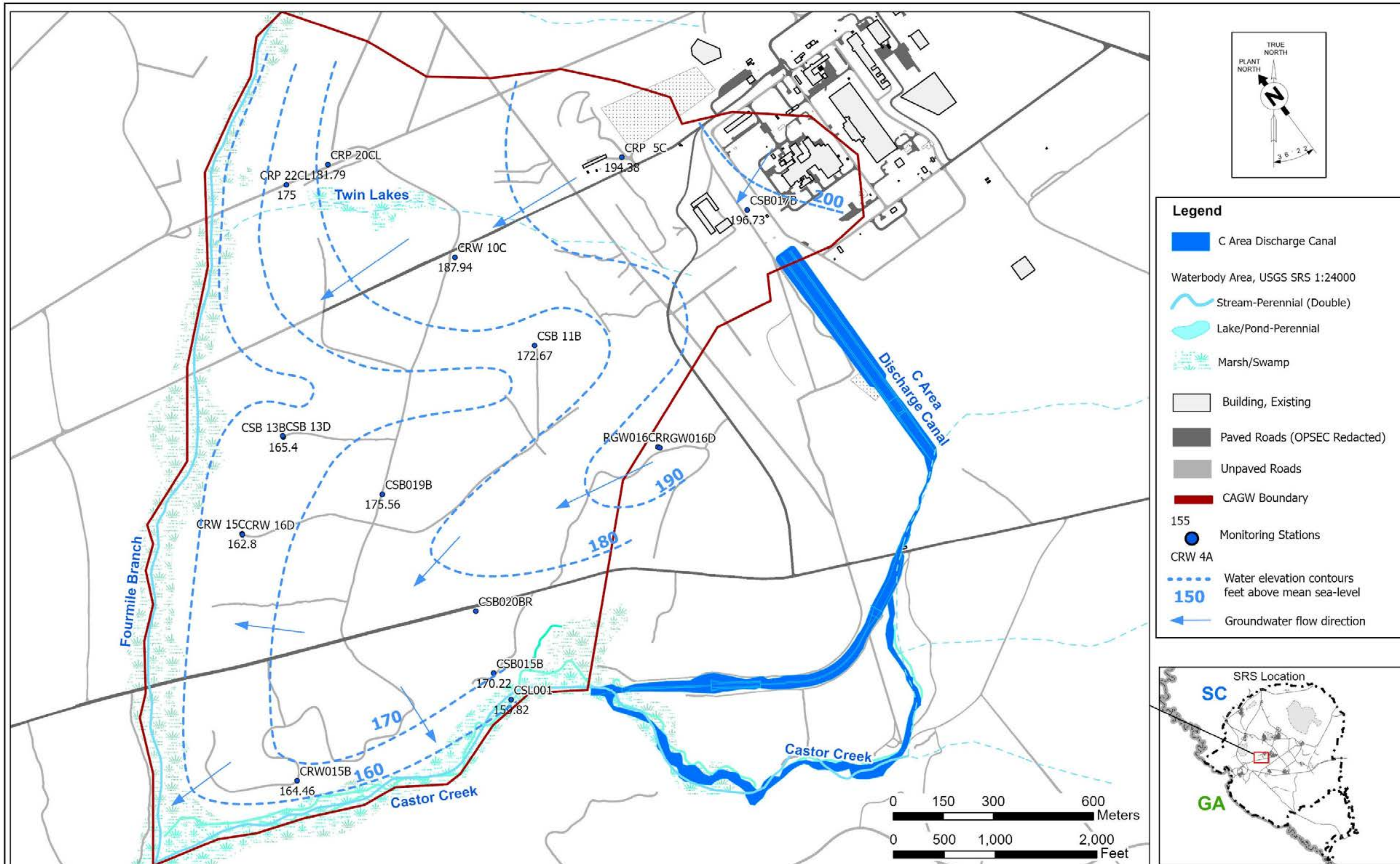

Figure E-3. 4Q24 Potentiometric Contours for the LAZ.

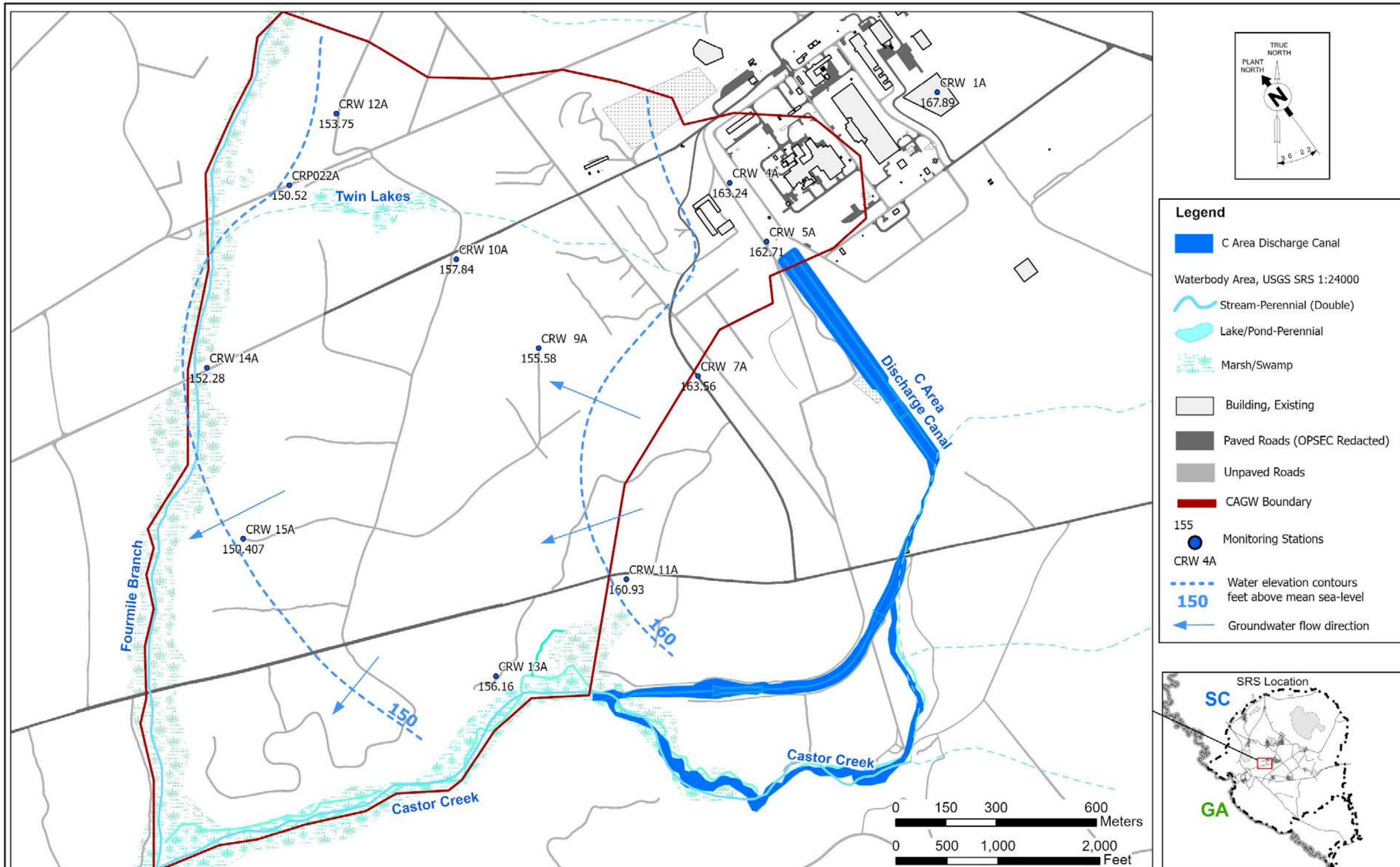

Figure E-4. 4Q24 Potentiometric Contours for the GA.

APPENDIX F

PFAS Laboratory Data

November 2024

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Table F-1. PFAS Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**EQL**	**Qualifier**	**Result**	**Unit**
CC 01	11/25/2024	PFEESA	0.37	2	U	< 2.0	ng/L
CC 01	11/25/2024	GENX	1.0	4.1	U	< 4.1	ng/L
CC 01	11/25/2024	NFDHA	0.58	2	U	< 2.0	ng/L
CC 01	11/25/2024	NEtFOSE	0.62	10	U	< 10	ng/L
CC 01	11/25/2024	PFOS	0.25	1		3.0	ng/L
CC 01	11/25/2024	PFUnA	0.25	1	U	< 1.0	ng/L
CC 01	11/25/2024	NMEFOSAA	0.30	1	U	< 1.0	ng/L
CC 01	11/25/2024	NMeFOSE	0.64	10	U	< 10	ng/L
CC 01	11/25/2024	PFPeA	0.19	2	U	< 2.0	ng/L
CC 01	11/25/2024	PFPES	0.26	1		1.3	ng/L
CC 01	11/25/2024	6:2 FTS	2.0	5.1	U	< 5.1	ng/L
CC 01	11/25/2024	NETFOSAA	0.30	1	U	< 1.0	ng/L
CC 01	11/25/2024	PFHxA	0.14	1	J	0.83	ng/L
CC 01	11/25/2024	PFDoA	0.11	1	U	< 1.0	ng/L
CC 01	11/25/2024	MEFOSA	0.22	1	U	< 1.0	ng/L
CC 01	11/25/2024	PFOA	0.21	1		2.0	ng/L
CC 01	11/25/2024	PFDA	0.14	1	U	< 1.0	ng/L
CC 01	11/25/2024	PFDS	0.17	1	U	< 1.0	ng/L
CC 01	11/25/2024	PFHxS	0.19	1		3.3	ng/L
CC 01	11/25/2024	3:3FTCA	0.60	5.1	U	< 5.1	ng/L
CC 01	11/25/2024	PFBA	0.52	4.1	U	< 4.1	ng/L
CC 01	11/25/2024	PFBS	0.095	1		1.2	ng/L
CC 01	11/25/2024	PFHpA	0.22	1	J	0.57	ng/L
CC 01	11/25/2024	PFHPS	0.19	1	U	< 1.0	ng/L
CC 01	11/25/2024	PFNA	0.10	1	J	0.36	ng/L
CC 01	11/25/2024	PFTA	0.27	1	U	< 1.0	ng/L
CC 01	11/25/2024	PFMPA	0.19	2	U	< 2.0	ng/L
CC 01	11/25/2024	8:2 FTS	0.62	4.1	U	< 4.1	ng/L
CC 01	11/25/2024	NEtFOSA	0.13	1	U	< 1.0	ng/L
CC 01	11/25/2024	PFNS	0.15	1	U	< 1.0	ng/L
CC 01	11/25/2024	PFTrDA	0.20	1	U	< 1.0	ng/L
CC 01	11/25/2024	PFOSA	0.20	1	U	< 1.0	ng/L

Table F-1. PFAS Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**EQL**	**Qualifier**	**Result**	**Unit**
CC 01	11/25/2024	9CL-PF3ONS	0.68	4.1	U	< 4.1	ng/L
CC 01	11/25/2024	4:2 FTS	0.40	4.1	U	< 4.1	ng/L
CC 01	11/25/2024	11CL-PF3OUDS	0.89	4.1	U	< 4.1	ng/L
CC 01	11/25/2024	PFDoS	0.16	1	U	< 1.0	ng/L
CC 01	11/25/2024	7:3FTCA	4.2	25	U	< 25	ng/L
CC 01	11/25/2024	PFMBA	0.39	2	U	< 2.0	ng/L
CC 01	11/25/2024	5:3FTCA	4.4	25	U	< 25	ng/L
CC 01	11/25/2024	ADONA	0.67	4.1	U	< 4.1	ng/L
CC 02	11/25/2024	PFEESA	0.35	1.9	U	< 1.9	ng/L
CC 02	11/25/2024	GENX	0.96	3.9	U	< 3.9	ng/L
CC 02	11/25/2024	NFDHA	0.56	1.9	U	< 1.9	ng/L
CC 02	11/25/2024	NEtFOSE	0.59	9.7	U	< 9.7	ng/L
CC 02	11/25/2024	PFOS	0.24	0.97		2.3	ng/L
CC 02	11/25/2024	PFUnA	0.24	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	NMEFOSAA	0.29	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	NMeFOSE	0.61	9.7	U	< 9.7	ng/L
CC 02	11/25/2024	PFPeA	0.18	1.9	U	< 1.9	ng/L
CC 02	11/25/2024	PFPES	0.25	0.97		1.3	ng/L
CC 02	11/25/2024	6:2 FTS	2.0	4.9	U	< 4.9	ng/L
CC 02	11/25/2024	NETFOSAA	0.28	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	PFHxA	0.14	0.97	J	0.76	ng/L
CC 02	11/25/2024	PFDoA	0.10	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	MEFOSA	0.21	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	PFOA	0.20	0.97		1.8	ng/L
CC 02	11/25/2024	PFDA	0.13	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	PFDS	0.16	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	PFHxS	0.18	0.97		3.5	ng/L
CC 02	11/25/2024	3:3FTCA	0.58	4.9	U	< 4.9	ng/L
CC 02	11/25/2024	PFBA	0.50	3.9	U	< 3.9	ng/L
CC 02	11/25/2024	PFBS	0.091	0.97		1.2	ng/L
CC 02	11/25/2024	PFHpA	0.21	0.97	J	0.54	ng/L
CC 02	11/25/2024	PFHPS	0.18	0.97	U	< 0.97	ng/L

Table F-1. PFAS Laboratory Data

Station	Date	Analyte	MDL	EQL	Qualifier	Result	Unit
CC 02	11/25/2024	PFNA	0.10	0.97	J	0.77	ng/L
CC 02	11/25/2024	PFTA	0.26	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	PFMPA	0.18	1.9	U	< 1.9	ng/L
CC 02	11/25/2024	8:2 FTS	0.59	3.9	U	< 3.9	ng/L
CC 02	11/25/2024	NEtFOSA	0.13	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	PFNS	0.14	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	PFTrDA	0.19	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	PFOSA	0.19	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	9CL-PF3ONS	0.65	3.9	U	< 3.9	ng/L
CC 02	11/25/2024	4:2 FTS	0.39	3.9	U	< 3.9	ng/L
CC 02	11/25/2024	11CL-PF3OUDS	0.85	3.9	U	< 3.9	ng/L
CC 02	11/25/2024	PFDoS	0.15	0.97	U	< 0.97	ng/L
CC 02	11/25/2024	7:3FTCA	4.1	24	U	< 24	ng/L
CC 02	11/25/2024	PFMBA	0.38	1.9	U	< 1.9	ng/L
CC 02	11/25/2024	5:3FTCA	4.2	24	U	< 24	ng/L
CC 02	11/25/2024	ADONA	0.64	3.9	U	< 3.9	ng/L
CC 05	11/25/2024	PFEESA	0.33	1.8	U	< 1.8	ng/L
CC 05	11/25/2024	GENX	0.90	3.6	U	< 3.6	ng/L
CC 05	11/25/2024	NFDHA	0.52	1.8	U	< 1.8	ng/L
CC 05	11/25/2024	NEtFOSE	0.55	9.1	U	< 9.1	ng/L
CC 05	11/25/2024	PFOS	0.22	0.91		2.8	ng/L
CC 05	11/25/2024	PFUnA	0.23	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	NMEFOSAA	0.27	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	NMeFOSE	0.57	9.1	U	< 9.1	ng/L
CC 05	11/25/2024	PFPeA	0.17	1.8	J	0.42	ng/L
CC 05	11/25/2024	PFPES	0.23	0.91		1.1	ng/L
CC 05	11/25/2024	6:2 FTS	1.8	4.5	U	< 4.5	ng/L
CC 05	11/25/2024	NETFOSAA	0.26	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	PFHxA	0.13	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	PFDoA	0.097	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	MEFOSA	0.20	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	PFOA	0.19	0.91		2.0	ng/L

Table F-1. PFAS Laboratory Data

Station	Date	Analyte	MDL	EQL	Qualifier	Result	Unit
CC 05	11/25/2024	PFDA	0.12	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	PFDS	0.15	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	PFHxS	0.17	0.91		4.4	ng/L
CC 05	11/25/2024	3:3FTCA	0.54	4.5	U	< 4.5	ng/L
CC 05	11/25/2024	PFBA	0.46	3.6	U	< 3.6	ng/L
CC 05	11/25/2024	PFBS	0.085	0.91		1.2	ng/L
CC 05	11/25/2024	PFHpA	0.19	0.91	J	0.46	ng/L
CC 05	11/25/2024	PFHPS	0.17	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	PFNA	0.094	0.91	J	0.87	ng/L
CC 05	11/25/2024	PFTA	0.24	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	PFMPA	0.17	1.8	U	< 1.8	ng/L
CC 05	11/25/2024	8:2 FTS	0.55	3.6	U	< 3.6	ng/L
CC 05	11/25/2024	NEtFOSA	0.12	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	PFNS	0.13	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	PFTrDA	0.18	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	PFOSA	0.18	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	9CL-PF3ONS	0.61	3.6	U	< 3.6	ng/L
CC 05	11/25/2024	4:2 FTS	0.36	3.6	U	< 3.6	ng/L
CC 05	11/25/2024	11CL-PF3OUDS	0.79	3.6	U	< 3.6	ng/L
CC 05	11/25/2024	PFDoS	0.14	0.91	U	< 0.91	ng/L
CC 05	11/25/2024	7:3FTCA	3.8	23	U	< 23	ng/L
CC 05	11/25/2024	PFMBA	0.35	1.8	U	< 1.8	ng/L
CC 05	11/25/2024	5:3FTCA	3.9	23	U	< 23	ng/L
CC 05	11/25/2024	ADONA	0.60	3.6	U	< 3.6	ng/L
CC 06	11/25/2024	PFEESA	0.34	1.9	U	< 1.9	ng/L
CC 06	11/25/2024	GENX	0.93	3.7	U	< 3.7	ng/L
CC 06	11/25/2024	NFDHA	0.54	1.9	U	< 1.9	ng/L
CC 06	11/25/2024	NEtFOSE	0.57	9.3	U	< 9.3	ng/L
CC 06	11/25/2024	PFOS	0.23	0.93		3.0	ng/L
CC 06	11/25/2024	PFUnA	0.23	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	NMEFOSAA	0.27	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	NMeFOSE	0.59	9.3	U	< 9.3	ng/L

Table F-1. PFAS Laboratory Data

Station	Date	Analyte	MDL	EQL	Qualifier	Result	Unit
CC 06	11/25/2024	PFPeA	0.17	1.9	J	0.33	ng/L
CC 06	11/25/2024	PFPES	0.24	0.93		0.95	ng/L
CC 06	11/25/2024	6:2 FTS	1.9	4.7	U	< 4.7	ng/L
CC 06	11/25/2024	NETFOSAA	0.27	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	PFHxA	0.13	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	PFDoA	0.099	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	MEFOSA	0.20	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	PFOA	0.19	0.93		1.7	ng/L
CC 06	11/25/2024	PFDA	0.13	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	PFDS	0.15	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	PFHxS	0.17	0.93		3.9	ng/L
CC 06	11/25/2024	3:3FTCA	0.56	4.7	U	< 4.7	ng/L
CC 06	11/25/2024	PFBA	0.48	3.7	U	< 3.7	ng/L
CC 06	11/25/2024	PFBS	0.087	0.93		1.2	ng/L
CC 06	11/25/2024	PFHpA	0.20	0.93	J	0.44	ng/L
CC 06	11/25/2024	PFHPS	0.18	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	PFNA	0.096	0.93	J	0.72	ng/L
CC 06	11/25/2024	PFTA	0.25	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	PFMPA	0.17	1.9	U	< 1.9	ng/L
CC 06	11/25/2024	8:2 FTS	0.57	3.7	U	< 3.7	ng/L
CC 06	11/25/2024	NEtFOSA	0.12	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	PFNS	0.14	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	PFTrDA	0.18	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	PFOSA	0.19	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	9CL-PF3ONS	0.62	3.7	U	< 3.7	ng/L
CC 06	11/25/2024	4:2 FTS	0.37	3.7	U	< 3.7	ng/L
CC 06	11/25/2024	11CL-PF3OUDS	0.81	3.7	U	< 3.7	ng/L
CC 06	11/25/2024	PFDoS	0.14	0.93	U	< 0.93	ng/L
CC 06	11/25/2024	7:3FTCA	3.9	23	U	< 23	ng/L
CC 06	11/25/2024	PFMBA	0.36	1.9	U	< 1.9	ng/L
CC 06	11/25/2024	5:3FTCA	4.0	23	U	< 23	ng/L
CC 06	11/25/2024	ADONA	0.62	3.7	U	< 3.7	ng/L

Table F-1. PFAS Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**EQL**	**Qualifier**	**Result**	**Unit**
CC 06 (FD)	11/25/2024	PFEESA	0.33	1.8	U	< 1.8	ng/L
CC 06 (FD)	11/25/2024	GENX	0.90	3.6	U	< 3.6	ng/L
CC 06 (FD)	11/25/2024	NFDHA	0.52	1.8	U	< 1.8	ng/L
CC 06 (FD)	11/25/2024	NEtFOSE	0.55	9.1	U	< 9.1	ng/L
CC 06 (FD)	11/25/2024	PFOS	0.22	0.91		3.0	ng/L
CC 06 (FD)	11/25/2024	PFUnA	0.22	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	NMEFOSAA	0.27	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	NMeFOSE	0.57	9.1	U	< 9.1	ng/L
CC 06 (FD)	11/25/2024	PFPeA	0.17	1.8	J	0.40	ng/L
CC 06 (FD)	11/25/2024	PFPES	0.23	0.91		1.1	ng/L
CC 06 (FD)	11/25/2024	6:2 FTS	1.8	4.5	U	< 4.5	ng/L
CC 06 (FD)	11/25/2024	NETFOSAA	0.26	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	PFHxA	0.13	0.91	J	0.77	ng/L
CC 06 (FD)	11/25/2024	PFDoA	0.097	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	MEFOSA	0.20	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	PFOA	0.19	0.91		2.0	ng/L
CC 06 (FD)	11/25/2024	PFDA	0.12	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	PFDS	0.15	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	PFHxS	0.17	0.91		4.1	ng/L
CC 06 (FD)	11/25/2024	3:3FTCA	0.54	4.5	U	< 4.5	ng/L
CC 06 (FD)	11/25/2024	PFBA	0.46	3.6	U	< 3.6	ng/L
CC 06 (FD)	11/25/2024	PFBS	0.085	0.91		1.2	ng/L
CC 06 (FD)	11/25/2024	PFHpA	0.19	0.91	J	0.47	ng/L
CC 06 (FD)	11/25/2024	PFHPS	0.17	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	PFNA	0.093	0.91	J	0.89	ng/L
CC 06 (FD)	11/25/2024	PFTA	0.24	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	PFMPA	0.17	1.8	U	< 1.8	ng/L
CC 06 (FD)	11/25/2024	8:2 FTS	0.55	3.6	U	< 3.6	ng/L
CC 06 (FD)	11/25/2024	NEtFOSA	0.12	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	PFNS	0.13	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	PFTrDA	0.18	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	PFOSA	0.18	0.91	U	< 0.91	ng/L

Table F-1. PFAS Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**EQL**	**Qualifier**	**Result**	**Unit**
CC 06 (FD)	11/25/2024	9CL-PF3ONS	0.61	3.6	U	< 3.6	ng/L
CC 06 (FD)	11/25/2024	4:2 FTS	0.36	3.6	U	< 3.6	ng/L
CC 06 (FD)	11/25/2024	11CL-PF3OUDS	0.79	3.6	U	< 3.6	ng/L
CC 06 (FD)	11/25/2024	PFDoS	0.14	0.91	U	< 0.91	ng/L
CC 06 (FD)	11/25/2024	7:3FTCA	3.8	23	U	< 23	ng/L
CC 06 (FD)	11/25/2024	PFMBA	0.35	1.8	U	< 1.8	ng/L
CC 06 (FD)	11/25/2024	5:3FTCA	3.9	23	U	< 23	ng/L
CC 06 (FD)	11/25/2024	ADONA	0.60	3.6	U	< 3.6	ng/L
CC 07	11/25/2024	PFEESA	0.33	1.8	U	< 1.8	ng/L
CC 07	11/25/2024	GENX	0.92	3.7	U	< 3.7	ng/L
CC 07	11/25/2024	NFDHA	0.53	1.8	U	< 1.8	ng/L
CC 07	11/25/2024	NEtFOSE	0.56	9.2	U	< 9.2	ng/L
CC 07	11/25/2024	PFOS	0.23	0.92		3.1	ng/L
CC 07	11/25/2024	PFUnA	0.23	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	NMEFOSAA	0.27	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	NMeFOSE	0.58	9.2	U	< 9.2	ng/L
CC 07	11/25/2024	PFPeA	0.17	1.8	J	0.33	ng/L
CC 07	11/25/2024	PFPES	0.24	0.92		1.1	ng/L
CC 07	11/25/2024	6:2 FTS	1.9	4.6	U	< 4.6	ng/L
CC 07	11/25/2024	NETFOSAA	0.27	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	PFHxA	0.13	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	PFDoA	0.099	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	MEFOSA	0.20	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	PFOA	0.19	0.92		2.1	ng/L
CC 07	11/25/2024	PFDA	0.13	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	PFDS	0.15	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	PFHxS	0.17	0.92		3.6	ng/L
CC 07	11/25/2024	3:3FTCA	0.55	4.6	U	< 4.6	ng/L
CC 07	11/25/2024	PFBA	0.47	3.7	U	< 3.7	ng/L
CC 07	11/25/2024	PFBS	0.087	0.92		1.1	ng/L
CC 07	11/25/2024	PFHpA	0.20	0.92	J	0.39	ng/L
CC 07	11/25/2024	PFHPS	0.18	0.92	U	< 0.92	ng/L

Table F-1. PFAS Laboratory Data

Station	Date	Analyte	MDL	EQL	Qualifier	Result	Unit
CC 07	11/25/2024	PFNA	0.095	0.92	J	0.69	ng/L
CC 07	11/25/2024	PFTA	0.25	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	PFMPA	0.17	1.8	U	< 1.8	ng/L
CC 07	11/25/2024	8:2 FTS	0.56	3.7	U	< 3.7	ng/L
CC 07	11/25/2024	NEtFOSA	0.12	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	PFNS	0.13	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	PFTrDA	0.18	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	PFOSA	0.18	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	9CL-PF3ONS	0.62	3.7	U	< 3.7	ng/L
CC 07	11/25/2024	4:2 FTS	0.37	3.7	U	< 3.7	ng/L
CC 07	11/25/2024	11CL-PF3OUDS	0.81	3.7	U	< 3.7	ng/L
CC 07	11/25/2024	PFDoS	0.14	0.92	U	< 0.92	ng/L
CC 07	11/25/2024	7:3FTCA	3.9	23	U	< 23	ng/L
CC 07	11/25/2024	PFMBA	0.36	1.8	U	< 1.8	ng/L
CC 07	11/25/2024	5:3FTCA	4.0	23	U	< 23	ng/L
CC 07	11/25/2024	ADONA	0.61	3.7	U	< 3.7	ng/L
CC 08	11/26/2024	PFEESA	0.35	1.9	U	< 1.9	ng/L
CC 08	11/26/2024	GENX	0.96	3.9	U	< 3.9	ng/L
CC 08	11/26/2024	NFDHA	0.56	1.9	U	< 1.9	ng/L
CC 08	11/26/2024	NEtFOSE	0.59	9.7	U	< 9.7	ng/L
CC 08	11/26/2024	PFOS	0.24	0.97		3.2	ng/L
CC 08	11/26/2024	PFUnA	0.24	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	NMEFOSAA	0.29	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	NMeFOSE	0.61	9.7	U	< 9.7	ng/L
CC 08	11/26/2024	PFPeA	0.18	1.9	J	0.43	ng/L
CC 08	11/26/2024	PFPES	0.25	0.97		1.1	ng/L
CC 08	11/26/2024	6:2 FTS	2.0	4.8	U	< 4.8	ng/L
CC 08	11/26/2024	NETFOSAA	0.28	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	PFHxA	0.14	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	PFDoA	0.10	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	MEFOSA	0.21	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	PFOA	0.20	0.97		2.0	ng/L

Table F-1. PFAS Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**EQL**	**Qualifier**	**Result**	**Unit**
CC 08	11/26/2024	PFDA	0.13	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	PFDS	0.16	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	PFHxS	0.18	0.97		3.9	ng/L
CC 08	11/26/2024	3:3FTCA	0.58	4.8	U	< 4.8	ng/L
CC 08	11/26/2024	PFBA	0.49	3.9	J	0.52	ng/L
CC 08	11/26/2024	PFBS	0.091	0.97		1.5	ng/L
CC 08	11/26/2024	PFHpA	0.21	0.97	J	0.43	ng/L
CC 08	11/26/2024	PFHPS	0.18	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	PFNA	0.10	0.97	J	0.69	ng/L
CC 08	11/26/2024	PFTA	0.26	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	PFMPA	0.18	1.9	U	< 1.9	ng/L
CC 08	11/26/2024	8:2 FTS	0.59	3.9	U	< 3.9	ng/L
CC 08	11/26/2024	NEtFOSA	0.12	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	PFNS	0.14	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	PFTrDA	0.19	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	PFOSA	0.19	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	9CL-PF3ONS	0.65	3.9	U	< 3.9	ng/L
CC 08	11/26/2024	4:2 FTS	0.38	3.9	U	< 3.9	ng/L
CC 08	11/26/2024	11CL-PF3OUDS	0.85	3.9	U	< 3.9	ng/L
CC 08	11/26/2024	PFDoS	0.15	0.97	U	< 0.97	ng/L
CC 08	11/26/2024	7:3FTCA	4.0	24	U	< 24	ng/L
CC 08	11/26/2024	PFMBA	0.38	1.9	U	< 1.9	ng/L
CC 08	11/26/2024	5:3FTCA	4.2	24	U	< 24	ng/L
CC 08	11/26/2024	ADONA	0.64	3.9	U	< 3.9	ng/L
CRW 7A	11/20/2024	PFEESA	0.35	2	U	< 2.0	ng/L
CRW 7A	11/20/2024	GENX	0.97	3.9	U	< 3.9	ng/L
CRW 7A	11/20/2024	NFDHA	0.56	2	U	< 2.0	ng/L
CRW 7A	11/20/2024	NEtFOSE	0.60	9.8	U	< 9.8	ng/L
CRW 7A	11/20/2024	PFOS	0.24	0.98		0.98	ng/L
CRW 7A	11/20/2024	PFUnA	0.24	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	NMEFOSAA	0.29	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	NMeFOSE	0.62	9.8	U	< 9.8	ng/L

Table F-1. PFAS Laboratory Data

Station	Date	Analyte	MDL	EQL	Qualifier	Result	Unit
CRW 7A	11/20/2024	PFPeA	0.18	2	J	0.84	ng/L
CRW 7A	11/20/2024	PFPES	0.25	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	6:2 FTS	2.0	4.9	U	< 4.9	ng/L
CRW 7A	11/20/2024	NETFOSAA	0.29	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFHxA	0.14	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFDoA	0.10	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	MEFOSA	0.21	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFOA	0.20	0.98		1.3	ng/L
CRW 7A	11/20/2024	PFDA	0.13	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFDS	0.16	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFHxS	0.18	0.98	J	0.35	ng/L
CRW 7A	11/20/2024	3:3FTCA	0.58	4.9	U	< 4.9	ng/L
CRW 7A	11/20/2024	PFBA	0.50	3.9	U	< 3.9	ng/L
CRW 7A	11/20/2024	PFBS	0.092	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFHpA	0.21	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFHPS	0.19	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFNA	0.10	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFTA	0.26	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFMPA	0.18	2	U	< 2.0	ng/L
CRW 7A	11/20/2024	8:2 FTS	0.60	3.9	U	< 3.9	ng/L
CRW 7A	11/20/2024	NEtFOSA	0.13	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFNS	0.14	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFTrDA	0.19	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	PFOSA	0.19	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	9CL-PF3ONS	0.66	3.9	U	< 3.9	ng/L
CRW 7A	11/20/2024	4:2 FTS	0.39	3.9	U	< 3.9	ng/L
CRW 7A	11/20/2024	11CL-PF3OUDS	0.86	3.9	U	< 3.9	ng/L
CRW 7A	11/20/2024	PFDoS	0.15	0.98	U	< 0.98	ng/L
CRW 7A	11/20/2024	7:3FTCA	4.1	24	U	< 24	ng/L
CRW 7A	11/20/2024	PFMBA	0.38	2	U	< 2.0	ng/L
CRW 7A	11/20/2024	5:3FTCA	4.2	24	U	< 24	ng/L
CRW 7A	11/20/2024	ADONA	0.65	3.9	U	< 3.9	ng/L

Table F-1. PFAS Laboratory Data

Station	Date	Analyte	MDL	EQL	Qualifier	Result	Unit
CRW 7D	11/20/2024	PFEESA	0.36	2	U	< 2.0	ng/L
CRW 7D	11/20/2024	GENX	0.99	4	U	< 4.0	ng/L
CRW 7D	11/20/2024	NFDHA	0.58	2	U	< 2.0	ng/L
CRW 7D	11/20/2024	NEtFOSE	0.61	10	U	< 10	ng/L
CRW 7D	11/20/2024	PFOS	0.25	1	J	0.82	ng/L
CRW 7D	11/20/2024	PFUnA	0.25	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	NMEFOSAA	0.30	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	NMeFOSE	0.63	10	U	< 10	ng/L
CRW 7D	11/20/2024	PFPeA	0.18	2		3.3	ng/L
CRW 7D	11/20/2024	PFPES	0.26	1	J	0.64	ng/L
CRW 7D	11/20/2024	6:2 FTS	2.0	5	U	< 5.0	ng/L
CRW 7D	11/20/2024	NETFOSAA	0.29	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	PFHxA	0.14	1		3.6	ng/L
CRW 7D	11/20/2024	PFDoA	0.11	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	MEFOSA	0.22	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	PFOA	0.21	1		8.2	ng/L
CRW 7D	11/20/2024	PFDA	0.14	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	PFDS	0.16	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	PFHxS	0.18	1		1.9	ng/L
CRW 7D	11/20/2024	3:3FTCA	0.60	5	U	< 5.0	ng/L
CRW 7D	11/20/2024	PFBA	0.51	4	J	0.90	ng/L
CRW 7D	11/20/2024	PFBS	0.094	1	J	0.56	ng/L
CRW 7D	11/20/2024	PFHpA	0.21	1		2.7	ng/L
CRW 7D	11/20/2024	PFHPS	0.19	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	PFNA	0.10	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	PFTA	0.27	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	PFMPA	0.19	2	U	< 2.0	ng/L
CRW 7D	11/20/2024	8:2 FTS	0.61	4	U	< 4.0	ng/L
CRW 7D	11/20/2024	NEtFOSA	0.13	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	PFNS	0.15	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	PFTrDA	0.19	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	9CL-PF3ONS	0.67	4	U	< 4.0	ng/L

Table F-1. PFAS Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**EQL**	**Qualifier**	**Result**	**Unit**
CRW 7D	11/20/2024	4:2 FTS	0.40	4	U	< 4.0	ng/L
CRW 7D	11/20/2024	11CL-PF3OUDS	0.88	4	U	< 4.0	ng/L
CRW 7D	11/20/2024	PFDoS	0.15	1	U	< 1.0	ng/L
CRW 7D	11/20/2024	7:3FTCA	4.2	25	U	< 25	ng/L
CRW 7D	11/20/2024	PFMBA	0.39	2	U	< 2.0	ng/L
CRW 7D	11/20/2024	5:3FTCA	4.3	25	U	< 25	ng/L
CRW 7D	11/20/2024	ADONA	0.66	4	U	< 4.0	ng/L
CRW 7D	11/20/2024	PFOSA	0.20	0.99	UJ	< 0.99	ng/L
CRW 11A	11/25/2024	PFEESA	0.37	2	U	< 2.0	ng/L
CRW 11A	11/25/2024	GENX	1.0	4.1	U	< 4.1	ng/L
CRW 11A	11/25/2024	NFDHA	0.59	2	U	< 2.0	ng/L
CRW 11A	11/25/2024	NEtFOSE	0.62	10	U	< 10	ng/L
CRW 11A	11/25/2024	PFOS	0.25	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFUnA	0.25	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	NMEFOSAA	0.30	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	NMeFOSE	0.65	10	U	< 10	ng/L
CRW 11A	11/25/2024	PFPeA	0.19	2	U	< 2.0	ng/L
CRW 11A	11/25/2024	PFPES	0.26	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	6:2 FTS	2.1	5.1	U	< 5.1	ng/L
CRW 11A	11/25/2024	NETFOSAA	0.30	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFHxA	0.15	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFDoA	0.11	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	MEFOSA	0.22	1	J	0.30	ng/L
CRW 11A	11/25/2024	PFOA	0.21	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFDA	0.14	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFDS	0.17	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFHxS	0.19	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	3:3FTCA	0.61	5.1	U	< 5.1	ng/L
CRW 11A	11/25/2024	PFBA	0.52	4.1	U	< 4.1	ng/L
CRW 11A	11/25/2024	PFBS	0.096	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFHpA	0.22	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFHPS	0.19	1	U	< 1.0	ng/L

Table F-1. PFAS Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**EQL**	**Qualifier**	**Result**	**Unit**
CRW 11A	11/25/2024	PFNA	0.11	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFTA	0.27	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFMPA	0.19	2	U	< 2.0	ng/L
CRW 11A	11/25/2024	8:2 FTS	0.62	4.1	U	< 4.1	ng/L
CRW 11A	11/25/2024	NEtFOSA	0.13	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFNS	0.15	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFTrDA	0.20	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	PFOSA	0.20	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	9CL-PF3ONS	0.68	4.1	U	< 4.1	ng/L
CRW 11A	11/25/2024	4:2 FTS	0.41	4.1	U	< 4.1	ng/L
CRW 11A	11/25/2024	11CL-PF3OUDS	0.89	4.1	U	< 4.1	ng/L
CRW 11A	11/25/2024	PFDoS	0.16	1	U	< 1.0	ng/L
CRW 11A	11/25/2024	7:3FTCA	4.3	26	U	< 26	ng/L
CRW 11A	11/25/2024	PFMBA	0.40	2	U	< 2.0	ng/L
CRW 11A	11/25/2024	5:3FTCA	4.4	26	U	< 26	ng/L
CRW 11A	11/25/2024	ADONA	0.68	4.1	U	< 4.1	ng/L
CRW 11D	11/25/2024	PFEESA	0.35	1.9	U	< 1.9	ng/L
CRW 11D	11/25/2024	GENX	0.96	3.9	U	< 3.9	ng/L
CRW 11D	11/25/2024	NFDHA	0.56	1.9	U	< 1.9	ng/L
CRW 11D	11/25/2024	NEtFOSE	0.59	9.7	U	< 9.7	ng/L
CRW 11D	11/25/2024	PFOS	0.24	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFUnA	0.24	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	NMEFOSAA	0.28	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	NMeFOSE	0.61	9.7	U	< 9.7	ng/L
CRW 11D	11/25/2024	PFPeA	0.18	1.9	U	< 1.9	ng/L
CRW 11D	11/25/2024	PFPES	0.25	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	6:2 FTS	2.0	4.8	U	< 4.8	ng/L
CRW 11D	11/25/2024	NETFOSAA	0.28	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFHxA	0.14	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFDoA	0.10	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	MEFOSA	0.21	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFOA	0.20	0.97	U	< 0.97	ng/L

Table F-1. PFAS Laboratory Data

Station	Date	Analyte	MDL	EQL	Qualifier	Result	Unit
CRW 11D	11/25/2024	PFDA	0.13	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFDS	0.16	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFHxS	0.18	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	3:3FTCA	0.58	4.8	U	< 4.8	ng/L
CRW 11D	11/25/2024	PFBA	0.49	3.9	U	< 3.9	ng/L
CRW 11D	11/25/2024	PFBS	0.091	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFHpA	0.21	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFHPS	0.18	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFNA	0.10	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFTA	0.26	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFMPA	0.18	1.9	U	< 1.9	ng/L
CRW 11D	11/25/2024	8:2 FTS	0.59	3.9	U	< 3.9	ng/L
CRW 11D	11/25/2024	NEtFOSA	0.12	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFNS	0.14	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFTrDA	0.19	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	PFOSA	0.19	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	9CL-PF3ONS	0.65	3.9	U	< 3.9	ng/L
CRW 11D	11/25/2024	4:2 FTS	0.38	3.9	U	< 3.9	ng/L
CRW 11D	11/25/2024	11CL-PF3OUDS	0.84	3.9	U	< 3.9	ng/L
CRW 11D	11/25/2024	PFDoS	0.15	0.97	U	< 0.97	ng/L
CRW 11D	11/25/2024	7:3FTCA	4.0	24	U	< 24	ng/L
CRW 11D	11/25/2024	PFMBA	0.38	1.9	U	< 1.9	ng/L
CRW 11D	11/25/2024	5:3FTCA	4.2	24	U	< 24	ng/L
CRW 11D	11/25/2024	ADONA	0.64	3.9	U	< 3.9	ng/L
CSB020D	11/26/2024	PFEESA	1.8	10	U	< 10	ng/L
CSB020D	11/26/2024	GENX	5.0	20	U	< 20	ng/L
CSB020D	11/26/2024	NFDHA	2.9	10	U	< 10	ng/L
CSB020D	11/26/2024	NEtFOSE	3.1	50	U	< 50	ng/L
CSB020D	11/26/2024	PFOS	1.2	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFUnA	1.2	5	U	< 5.0	ng/L
CSB020D	11/26/2024	NMEFOSAA	1.5	5	U	< 5.0	ng/L
CSB020D	11/26/2024	NMeFOSE	3.2	50	U	< 50	ng/L

Table F-1. PFAS Laboratory Data							
Station	**Date**	**Analyte**	**MDL**	**EQL**	**Qualifier**	**Result**	**Unit**
CSB020D	11/26/2024	PFPeA	0.92	10	U	< 10	ng/L
CSB020D	11/26/2024	PFPES	1.3	5	U	< 5.0	ng/L
CSB020D	11/26/2024	6:2 FTS	10	25	U	< 25	ng/L
CSB020D	11/26/2024	NETFOSAA	1.5	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFHxA	0.71	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFDoA	0.53	5	U	< 5.0	ng/L
CSB020D	11/26/2024	MEFOSA	1.1	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFOA	1.0	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFDA	0.68	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFDS	0.82	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFHxS	0.92	5	U	< 5.0	ng/L
CSB020D	11/26/2024	3:3FTCA	3.0	25	U	< 25	ng/L
CSB020D	11/26/2024	PFBA	2.6	20	U	< 20	ng/L
CSB020D	11/26/2024	PFBS	0.47	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFHpA	1.1	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFHPS	0.95	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFNA	0.52	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFTA	1.3	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFMPA	0.92	10	U	< 10	ng/L
CSB020D	11/26/2024	8:2 FTS	3.0	20	U	< 20	ng/L
CSB020D	11/26/2024	NEtFOSA	0.64	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFNS	0.73	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFTrDA	0.97	5	U	< 5.0	ng/L
CSB020D	11/26/2024	PFOSA	0.99	5	U	< 5.0	ng/L
CSB020D	11/26/2024	9CL-PF3ONS	3.3	20	U	< 20	ng/L
CSB020D	11/26/2024	4:2 FTS	2.0	20	U	< 20	ng/L
CSB020D	11/26/2024	11CL-PF3OUDS	4.4	20	U	< 20	ng/L
CSB020D	11/26/2024	PFDoS	0.77	5	U	< 5.0	ng/L
CSB020D	11/26/2024	7:3FTCA	21	130	U	< 130	ng/L
CSB020D	11/26/2024	PFMBA	1.9	10	U	< 10	ng/L
CSB020D	11/26/2024	5:3FTCA	21	130	U	< 130	ng/L
CSB020D	11/26/2024	ADONA	3.3	20	U	< 20	ng/L

Table F-1 Notes		
EQL = estimated quantitation limit FD = Field duplicate J= Result is above MDL, but less than EQL UJ= Sample was held beyond the normal holding time prior to analysis MDL= method detection limit ng/L = Nanograms per liter U = non-detect		
PFAS constituent nomenclature:		
5:3FTCA = 2H,2H,3H,3H-Perfluorooctanoic acid	ADONA = 4,8-Dioxa-3H-perfluorononanoic acid	PFMBA = Perfluoro-4-methoxybutanoic acid
11CL-PF3OUDS = 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	GENX = Hexafluoropropylene oxide dimer acid	PFMPA = Perfluoro-3-methoxypropanoic acid
3:3FTCA = 3-perfluoropropyl propanoic acid	MEFOSA = N-methylperfluoro-1-octanesulfonamide	PFNA = Perfluorononanoic acid
4:2 FTS = 1H,1H,2H,2H-perfluorohexanesulfonic acid	PFBA = Perfluoro-N-butanoic acid	PFNS = Perfluoro-1-nonanesulfonic acid
6:2 FTS = 1H,1H,2H,2H-perfluorooctane sulfonic acid	PFBS = Perfluorobutanesulfonic acid	PFOA = Perfluorooctanoic acid
7:3FTCA = 3-Perfluoroheptyl propanoic acid	PFDA = Perfluorooctanoic acid	PFOS = Perfluorooctanesulfonic acid
8:2 FTS = 1H, 1H, 2H, 2H-perfluorodecane sulfonic acid	PFDoA = Perfluorododecanoic acid	PFOSA = Perfluoro-1-octanesulfonamide
9CL-PF3ONS = 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	PFDoS = Perfluorodecanesulfonic acid	PFPeA = Perfluoro-N-pentanoic acid
NEtFOSA = N-ethylperfluoro-1-octanesulfonamidoacetic acid	PFDS = Perfluoro-1-decanesulfonic acid	PFPES = Perfluoro-1-pentanesulfonic acid
NETFOSAA = N-ethylperfluoro-1-n-octanesulfonamido acetic acid	PFEESA = Perfluoro(2-ethoxyethane) sulfonic acid	PFTA = Perfluorotetradecanoic acid
NEtFOSE =N-ethyl perfluorooctanesulfonamidoethanol	PFHpA = Perfluoroheptanic acid	PFTrDA = Perfluorotridecanoic acid
NFDHA = Nonafluoro-3,6-dioxaheptanoic acid	PFHPS = Perfluoro-1-heptanesulfonic acid	PFUnA = Perfluoroundecanoic acid
NMEFOSAA = N-methylperfluoro-1-octanesulfonamidoacetic acid	PFHxA = Perfluorohexoninc acid	
NMeFOSE = N-methyl perfluorooctane sulfonamidoethanol	PFHxS = Perfluorohexanesulfonic acid	